



```
In [1]: !git clone https://github.com/ultralytics/yolov5.git
        %cd yolov5
```

```
Cloning into 'yolov5'...
remote: Enumerating objects: 17783, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (6/6), done.
remote: Total 17783 (delta 2), reused 1 (delta 1), pack-reused 17776 (from 2)
Receiving objects: 100% (17783/17783), 16.94 MiB | 26.69 MiB/s, done.
Resolving deltas: 100% (12130/12130), done.
/content/yolov5
```

```
In [2]: !pip install -r requirements.txt
```

Requirement already satisfied: gitpython>=3.1.30 in /usr/local/lib/python3.12/dist-packages (from -r requirements.txt (line 5)) (3.1.46)

Requirement already satisfied: matplotlib>=3.3 in /usr/local/lib/python3.12/dist-packages (from -r requirements.txt (line 6)) (3.10.0)

Requirement already satisfied: numpy>=1.23.5 in /usr/local/lib/python3.12/dist-packages (from -r requirements.txt (line 7)) (2.0.2)

Requirement already satisfied: opencv-python>=4.1.1 in /usr/local/lib/python3.12/dist-packages (from -r requirements.txt (line 8)) (4.12.0.88)

Requirement already satisfied: pillow>=10.3.0 in /usr/local/lib/python3.12/dist-packages (from -r requirements.txt (line 9)) (11.3.0)

Requirement already satisfied: psutil in /usr/local/lib/python3.12/dist-packages (from -r requirements.txt (line 10)) (5.9.5)

Requirement already satisfied: PyYAML>=5.3.1 in /usr/local/lib/python3.12/dist-packages (from -r requirements.txt (line 11)) (6.0.3)

Requirement already satisfied: requests>=2.32.2 in /usr/local/lib/python3.12/dist-packages (from -r requirements.txt (line 12)) (2.32.4)

Requirement already satisfied: scipy>=1.4.1 in /usr/local/lib/python3.12/dist-packages (from -r requirements.txt (line 13)) (1.16.3)

Collecting thop>=0.1.1 (from -r requirements.txt (line 14))

  Downloading thop-0.1.1.post2209072238-py3-none-any.whl.metadata (2.7 kB)

Requirement already satisfied: torch>=1.8.0 in /usr/local/lib/python3.12/dist-packages (from -r requirements.txt (line 15)) (2.9.0+cu126)

Requirement already satisfied: torchvision>=0.9.0 in /usr/local/lib/python3.12/dist-packages (from -r requirements.txt (line 16)) (0.24.0+cu126)

Requirement already satisfied: tqdm>=4.66.3 in /usr/local/lib/python3.12/dist-packages (from -r requirements.txt (line 17)) (4.67.1)

Collecting ultralytics>=8.2.64 (from -r requirements.txt (line 18))

  Downloading ultralytics-8.4.5-py3-none-any.whl.metadata (38 kB)

Requirement already satisfied: pandas>=1.1.4 in /usr/local/lib/python3.12/dist-packages (from -r requirements.txt (line 27)) (2.2.2)

Requirement already satisfied: seaborn>=0.11.0 in /usr/local/lib/python3.12/dist-packages (from -r requirements.txt (line 28)) (0.13.2)

Requirement already satisfied: packaging in /usr/local/lib/python3.12/dist-packages (from -r requirements.txt (line 42)) (25.0)

Requirement already satisfied: setuptools>=70.0.0 in /usr/local/lib/python3.12/dist-packages (from -r requirements.txt (line 43)) (75.2.0)

Collecting urllib3>=2.6.0 (from -r requirements.txt (line 51))

  Downloading urllib3-2.6.3-py3-none-any.whl.metadata (6.9 kB)

Requirement already satisfied: gitdb<5,>=4.0.1 in /usr/local/lib/python3.12/dist-packages (from gitpython>=3.1.30->-r requirements.txt (line 5)) (4.0.12)

Requirement already satisfied: contourpy>=1.0.1 in /usr/local/lib/python3.12/dist-packages (from matplotlib>=3.3->-r requirements.txt (line 6)) (1.3.3)

Requirement already satisfied: cycler>=0.10 in /usr/local/lib/python3.12/dist-packages (from matplotlib>=3.3->-r requirements.txt (line 6)) (0.12.1)

Requirement already satisfied: fonttools>=4.22.0 in /usr/local/lib/python3.12/dist-packages (from matplotlib>=3.3->-r requirements.txt (line 6)) (4.61.1)

Requirement already satisfied: kiwisolver>=1.3.1 in /usr/local/lib/python3.12/dist-packages (from matplotlib>=3.3->-r requirements.txt (line 6)) (1.4.9)

Requirement already satisfied: pyparsing>=2.3.1 in /usr/local/lib/python3.12/dist-packages (from matplotlib>=3.3->-r requirements.txt (line 6)) (3.3.1)

Requirement already satisfied: python-dateutil>=2.7 in /usr/local/lib/python3.12/dist-packages (from matplotlib>=3.3->-r requirements.txt (line 6)) (2.9.0.post0)

Requirement already satisfied: charset\_normalizer<4,>=2 in /usr/local/lib/python3.12/dist-packages (from -r requirements.txt (line 6)) (3.3.2)

n3.12/dist-packages (from requests>=2.32.2->-r requirements.txt (line 12))  
(3.4.4)

Requirement already satisfied: idna<4,>=2.5 in /usr/local/lib/python3.12/dist-packages (from requests>=2.32.2->-r requirements.txt (line 12)) (3.11)

Requirement already satisfied: certifi>=2017.4.17 in /usr/local/lib/python3.12/dist-packages (from requests>=2.32.2->-r requirements.txt (line 12)) (2026.1.4)

Requirement already satisfied: filelock in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (3.20.2)

Requirement already satisfied: typing-extensions>=4.10.0 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (4.15.0)

Requirement already satisfied: sympy>=1.13.3 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (1.14.0)

Requirement already satisfied: networkx>=2.5.1 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (3.6.1)

Requirement already satisfied: jinja2 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (3.1.6)

Requirement already satisfied: fsspec>=0.8.5 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (2025.3.0)

Requirement already satisfied: nvidia-cuda-nvrtc-cu12==12.6.77 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (12.6.77)

Requirement already satisfied: nvidia-cuda-runtime-cu12==12.6.77 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (12.6.77)

Requirement already satisfied: nvidia-cuda-cupti-cu12==12.6.80 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (12.6.80)

Requirement already satisfied: nvidia-cudnn-cu12==9.10.2.21 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (9.10.2.21)

Requirement already satisfied: nvidia-cublas-cu12==12.6.4.1 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (12.6.4.1)

Requirement already satisfied: nvidia-cufft-cu12==11.3.0.4 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (11.3.0.4)

Requirement already satisfied: nvidia-curand-cu12==10.3.7.77 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (10.3.7.77)

Requirement already satisfied: nvidia-cusolver-cu12==11.7.1.2 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (11.7.1.2)

Requirement already satisfied: nvidia-cuspars-cu12==12.5.4.2 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (12.5.4.2)

Requirement already satisfied: nvidia-cusparselt-cu12==0.7.1 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (0.7.1)

Requirement already satisfied: nvidia-nccl-cu12==2.27.5 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (2.27.5)

Requirement already satisfied: nvidia-nvshmem-cu12==3.3.20 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (3.3.20)

```

Requirement already satisfied: nvidia-nvtx-cu12==12.6.77 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (12.6.77)
Requirement already satisfied: nvidia-nvjitlink-cu12==12.6.85 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (12.6.85)
Requirement already satisfied: nvidia-cufile-cu12==1.11.1.6 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (1.11.1.6)
Requirement already satisfied: triton==3.5.0 in /usr/local/lib/python3.12/dist-packages (from torch>=1.8.0->-r requirements.txt (line 15)) (3.5.0)
Requirement already satisfied: polars>=0.20.0 in /usr/local/lib/python3.12/dist-packages (from ultralytics>=8.2.64->-r requirements.txt (line 18)) (1.31.0)
Collecting ultralytics-thop>=2.0.18 (from ultralytics>=8.2.64->-r requirements.txt (line 18))
  Downloading ultralytics_thop-2.0.18-py3-none-any.whl.metadata (14 kB)
Requirement already satisfied: pytz>=2020.1 in /usr/local/lib/python3.12/dist-packages (from pandas>=1.1.4->-r requirements.txt (line 27)) (2025.2)
Requirement already satisfied: tzdata>=2022.7 in /usr/local/lib/python3.12/dist-packages (from pandas>=1.1.4->-r requirements.txt (line 27)) (2025.3)
Requirement already satisfied: smmap<6,>=3.0.1 in /usr/local/lib/python3.12/dist-packages (from gitdb<5,>=4.0.1->gitpython>=3.1.30->-r requirements.txt (line 5)) (5.0.2)
Requirement already satisfied: six>=1.5 in /usr/local/lib/python3.12/dist-packages (from python-dateutil>=2.7->matplotlib>=3.3->-r requirements.txt (line 6)) (1.17.0)
Requirement already satisfied: mpmath<1.4,>=1.1.0 in /usr/local/lib/python3.12/dist-packages (from sympy>=1.13.3->torch>=1.8.0->-r requirements.txt (line 15)) (1.3.0)
Requirement already satisfied: MarkupSafe>=2.0 in /usr/local/lib/python3.12/dist-packages (from jinja2->torch>=1.8.0->-r requirements.txt (line 15)) (3.0.3)
Downloading thop-0.1.1.post2209072238-py3-none-any.whl (15 kB)
Downloading ultralytics-8.4.5-py3-none-any.whl (1.2 MB)
  ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 1.2/1.2 MB 32.3 MB/s eta 0:00:00
Downloading urllib3-2.6.3-py3-none-any.whl (131 kB)
  ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 131.6/131.6 kB 13.4 MB/s eta 0:00:00
0
Downloading ultralytics_thop-2.0.18-py3-none-any.whl (28 kB)
Installing collected packages: urllib3, ultralytics-thop, thop, ultralytics
  Attempting uninstall: urllib3
    Found existing installation: urllib3 2.5.0
    Uninstalling urllib3-2.5.0:
      Successfully uninstalled urllib3-2.5.0
Successfully installed thop-0.1.1.post2209072238 ultralytics-8.4.5 ultralytics-thop-2.0.18 urllib3-2.6.3

```

```
In [3]: !nvidia-smi
```

Sat Jan 17 06:30:38 2026

```
+-----+
+-----+
| NVIDIA-SMI 550.54.15                  Driver Version: 550.54.15          CUDA Versio
n: 12.4   |
|-----+-----+
+-----+
| GPU   Name                      Persistence-M | Bus-Id        Disp.A | Volatile U
ncorr. ECC |
| Fan   Temp   Perf              Pwr:Usage/Cap |      Memory-Usage | GPU-Util
Compute M. |
|               |                        |               |
MIG M. |
|=====+=====+=====+
=====|
|    0   Tesla T4                       Off  | 00000000:00:04.0 Off |
0 |
| N/A    40C    P8                     9W / 70W |      0MiB / 15360MiB |      0%
Default |
|               |                        |               |
N/A |
+-----+-----+
+-----+
+-----+
| Processes:
|
| GPU   GI    CI          PID    Type    Process name
GPU Memory |
|      ID    ID
Usage      |
|=====+=====+=====+
=====|
| No running processes found
|
+-----+
+-----+
```

In [4]: !pip install roboflow

```
from roboflow import Roboflow
rf = Roboflow(api_key="bxRt3idV8w5Qy8zj5QLW")
project = rf.workspace("testing-f6dvv").project("road_anomalies-3f2b3")
version = project.version(1)
dataset = version.download("yolov5")
```

Collecting roboflow

Downloading roboflow-1.2.12-py3-none-any.whl.metadata (9.7 kB)

Requirement already satisfied: certifi in /usr/local/lib/python3.12/dist-packages (from roboflow) (2026.1.4)

Collecting idna==3.7 (from roboflow)

Downloading idna-3.7-py3-none-any.whl.metadata (9.9 kB)

Requirement already satisfied: cyclo in /usr/local/lib/python3.12/dist-packages (from roboflow) (0.12.1)

Requirement already satisfied: kiwisolver>=1.3.1 in /usr/local/lib/python3.12/dist-packages (from roboflow) (1.4.9)

Requirement already satisfied: matplotlib in /usr/local/lib/python3.12/dist-packages (from roboflow) (3.10.0)

Requirement already satisfied: numpy>=1.18.5 in /usr/local/lib/python3.12/dist-packages (from roboflow) (2.0.2)

Collecting opencv-python-headless==4.10.0.84 (from roboflow)

Downloading opencv\_python\_headless-4.10.0.84-cp37-abi3-manylinux\_2\_17\_x86\_64.manylinux2014\_x86\_64.whl.metadata (20 kB)

Requirement already satisfied: Pillow>=7.1.2 in /usr/local/lib/python3.12/dist-packages (from roboflow) (11.3.0)

Collecting pi-heif<2 (from roboflow)

Downloading pi\_heif-1.1.1-cp312-cp312-manylinux\_2\_27\_x86\_64.manylinux\_2\_28\_x86\_64.whl.metadata (6.5 kB)

Collecting pillow-avif-plugin<2 (from roboflow)

Downloading pillow\_avif\_plugin-1.5.2-cp312-cp312-manylinux\_2\_28\_x86\_64.whl.metadata (2.1 kB)

Requirement already satisfied: python-dateutil in /usr/local/lib/python3.12/dist-packages (from roboflow) (2.9.0.post0)

Requirement already satisfied: python-dotenv in /usr/local/lib/python3.12/dist-packages (from roboflow) (1.2.1)

Requirement already satisfied: requests in /usr/local/lib/python3.12/dist-packages (from roboflow) (2.32.4)

Requirement already satisfied: six in /usr/local/lib/python3.12/dist-packages (from roboflow) (1.17.0)

Requirement already satisfied: urllib3>=1.26.6 in /usr/local/lib/python3.12/dist-packages (from roboflow) (2.6.3)

Requirement already satisfied: tqdm>=4.41.0 in /usr/local/lib/python3.12/dist-packages (from roboflow) (4.67.1)

Requirement already satisfied: PyYAML>=5.3.1 in /usr/local/lib/python3.12/dist-packages (from roboflow) (6.0.3)

Requirement already satisfied: requests-toolbelt in /usr/local/lib/python3.12/dist-packages (from roboflow) (1.0.0)

Collecting filetype (from roboflow)

Downloading filetype-1.2.0-py2.py3-none-any.whl.metadata (6.5 kB)

Requirement already satisfied: contourpy>=1.0.1 in /usr/local/lib/python3.12/dist-packages (from matplotlib->roboflow) (1.3.3)

Requirement already satisfied: fonttools>=4.22.0 in /usr/local/lib/python3.12/dist-packages (from matplotlib->roboflow) (4.61.1)

Requirement already satisfied: packaging>=20.0 in /usr/local/lib/python3.12/dist-packages (from matplotlib->roboflow) (25.0)

Requirement already satisfied: pyparsing>=2.3.1 in /usr/local/lib/python3.12/dist-packages (from matplotlib->roboflow) (3.3.1)

Requirement already satisfied: charset-normalizer<4,>=2 in /usr/local/lib/python3.12/dist-packages (from requests->roboflow) (3.4.4)

Downloading roboflow-1.2.12-py3-none-any.whl (91 kB)

```

_____ 91.7/91.7 kB 5.5 MB/s eta 0:00:00
Downloading idna-3.7-py3-none-any.whl (66 kB)
_____ 66.8/66.8 kB 6.5 MB/s eta 0:00:00
Downloading opencv_python_headless-4.10.0.84-cp37-abi3-manylinux_2_17_x86_64.ma
nylinux2014_x86_64.whl (49.9 MB)
_____ 49.9/49.9 MB 24.3 MB/s eta 0:00:00
Downloading pi_heif-1.1.1-cp312-cp312-manylinux_2_27_x86_64.manylinux_2_28_x8
6_64.whl (1.4 MB)
_____ 1.4/1.4 MB 83.0 MB/s eta 0:00:00
Downloading pillow_avif_plugin-1.5.2-cp312-cp312-manylinux_2_28_x86_64.whl (4.2
MB)
_____ 4.2/4.2 MB 127.1 MB/s eta 0:00:00
Downloading filetype-1.2.0-py2.py3-none-any.whl (19 kB)
Installing collected packages: pillow-avif-plugin, filetype, pi-heif, opencv-py
thon-headless, idna, roboflow
  Attempting uninstall: opencv-python-headless
    Found existing installation: opencv-python-headless 4.12.0.88
    Uninstalling opencv-python-headless-4.12.0.88:
      Successfully uninstalled opencv-python-headless-4.12.0.88
  Attempting uninstall: idna
    Found existing installation: idna 3.11
    Uninstalling idna-3.11:
      Successfully uninstalled idna-3.11
Successfully installed filetype-1.2.0 idna-3.7 opencv-python-headless-4.10.0.84
pi-heif-1.1.1 pillow-avif-plugin-1.5.2 roboflow-1.2.12
loading Roboflow workspace...
loading Roboflow project...

```

```

Downloading Dataset Version Zip in road_anomalies-1 to yolov5pytorch:: 10
0%|██████████| 70204/70204 [00:02<00:00, 27454.51it/s]
Extracting Dataset Version Zip to road_anomalies-1 in yolov5pytorch:: 10
0%|██████████| 2012/2012 [00:00<00:00, 5767.96it/s]

```

```
In [6]: !python -c "import torch; print(torch.cuda.is_available())"
```

```
True
```

```
In [7]: !python train.py \
  --img 640 \
  --batch 16 \
  --epochs 100 \
  --data road_anomalies-1/data.yaml \
  --weights yolov5s.pt \
  --name road_anomaly_yolov5s
```

### Streaming output truncated to the last 5000 lines.

```
with torch.cuda.amp.autocast(amp):
    46/99      4.47G    0.03173    0.02094    0.0008731          72          640:
39% 17/44 [00:05<00:08,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    46/99      4.47G    0.03171    0.02127    0.0008623          81          640:
41% 18/44 [00:05<00:08,  2.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    46/99      4.47G    0.03192    0.02157    0.0008753          88          640:
43% 19/44 [00:05<00:07,  3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    46/99      4.47G    0.03219    0.02197    0.0009148         108          640:
45% 20/44 [00:06<00:08,  2.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    46/99      4.47G    0.03207    0.02177    0.0008857          50          640:
48% 21/44 [00:06<00:07,  3.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    46/99      4.47G    0.03224    0.0218    0.0008855          65          640:
50% 22/44 [00:06<00:07,  2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    46/99      4.47G    0.03237    0.02202    0.000862          70          640:
52% 23/44 [00:07<00:07,  2.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    46/99      4.47G    0.03244    0.02195    0.0008425          59          640:
55% 24/44 [00:07<00:08,  2.46it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    46/99      4.47G    0.03254    0.02224    0.0008362          84          640:
57% 25/44 [00:08<00:07,  2.40it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    46/99      4.47G    0.0325    0.02219    0.0008221          70          640:
59% 26/44 [00:08<00:08,  2.19it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    46/99      4.47G    0.03257    0.02239    0.0008647          86          640:
61% 27/44 [00:09<00:07,  2.23it/s]/content/yolov5/train.py:414: FutureWarning:
```



```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        46/99      4.47G    0.03263    0.02281  0.0008533          121          640:
64% 28/44 [00:09<00:08,  1.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        46/99      4.47G    0.03267    0.02294  0.0008482           74          640:
66% 29/44 [00:10<00:07,  2.10it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        46/99      4.47G    0.03262    0.02288  0.0008294           76          640:
68% 30/44 [00:10<00:06,  2.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        46/99      4.47G    0.03265    0.02283  0.0008616           70          640:
70% 31/44 [00:11<00:05,  2.29it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        46/99      4.47G    0.03264    0.02306  0.0009053           85          640:
73% 32/44 [00:11<00:05,  2.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        46/99      4.47G    0.03267    0.02303  0.0008887           79          640:
75% 33/44 [00:11<00:04,  2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        46/99      4.47G    0.0326    0.02303  0.0008755           81          640:
77% 34/44 [00:12<00:03,  2.55it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        46/99      4.47G    0.03245    0.02306  0.000863           74          640:
80% 35/44 [00:12<00:03,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        46/99      4.47G    0.0324    0.02307  0.000891           62          640:
82% 36/44 [00:12<00:02,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        46/99      4.47G    0.03233    0.02306  0.0008773           73          640:
84% 37/44 [00:13<00:02,  2.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        46/99      4.47G    0.03226    0.02293  0.0008814           50          640:

```

```

86% 38/44 [00:13<00:02, 2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      46/99      4.47G    0.03221    0.02283  0.0009139          70          640:
89% 39/44 [00:13<00:01, 3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      46/99      4.47G    0.03219    0.02294  0.0009063          86          640:
91% 40/44 [00:14<00:01, 2.78it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      46/99      4.47G    0.0323    0.02287  0.0008916          63          640:
93% 41/44 [00:14<00:00, 3.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      46/99      4.47G    0.0323    0.02305  0.0008899          100          640:
95% 42/44 [00:14<00:00, 3.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      46/99      4.47G    0.03232    0.02306  0.0008751          76          640:
98% 43/44 [00:15<00:00, 2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      46/99      4.47G    0.03236    0.02299  0.0008621          51          640:
100% 44/44 [00:15<00:00, 2.84it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00, 2.55it/s]
      all      200      534      0.682      0.644      0.679
0.373

```

```

      Epoch      GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      47/99      4.47G    0.03379    0.02749  0.0009573          84          640:
2% 1/44 [00:00<00:08, 4.96it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      47/99      4.47G    0.0327    0.02578  0.0007158          87          640:
5% 2/44 [00:00<00:09, 4.28it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      47/99      4.47G    0.03268    0.02421  0.0008608          65          640:
7% 3/44 [00:00<00:09, 4.17it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    47/99      4.47G    0.03339    0.02369  0.0007347          76          640:
9% 4/44 [00:01<00:10,  3.80it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    47/99      4.47G    0.03316    0.02471  0.000671          88          640:
11% 5/44 [00:01<00:10,  3.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    47/99      4.47G    0.03307    0.02439  0.0006519          74          640:
14% 6/44 [00:01<00:09,  3.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    47/99      4.47G    0.03272    0.02349  0.0006365          61          640:
16% 7/44 [00:01<00:09,  3.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    47/99      4.47G    0.03262    0.02404  0.0006121          93          640:
18% 8/44 [00:02<00:13,  2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    47/99      4.47G    0.03239    0.02371  0.000584          68          640:
20% 9/44 [00:02<00:11,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    47/99      4.47G    0.03187    0.02329  0.0005992          63          640:
23% 10/44 [00:03<00:14,  2.36it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    47/99      4.47G    0.03211    0.02344  0.0006478          87          640:
25% 11/44 [00:03<00:12,  2.68it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    47/99      4.47G    0.03196    0.0229  0.0006188          53          640:
27% 12/44 [00:04<00:14,  2.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    47/99      4.47G    0.03193    0.02264  0.0005892          64          640:
30% 13/44 [00:04<00:13,  2.35it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    47/99      4.47G    0.03165    0.02252  0.0005743          72          640:
32% 14/44 [00:05<00:13,  2.14it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.03169    0.02268  0.0005587          89          640:
34% 15/44 [00:05<00:13,  2.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.03181    0.02296  0.0005437          87          640:
36% 16/44 [00:05<00:12,  2.19it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.03167    0.02276  0.0005411          71          640:
39% 17/44 [00:06<00:10,  2.57it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.03169    0.02302  0.0005292          90          640:
41% 18/44 [00:06<00:10,  2.40it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.0317    0.02316  0.0005187          93          640:
43% 19/44 [00:06<00:09,  2.68it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.03147    0.02291  0.0005161          62          640:
45% 20/44 [00:07<00:09,  2.43it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.03145    0.02302  0.0005193          85          640:
48% 21/44 [00:07<00:08,  2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.03145    0.02274  0.0005881          54          640:
50% 22/44 [00:08<00:08,  2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.03151    0.02294  0.0005904          83          640:
52% 23/44 [00:08<00:07,  2.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.03166    0.02287  0.0005944          67          640:
55% 24/44 [00:08<00:07,  2.65it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.03181    0.02297  0.0005805          82          640:

```

```

57% 25/44 [00:09<00:06, 3.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.03187    0.02291  0.0005714          69          640:
59% 26/44 [00:09<00:06, 2.72it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.0318    0.02287  0.0005607          76          640:
61% 27/44 [00:09<00:05, 3.10it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.03181    0.0228  0.0005595          64          640:
64% 28/44 [00:10<00:05, 2.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.0318    0.02267  0.0005504          61          640:
66% 29/44 [00:10<00:04, 3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.03175    0.02293  0.000552          92          640:
68% 30/44 [00:10<00:04, 3.35it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.03171    0.02277  0.0006598          58          640:
70% 31/44 [00:11<00:04, 3.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.03168    0.02279  0.0006521          76          640:
73% 32/44 [00:11<00:04, 3.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.03174    0.02278  0.0006382          61          640:
75% 33/44 [00:11<00:03, 3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.0317    0.02291  0.0006321          80          640:
77% 34/44 [00:12<00:03, 3.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        47/99      4.47G    0.03168    0.02286  0.0006219          59          640:
80% 35/44 [00:12<00:03, 2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

47/99      4.47G    0.03168    0.02303  0.0006127          84      640:
82% 36/44 [00:12<00:02,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
47/99      4.47G    0.03173    0.02301  0.0006409          69      640:
84% 37/44 [00:13<00:02,  3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
47/99      4.47G    0.0318    0.0229  0.0006611          59      640:
86% 38/44 [00:13<00:01,  3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
47/99      4.47G    0.03184    0.02305  0.0006516          93      640:
89% 39/44 [00:13<00:01,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
47/99      4.47G    0.03182    0.02299  0.0006419          68      640:
91% 40/44 [00:14<00:01,  3.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
47/99      4.47G    0.03181    0.02288  0.0006318          59      640:
93% 41/44 [00:14<00:01,  3.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
47/99      4.47G    0.03174    0.02287  0.0006238          69      640:
95% 42/44 [00:14<00:00,  3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
47/99      4.47G    0.03177    0.02281  0.0006176          79      640:
98% 43/44 [00:15<00:00,  2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
47/99      4.47G    0.0317    0.02271  0.0006093          47      640:
100% 44/44 [00:15<00:00,  2.86it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:03<00:00,  1.92it/s]
      all      200      534      0.684      0.614      0.669
0.367

```

```

Epoch    GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.c
uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cud
a', args...)` instead.
  with torch.cuda.amp.autocast(amp):
48/99      4.47G    0.03767    0.02098  0.0004171          70      640:
2% 1/44 [00:00<00:08,  4.99it/s]/content/yolov5/train.py:414: FutureWarning: `t

```

```

orch.cuda.amp.autocast(args...) is deprecated. Please use torch.amp.autocast('cuda', args...) instead.
  with torch.cuda.amp.autocast(amp):
    48/99      4.47G      0.033      0.02136  0.0008858      73      640:
5% 2/44 [00:00<00:09,  4.26it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...) is deprecated. Please use torch.amp.autocast('cuda', args...) instead.
  with torch.cuda.amp.autocast(amp):
    48/99      4.47G      0.03331      0.02033  0.0006731      58      640:
7% 3/44 [00:00<00:09,  4.17it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...) is deprecated. Please use torch.amp.autocast('cuda', args...) instead.
  with torch.cuda.amp.autocast(amp):
    48/99      4.47G      0.03283      0.02147  0.0005749      68      640:
9% 4/44 [00:01<00:11,  3.55it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...) is deprecated. Please use torch.amp.autocast('cuda', args...) instead.
  with torch.cuda.amp.autocast(amp):
    48/99      4.47G      0.03298      0.02408  0.0005553      106      640:
11% 5/44 [00:01<00:09,  3.93it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...) is deprecated. Please use torch.amp.autocast('cuda', args...) instead.
  with torch.cuda.amp.autocast(amp):
    48/99      4.47G      0.03327      0.02462  0.0005258      79      640:
14% 6/44 [00:01<00:09,  3.97it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...) is deprecated. Please use torch.amp.autocast('cuda', args...) instead.
  with torch.cuda.amp.autocast(amp):
    48/99      4.47G      0.03334      0.02519  0.000883      86      640:
16% 7/44 [00:01<00:08,  4.13it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...) is deprecated. Please use torch.amp.autocast('cuda', args...) instead.
  with torch.cuda.amp.autocast(amp):
    48/99      4.47G      0.03317      0.02717  0.000843      143      640:
18% 8/44 [00:02<00:11,  3.24it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...) is deprecated. Please use torch.amp.autocast('cuda', args...) instead.
  with torch.cuda.amp.autocast(amp):
    48/99      4.47G      0.03289      0.0271  0.0008304      80      640:
20% 9/44 [00:02<00:10,  3.48it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...) is deprecated. Please use torch.amp.autocast('cuda', args...) instead.
  with torch.cuda.amp.autocast(amp):
    48/99      4.47G      0.03291      0.02617  0.0008995      62      640:
23% 10/44 [00:02<00:11,  3.03it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...) is deprecated. Please use torch.amp.autocast('cuda', args...) instead.
  with torch.cuda.amp.autocast(amp):
    48/99      4.47G      0.03288      0.02543  0.0008516      58      640:
25% 11/44 [00:03<00:10,  3.29it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...) is deprecated. Please use torch.amp.autocast('cuda', args...) instead.
  with torch.cuda.amp.autocast(amp):
    48/99      4.47G      0.03274      0.02484  0.0008023      64      640:

```

```

27% 12/44 [00:03<00:11, 2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        48/99      4.47G    0.03242    0.02451    0.000759          71          640:
30% 13/44 [00:03<00:09, 3.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        48/99      4.47G    0.0322    0.02421    0.000737          64          640:
32% 14/44 [00:04<00:10, 2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        48/99      4.47G    0.03233    0.02402    0.0007292          73          640:
34% 15/44 [00:04<00:09, 3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        48/99      4.47G    0.03218    0.0236    0.0007056          61          640:
36% 16/44 [00:04<00:10, 2.65it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        48/99      4.47G    0.03231    0.02334    0.0006772          63          640:
39% 17/44 [00:05<00:09, 2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        48/99      4.47G    0.03224    0.02312    0.0007416          58          640:
41% 18/44 [00:05<00:09, 2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        48/99      4.47G    0.03211    0.02296    0.0007174          66          640:
43% 19/44 [00:05<00:07, 3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        48/99      4.47G    0.03193    0.02284    0.0006967          78          640:
45% 20/44 [00:06<00:08, 2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        48/99      4.47G    0.03182    0.02283    0.0006835          75          640:
48% 21/44 [00:06<00:07, 3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        48/99      4.47G    0.0317    0.02308    0.0006721          93          640:
50% 22/44 [00:06<00:07, 2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```



```

48/99      4.47G      0.0317      0.02305  0.0006924      70      640:
52% 23/44 [00:07<00:06,  3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
48/99      4.47G      0.03171      0.0234  0.0006855      95      640:
55% 24/44 [00:07<00:07,  2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
48/99      4.47G      0.03172      0.02335  0.0006718      75      640:
57% 25/44 [00:07<00:06,  3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
48/99      4.47G      0.03165      0.02309  0.0006738      50      640:
59% 26/44 [00:08<00:05,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
48/99      4.47G      0.03161      0.02348  0.0006611     114      640:
61% 27/44 [00:08<00:05,  3.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
48/99      4.47G      0.03164      0.02373  0.0006516      95      640:
64% 28/44 [00:08<00:05,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
48/99      4.47G      0.03156      0.02348  0.0006419      59      640:
66% 29/44 [00:09<00:04,  3.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
48/99      4.47G      0.03156      0.02331  0.0006337      64      640:
68% 30/44 [00:09<00:04,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
48/99      4.47G      0.03168      0.0236  0.0006232     109      640:
70% 31/44 [00:09<00:04,  3.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
48/99      4.47G      0.03171      0.02365  0.0006153      75      640:
73% 32/44 [00:10<00:05,  2.33it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
48/99      4.47G      0.03189      0.02368  0.0007556      65      640:
75% 33/44 [00:10<00:04,  2.51it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    48/99      4.47G    0.03191    0.02364  0.0008113          78          640:
77% 34/44 [00:11<00:04,  2.19it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    48/99      4.47G    0.03191    0.02377  0.0007961          101          640:
80% 35/44 [00:11<00:03,  2.49it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    48/99      4.47G    0.03192    0.02375  0.0007839          79          640:
82% 36/44 [00:12<00:03,  2.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    48/99      4.47G    0.03189    0.02366  0.0007782          65          640:
84% 37/44 [00:12<00:02,  2.41it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    48/99      4.47G    0.03186    0.0237  0.0007815          85          640:
86% 38/44 [00:13<00:02,  2.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    48/99      4.47G    0.03189    0.02368  0.0007788          60          640:
89% 39/44 [00:13<00:02,  2.37it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    48/99      4.47G    0.03198    0.02368  0.0007746          86          640:
91% 40/44 [00:14<00:01,  2.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    48/99      4.47G    0.03199    0.02356  0.0007677          57          640:
93% 41/44 [00:14<00:01,  2.52it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    48/99      4.47G    0.03205    0.0237  0.0008628          85          640:
95% 42/44 [00:14<00:00,  2.54it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    48/99      4.47G    0.03205    0.02376  0.0008507          94          640:
98% 43/44 [00:15<00:00,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    48/99      4.47G    0.03214    0.02381  0.0008393          60          640:
100% 44/44 [00:15<00:00,  2.88it/s]

```

	Class	Images	Instances	P	R	mAP50
--	-------	--------	-----------	---	---	-------

mAP50-95: 100% 7/7 [00:02<00:00, 2.75it/s]  
all 200 534 0.726 0.631 0.687  
0.38

Epoch	GPU_mem	box_loss	obj_loss	cls_loss	Instances	Size
0% 0/44 [00:00<?, ?it/s]						
/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
49/99	4.47G	0.03731	0.03072	0.0003497	115	640:
2% 1/44 [00:00<00:08, 4.95it/s]						
/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
49/99	4.47G	0.03496	0.02864	0.0004484	85	640:
5% 2/44 [00:00<00:09, 4.31it/s]						
/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
49/99	4.47G	0.0326	0.02633	0.0003848	69	640:
7% 3/44 [00:00<00:09, 4.23it/s]						
/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
49/99	4.47G	0.0317	0.02704	0.000402	98	640:
9% 4/44 [00:01<00:11, 3.52it/s]						
/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
49/99	4.47G	0.03142	0.02631	0.0005421	78	640:
11% 5/44 [00:01<00:10, 3.73it/s]						
/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
49/99	4.47G	0.03146	0.02658	0.0005097	81	640:
14% 6/44 [00:01<00:09, 3.85it/s]						
/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
49/99	4.47G	0.03195	0.02628	0.0004725	76	640:
16% 7/44 [00:01<00:09, 4.01it/s]						
/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
49/99	4.47G	0.03235	0.0263	0.0004747	88	640:
18% 8/44 [00:02<00:09, 3.75it/s]						
/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
49/99	4.47G	0.03222	0.02677	0.0004634	111	640:
20% 9/44 [00:02<00:10, 3.36it/s]						
/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						

```

49/99      4.47G    0.03238    0.02638  0.0004479          68      640:
23% 10/44 [00:02<00:09, 3.55it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
49/99      4.47G    0.03231    0.02591  0.0005918          67      640:
25% 11/44 [00:03<00:12, 2.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
49/99      4.47G    0.03251    0.02578  0.0006187          94      640:
27% 12/44 [00:03<00:11, 2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
49/99      4.47G    0.03227    0.02533  0.0005987          63      640:
30% 13/44 [00:03<00:11, 2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
49/99      4.47G    0.03212    0.02471  0.0005763          60      640:
32% 14/44 [00:04<00:09, 3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
49/99      4.47G    0.03209    0.02479  0.000559          83      640:
34% 15/44 [00:04<00:10, 2.65it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
49/99      4.47G    0.03193    0.02479  0.0005434          89      640:
36% 16/44 [00:04<00:09, 2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
49/99      4.47G    0.03172    0.02453  0.0005407          68      640:
39% 17/44 [00:05<00:09, 2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
49/99      4.47G    0.03158    0.02457  0.0005231          87      640:
41% 18/44 [00:05<00:08, 3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
49/99      4.47G    0.03174    0.02421  0.0005529          58      640:
43% 19/44 [00:06<00:10, 2.35it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
49/99      4.47G    0.03159    0.02403  0.0005555          65      640:
45% 20/44 [00:06<00:09, 2.42it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03168    0.02431  0.0005472          99      640:
48% 21/44 [00:07<00:10,  2.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03178    0.02406  0.0005365          60      640:
50% 22/44 [00:07<00:08,  2.46it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03193    0.02402  0.0005281          67      640:
52% 23/44 [00:08<00:10,  2.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03193    0.02381  0.0005177          59      640:
55% 24/44 [00:08<00:08,  2.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03179    0.02386  0.0005223          86      640:
57% 25/44 [00:09<00:09,  1.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03162    0.02373  0.0005189          76      640:
59% 26/44 [00:09<00:07,  2.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.0317    0.02381  0.0005577          77      640:
61% 27/44 [00:09<00:07,  2.31it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.0317    0.02378  0.000547          75      640:
64% 28/44 [00:10<00:06,  2.55it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03162    0.02374  0.0005341          72      640:
66% 29/44 [00:10<00:05,  2.79it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03175    0.02359  0.0007141          67      640:
68% 30/44 [00:10<00:04,  3.19it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03168    0.02364  0.000739          76      640:
70% 31/44 [00:11<00:04,  2.62it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03154    0.02369  0.0007736          88          640:
73% 32/44 [00:11<00:04,  2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03152    0.02358  0.0007601          71          640:
75% 33/44 [00:11<00:03,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03153    0.02344  0.0007614          59          640:
77% 34/44 [00:12<00:03,  3.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03149    0.02352  0.0007524          102         640:
80% 35/44 [00:12<00:02,  3.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03147    0.02362  0.0007392          88          640:
82% 36/44 [00:12<00:02,  3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03146    0.02349  0.0007401          62          640:
84% 37/44 [00:12<00:02,  3.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03154    0.02335  0.0007321          48          640:
86% 38/44 [00:13<00:01,  3.28it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03157    0.02337  0.0007575          76          640:
89% 39/44 [00:13<00:01,  3.27it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03158    0.02341  0.0007496          93          640:
91% 40/44 [00:13<00:01,  3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03165    0.02337  0.0007427          66          640:
93% 41/44 [00:14<00:01,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03161    0.02323  0.0007311          61          640:
95% 42/44 [00:14<00:00,  3.23it/s]/content/yolov5/train.py:414: FutureWarning:

```

```
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03155    0.0232  0.0007278          77          640:
98% 43/44 [00:15<00:00,  2.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    49/99      4.47G    0.03149    0.02321  0.0007175          52          640:
100% 44/44 [00:15<00:00,  2.87it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.74it/s]
      all        200      534      0.68    0.633    0.681
0.369
```

```
      Epoch      GPU_mem    box_loss    obj_loss    cls_loss  Instances      Size
  0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      50/99      4.47G    0.03404    0.0185  0.0004793          57          640:
  2% 1/44 [00:00<00:08,  5.02it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      50/99      4.47G    0.03278    0.01894  0.0006264          63          640:
  5% 2/44 [00:00<00:10,  3.93it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      50/99      4.47G    0.03379    0.01848  0.0006646          51          640:
  7% 3/44 [00:00<00:10,  4.07it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      50/99      4.47G    0.03326    0.02109  0.0005783          89          640:
  9% 4/44 [00:01<00:11,  3.61it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      50/99      4.47G    0.03233    0.02032  0.0009964          61          640:
 11% 5/44 [00:01<00:10,  3.68it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      50/99      4.47G    0.03225    0.02122  0.0008671          78          640:
 14% 6/44 [00:01<00:10,  3.67it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      50/99      4.47G    0.0325    0.02184  0.0009279          73          640:
 16% 7/44 [00:01<00:10,  3.42it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
```

```

with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03271    0.0221  0.0008528          69          640:
18% 8/44 [00:02<00:15,  2.40it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.0327    0.0223  0.000785          82          640:
20% 9/44 [00:02<00:13,  2.65it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03227    0.02147  0.0007302          43          640:
23% 10/44 [00:03<00:14,  2.33it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.0322    0.02148  0.0007191          71          640:
25% 11/44 [00:03<00:13,  2.48it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03271    0.02124  0.0006977          56          640:
27% 12/44 [00:04<00:15,  2.05it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03264    0.02192  0.0006798          96          640:
30% 13/44 [00:04<00:12,  2.43it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03236    0.02176  0.0006869          65          640:
32% 14/44 [00:05<00:13,  2.29it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03212    0.02164  0.0006628          59          640:
34% 15/44 [00:05<00:11,  2.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.0323    0.02173  0.0006383          77          640:
36% 16/44 [00:05<00:10,  2.59it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03263    0.02215  0.0006162          89          640:
39% 17/44 [00:06<00:09,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03255    0.02217  0.0005953          77          640:
41% 18/44 [00:06<00:08,  2.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```



```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03262    0.02219    0.000579          67          640:
43% 19/44 [00:06<00:08,  3.05it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03244    0.02231    0.0006163          70          640:
45% 20/44 [00:07<00:08,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03241    0.02215    0.0006063          55          640:
48% 21/44 [00:07<00:08,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03236    0.02229    0.0006154          87          640:
50% 22/44 [00:07<00:06,  3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03236    0.02213    0.0006719          60          640:
52% 23/44 [00:08<00:07,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03233    0.02218    0.000654          84          640:
55% 24/44 [00:08<00:06,  2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03222    0.02216    0.0006388          73          640:
57% 25/44 [00:08<00:06,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03235    0.02228    0.0006396          82          640:
59% 26/44 [00:09<00:05,  3.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03239    0.02225    0.0006263          76          640:
61% 27/44 [00:09<00:06,  2.72it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03223    0.02223    0.0006304          67          640:
64% 28/44 [00:09<00:05,  2.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    50/99      4.47G    0.03217    0.02218    0.0006251          71          640:
66% 29/44 [00:10<00:05,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        50/99      4.47G      0.0322      0.02197      0.0006218          47          640:
68% 30/44 [00:10<00:04,  2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        50/99      4.47G      0.03206      0.02179      0.000626          47          640:
70% 31/44 [00:10<00:04,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        50/99      4.47G      0.032      0.02187      0.0006414          69          640:
73% 32/44 [00:11<00:04,  2.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        50/99      4.47G      0.03186      0.02177      0.0007373          57          640:
75% 33/44 [00:11<00:03,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        50/99      4.47G      0.03185      0.02185      0.0007287          75          640:
77% 34/44 [00:11<00:03,  3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        50/99      4.47G      0.03178      0.02201      0.0007161          96          640:
80% 35/44 [00:12<00:02,  3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        50/99      4.47G      0.03176      0.02191      0.0007043          58          640:
82% 36/44 [00:12<00:02,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        50/99      4.47G      0.03171      0.0219      0.0007514          74          640:
84% 37/44 [00:12<00:02,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        50/99      4.47G      0.03161      0.02186      0.0007435          66          640:
86% 38/44 [00:13<00:02,  2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        50/99      4.47G      0.03158      0.02179      0.0007306          65          640:
89% 39/44 [00:13<00:01,  3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        50/99      4.47G      0.03169      0.02201      0.0007325          103          640:

```

```

91% 40/44 [00:13<00:01, 2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        50/99      4.47G    0.03171    0.02208    0.0007212          86          640:
93% 41/44 [00:14<00:01, 2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        50/99      4.47G    0.03169    0.02205    0.0007112          73          640:
95% 42/44 [00:14<00:00, 3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        50/99      4.47G    0.0317    0.02203    0.0007063          65          640:
98% 43/44 [00:15<00:00, 2.53it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        50/99      4.47G    0.0317    0.02215    0.0006971          71          640:
100% 44/44 [00:15<00:00, 2.83it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:03<00:00, 2.02it/s]
          all        200        534      0.698    0.627    0.67
0.372

```

```

      Epoch      GPU_mem    box_loss    obj_loss    cls_loss  Instances      Size
  0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.c
uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cud
a', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G    0.03143    0.02639    0.002145          84          640:
  2% 1/44 [00:00<00:08, 4.95it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G    0.03122    0.02295    0.003389          58          640:
  5% 2/44 [00:00<00:08, 4.86it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G    0.0311    0.02065    0.002461          45          640:
  7% 3/44 [00:00<00:09, 4.38it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G    0.03153    0.02138    0.001907          70          640:
  9% 4/44 [00:00<00:10, 3.84it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G    0.03115    0.02264    0.001595          103          640:
 11% 5/44 [00:01<00:09, 3.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    51/99      4.47G    0.03196    0.02271    0.001462          83          640:
14% 6/44 [00:01<00:09,  3.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    51/99      4.47G    0.03193    0.02325    0.00145          82          640:
16% 7/44 [00:01<00:09,  3.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    51/99      4.47G    0.03223    0.02418    0.001336         104          640:
18% 8/44 [00:02<00:10,  3.52it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    51/99      4.47G    0.03228    0.02478    0.001291         110          640:
20% 9/44 [00:02<00:09,  3.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    51/99      4.47G    0.03233    0.02433    0.00119          65          640:
23% 10/44 [00:02<00:11,  2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    51/99      4.47G    0.03205    0.02406    0.001127          70          640:
25% 11/44 [00:03<00:10,  3.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    51/99      4.47G    0.03187    0.02386    0.001065          69          640:
27% 12/44 [00:03<00:12,  2.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    51/99      4.47G    0.03203    0.02407    0.00101          89          640:
30% 13/44 [00:03<00:10,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    51/99      4.47G    0.03183    0.02388    0.0009577         77          640:
32% 14/44 [00:04<00:11,  2.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    51/99      4.47G    0.03183    0.02385    0.001012          67          640:
34% 15/44 [00:04<00:09,  3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    51/99      4.47G    0.03179    0.02386    0.001096          86          640:
36% 16/44 [00:04<00:09,  2.97it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G      0.0317      0.02341      0.001061          47          640:
39% 17/44 [00:05<00:08,  3.27it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G      0.0317      0.02368      0.001018          89          640:
41% 18/44 [00:05<00:09,  2.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G      0.03163      0.02382      0.0009862          77          640:
43% 19/44 [00:05<00:08,  3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G      0.03162      0.02352      0.0009516          63          640:
45% 20/44 [00:06<00:08,  2.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G      0.03164      0.02359      0.0009284          82          640:
48% 21/44 [00:06<00:07,  3.20it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G      0.03161      0.02346      0.0009129          70          640:
50% 22/44 [00:06<00:07,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G      0.03145      0.02333      0.0009194          54          640:
52% 23/44 [00:07<00:06,  3.28it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G      0.03133      0.02321      0.0009008          75          640:
55% 24/44 [00:07<00:07,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G      0.0314      0.02375      0.0008782          133          640:
57% 25/44 [00:07<00:06,  3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G      0.03133      0.02353      0.0009632          59          640:
59% 26/44 [00:08<00:05,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G      0.03121      0.02353      0.0009403          78          640:

```

```

61% 27/44 [00:08<00:05, 3.27it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G    0.03115    0.02376    0.0009206      81      640:
64% 28/44 [00:09<00:07, 2.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G    0.03117    0.02361    0.0009      64      640:
66% 29/44 [00:09<00:06, 2.50it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G    0.03122    0.02349    0.000899      52      640:
68% 30/44 [00:10<00:06, 2.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G    0.03121    0.02337    0.0008798      77      640:
70% 31/44 [00:10<00:05, 2.42it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G    0.03122    0.02332    0.0008903      90      640:
73% 32/44 [00:11<00:05, 2.10it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G    0.03129    0.02336    0.0009062      75      640:
75% 33/44 [00:11<00:04, 2.42it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G    0.03113    0.02315    0.0009055      56      640:
77% 34/44 [00:11<00:04, 2.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G    0.03098    0.02304    0.0008918      67      640:
80% 35/44 [00:12<00:03, 2.44it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G    0.03096    0.02314    0.0008856      88      640:
82% 36/44 [00:12<00:03, 2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        51/99      4.47G    0.03106    0.02317    0.0008776      68      640:
84% 37/44 [00:12<00:02, 2.59it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

51/99      4.47G    0.03101    0.02333  0.0008622          94      640:
86% 38/44 [00:13<00:01,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
51/99      4.47G    0.03101    0.02334  0.0008495          78      640:
89% 39/44 [00:13<00:01,  2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
51/99      4.47G    0.03106    0.02329  0.0008373          65      640:
91% 40/44 [00:13<00:01,  2.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
51/99      4.47G    0.03106    0.02325  0.0008235          76      640:
93% 41/44 [00:14<00:01,  2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
51/99      4.47G    0.03107    0.02327  0.0008108          78      640:
95% 42/44 [00:14<00:00,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
51/99      4.47G    0.03106    0.02312  0.0008013          61      640:
98% 43/44 [00:14<00:00,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
51/99      4.47G    0.03111    0.02295  0.0007895          35      640:
100% 44/44 [00:15<00:00,  2.90it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.46it/s]
      all      200      534      0.71      0.635      0.702
0.384

```

```

Epoch  GPU_mem  box_loss  obj_loss  cls_loss  Instances  Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.c
uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cud
a', args...)` instead.
  with torch.cuda.amp.autocast(amp):
52/99      4.47G    0.03421    0.0262    0.001374          87      640:
2% 1/44 [00:00<00:08,  4.99it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
52/99      4.47G    0.03303    0.02653    0.000824          79      640:
5% 2/44 [00:00<00:10,  3.83it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
52/99      4.47G    0.0326    0.0261    0.0006586          87      640:
7% 3/44 [00:00<00:10,  3.86it/s]/content/yolov5/train.py:414: FutureWarning: `t

```

```

orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G    0.03225    0.02463  0.0007529          65          640:
9% 4/44 [00:01<00:11,  3.53it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G    0.03248    0.02404  0.0007814          81          640:
11% 5/44 [00:01<00:09,  3.90it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G    0.03326    0.02475  0.0007193          92          640:
14% 6/44 [00:01<00:09,  4.16it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G    0.03316    0.02424  0.0006593          76          640:
16% 7/44 [00:01<00:09,  4.08it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G    0.03351    0.02427  0.0006361          76          640:
18% 8/44 [00:02<00:09,  3.73it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G    0.0335    0.02402  0.0006103          66          640:
20% 9/44 [00:02<00:11,  3.18it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G    0.03337    0.02413  0.0005936          92          640:
23% 10/44 [00:02<00:10,  3.38it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G    0.03305    0.02382  0.000667          67          640:
25% 11/44 [00:03<00:11,  2.98it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G    0.03289    0.02288  0.0006462          40          640:
27% 12/44 [00:03<00:10,  2.99it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G    0.03337    0.02259  0.0007575          62          640:
30% 13/44 [00:04<00:12,  2.48it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G    0.033    0.02271  0.0007253          80          640:

```



```

32% 14/44 [00:04<00:11, 2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G      0.0331      0.02274  0.0007113          67          640:
34% 15/44 [00:04<00:13, 2.21it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G      0.03279      0.02267  0.0007151          69          640:
36% 16/44 [00:05<00:12, 2.30it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G      0.03289      0.02258  0.0006955          69          640:
39% 17/44 [00:06<00:13, 1.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G      0.03272      0.02254  0.0007041          64          640:
41% 18/44 [00:06<00:11, 2.30it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G      0.03247      0.02245  0.0006832          73          640:
43% 19/44 [00:07<00:12, 1.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G      0.0323      0.02215  0.0007011          58          640:
45% 20/44 [00:07<00:10, 2.27it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G      0.03229      0.02242  0.0006949          82          640:
48% 21/44 [00:07<00:10, 2.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G      0.03215      0.02247  0.0006741          79          640:
50% 22/44 [00:08<00:08, 2.59it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G      0.03208      0.02215  0.0008103          41          640:
52% 23/44 [00:08<00:09, 2.30it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        52/99      4.47G      0.03205      0.02217  0.0007881          79          640:
55% 24/44 [00:08<00:08, 2.49it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

52/99      4.47G    0.03207    0.0222  0.0007799          68      640:
57% 25/44 [00:09<00:07,  2.41it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
52/99      4.47G    0.03199    0.02229  0.0007601          84      640:
59% 26/44 [00:09<00:06,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
52/99      4.47G    0.03205    0.02232  0.0007455          80      640:
61% 27/44 [00:09<00:06,  2.79it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
52/99      4.47G    0.03203    0.02209    0.00073          49      640:
64% 28/44 [00:10<00:05,  2.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
52/99      4.47G    0.03192    0.02205  0.0007151          68      640:
66% 29/44 [00:10<00:06,  2.48it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
52/99      4.47G    0.03187    0.02212  0.0007141          85      640:
68% 30/44 [00:11<00:05,  2.75it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
52/99      4.47G    0.03186    0.02233  0.0006988          97      640:
70% 31/44 [00:11<00:04,  2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
52/99      4.47G    0.03184    0.02226  0.0006864          57      640:
73% 32/44 [00:11<00:04,  2.75it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
52/99      4.47G    0.03183    0.02202    0.000674          47      640:
75% 33/44 [00:12<00:03,  2.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
52/99      4.47G    0.03191    0.0221  0.0006622          73      640:
77% 34/44 [00:12<00:03,  3.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
52/99      4.47G    0.03185    0.0221  0.0006502          73      640:
80% 35/44 [00:12<00:03,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    52/99      4.47G    0.03201    0.02203    0.0006687          52          640:
82% 36/44 [00:13<00:02,  2.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    52/99      4.47G    0.03207    0.02215    0.0006623          86          640:
84% 37/44 [00:13<00:02,  2.68it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    52/99      4.47G    0.03206    0.02215    0.0006522          63          640:
86% 38/44 [00:13<00:02,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    52/99      4.47G    0.03204    0.02247    0.0006414         112          640:
89% 39/44 [00:14<00:01,  2.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    52/99      4.47G    0.03207    0.02263    0.0006348         104          640:
91% 40/44 [00:14<00:01,  3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    52/99      4.47G    0.03198    0.02255    0.0006874          55          640:
93% 41/44 [00:14<00:01,  2.75it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    52/99      4.47G    0.03203    0.02255    0.0007063          69          640:
95% 42/44 [00:15<00:00,  3.05it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    52/99      4.47G    0.03189    0.02249    0.0006994          71          640:
98% 43/44 [00:15<00:00,  2.79it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    52/99      4.47G    0.03194    0.02265    0.0006898          76          640:
100% 44/44 [00:15<00:00,  2.78it/s]
      Class      Images  Instances      P          R      mAP50
mAP50-95: 100% 7/7 [00:03<00:00,  2.14it/s]
      all        200      534      0.698      0.65      0.691
0.374

```

```

Epoch    GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03082    0.01896    0.0002692          69          640:

```

```

2% 1/44 [00:00<00:10, 4.07it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        53/99      4.47G    0.02996    0.01824  0.0004182          60          640:
5% 2/44 [00:00<00:11, 3.61it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        53/99      4.47G    0.03098    0.01969  0.0003772          70          640:
7% 3/44 [00:00<00:10, 3.80it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        53/99      4.47G    0.03224    0.02164  0.0007206          85          640:
9% 4/44 [00:01<00:11, 3.37it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        53/99      4.47G    0.03205    0.02072  0.0006339          59          640:
11% 5/44 [00:01<00:10, 3.63it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        53/99      4.47G    0.03214    0.02087  0.0005813          72          640:
14% 6/44 [00:01<00:10, 3.74it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        53/99      4.47G    0.03245    0.02049  0.00061          58          640:
16% 7/44 [00:01<00:09, 3.95it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        53/99      4.47G    0.03273    0.02037  0.0005735          72          640:
18% 8/44 [00:02<00:10, 3.49it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        53/99      4.47G    0.03279    0.02056  0.0005406          72          640:
20% 9/44 [00:02<00:09, 3.83it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        53/99      4.47G    0.03199    0.02054  0.0005134          65          640:
23% 10/44 [00:02<00:11, 2.87it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        53/99      4.47G    0.03184    0.02061  0.0005102          70          640:
25% 11/44 [00:03<00:10, 3.16it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

53/99      4.47G    0.03172    0.02076    0.000495          78          640:
27% 12/44 [00:03<00:11,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
53/99      4.47G    0.03171    0.02091    0.0004776          87          640:
30% 13/44 [00:03<00:10,  3.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
53/99      4.47G    0.03129    0.02049    0.0004632          53          640:
32% 14/44 [00:04<00:10,  2.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
53/99      4.47G    0.03111    0.02037    0.000456          66          640:
34% 15/44 [00:04<00:08,  3.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
53/99      4.47G    0.031    0.02061    0.0004424          72          640:
36% 16/44 [00:05<00:10,  2.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
53/99      4.47G    0.03091    0.02042    0.0004336          57          640:
39% 17/44 [00:05<00:09,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
53/99      4.47G    0.0309    0.02065    0.0004412          75          640:
41% 18/44 [00:05<00:09,  2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
53/99      4.47G    0.03087    0.02096    0.0004294          88          640:
43% 19/44 [00:06<00:08,  2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
53/99      4.47G    0.03091    0.02066    0.0004205          53          640:
45% 20/44 [00:06<00:09,  2.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
53/99      4.47G    0.03104    0.02045    0.0004391          54          640:
48% 21/44 [00:06<00:07,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
53/99      4.47G    0.0312    0.02054    0.0004344          80          640:
50% 22/44 [00:07<00:08,  2.62it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03095    0.02038  0.0004246          56          640:
52% 23/44 [00:07<00:07,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03107    0.0208  0.0004162          103          640:
55% 24/44 [00:07<00:07,  2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03107    0.02089  0.0004098          79          640:
57% 25/44 [00:08<00:06,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03115    0.02111  0.0004097          75          640:
59% 26/44 [00:08<00:07,  2.55it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03117    0.02098  0.0005559          55          640:
61% 27/44 [00:08<00:05,  2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03138    0.02115  0.0005466          71          640:
64% 28/44 [00:09<00:05,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03122    0.02113  0.0005815          67          640:
66% 29/44 [00:09<00:04,  3.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03128    0.02104  0.000571          66          640:
68% 30/44 [00:10<00:05,  2.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03119    0.02103  0.000561          66          640:
70% 31/44 [00:10<00:04,  2.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03119    0.02107  0.0005511          76          640:
73% 32/44 [00:10<00:04,  2.51it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03124    0.02106  0.0005414          73          640:
75% 33/44 [00:11<00:04,  2.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03136    0.02108    0.0005333          67          640:
77% 34/44 [00:11<00:04,  2.19it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03143    0.02096    0.000528          56          640:
80% 35/44 [00:12<00:03,  2.44it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03133    0.02102    0.0005224          82          640:
82% 36/44 [00:12<00:04,  1.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03133    0.02102    0.0005393          70          640:
84% 37/44 [00:13<00:03,  2.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03144    0.02117    0.0005312          93          640:
86% 38/44 [00:13<00:03,  1.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03147    0.02111    0.0005231          68          640:
89% 39/44 [00:14<00:02,  2.27it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03149    0.02104    0.0005398          67          640:
91% 40/44 [00:14<00:01,  2.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03145    0.02097    0.0005349          61          640:
93% 41/44 [00:14<00:01,  2.46it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03141    0.02094    0.0005608          57          640:
95% 42/44 [00:15<00:00,  2.32it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03143    0.02106    0.0005581          67          640:
98% 43/44 [00:15<00:00,  2.65it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    53/99      4.47G    0.03149    0.02118    0.0005523          71          640:
100% 44/44 [00:16<00:00,  2.74it/s]

```

	Class	Images	Instances	P	R	mAP50
mAP50-95: 100%	7/7	[00:02<00:00,	2.68it/s]			
	all	200	534	0.76	0.591	0.692

0.373

Epoch	GPU_mem	box_loss	obj_loss	cls_loss	Instances	Size
0% 0/44	[00:00<?, ?it/s]	/content/yolov5/train.py:414:	FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.			
	with torch.cuda.amp.autocast(amp):					
54/99	4.47G	0.03487	0.02015	0.0006846	60	640:
2% 1/44	[00:00<00:08,	4.97it/s]	/content/yolov5/train.py:414:	FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.		
	with torch.cuda.amp.autocast(amp):					
54/99	4.47G	0.03337	0.02341	0.00133	85	640:
5% 2/44	[00:00<00:08,	4.72it/s]	/content/yolov5/train.py:414:	FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.		
	with torch.cuda.amp.autocast(amp):					
54/99	4.47G	0.03155	0.02171	0.001143	58	640:
7% 3/44	[00:00<00:09,	4.36it/s]	/content/yolov5/train.py:414:	FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.		
	with torch.cuda.amp.autocast(amp):					
54/99	4.47G	0.03187	0.02232	0.0009618	70	640:
9% 4/44	[00:01<00:12,	3.26it/s]	/content/yolov5/train.py:414:	FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.		
	with torch.cuda.amp.autocast(amp):					
54/99	4.47G	0.0322	0.02312	0.000867	85	640:
11% 5/44	[00:01<00:10,	3.61it/s]	/content/yolov5/train.py:414:	FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.		
	with torch.cuda.amp.autocast(amp):					
54/99	4.47G	0.03173	0.02296	0.0007794	75	640:
14% 6/44	[00:01<00:10,	3.75it/s]	/content/yolov5/train.py:414:	FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.		
	with torch.cuda.amp.autocast(amp):					
54/99	4.47G	0.03129	0.02294	0.0007099	83	640:
16% 7/44	[00:01<00:09,	3.83it/s]	/content/yolov5/train.py:414:	FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.		
	with torch.cuda.amp.autocast(amp):					
54/99	4.47G	0.03156	0.02316	0.0006534	97	640:
18% 8/44	[00:02<00:10,	3.49it/s]	/content/yolov5/train.py:414:	FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.		
	with torch.cuda.amp.autocast(amp):					
54/99	4.47G	0.03136	0.0235	0.0006119	76	640:
20% 9/44	[00:02<00:10,	3.28it/s]	/content/yolov5/train.py:414:	FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.		



```

with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03126    0.02314    0.0005747          67          640:
23% 10/44 [00:02<00:09,  3.49it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03109    0.02326    0.0005478          73          640:
25% 11/44 [00:03<00:10,  3.21it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03107    0.023    0.0005439          72          640:
27% 12/44 [00:03<00:09,  3.39it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03102    0.02293    0.0005298          74          640:
30% 13/44 [00:03<00:10,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03148    0.02333    0.0005142          87          640:
32% 14/44 [00:04<00:09,  3.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03143    0.02298    0.000539          59          640:
34% 15/44 [00:04<00:11,  2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03178    0.02301    0.0006153          71          640:
36% 16/44 [00:04<00:09,  2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03188    0.02293    0.0006161          53          640:
39% 17/44 [00:05<00:09,  2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03186    0.02276    0.0007173          61          640:
41% 18/44 [00:05<00:08,  3.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.0316    0.02243    0.0008562          46          640:
43% 19/44 [00:06<00:10,  2.48it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.0315    0.02225    0.000826          69          640:
45% 20/44 [00:06<00:09,  2.59it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03132    0.02199  0.0008001          58          640:
48% 21/44 [00:07<00:11,  1.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03119    0.02214  0.0007756          77          640:
50% 22/44 [00:07<00:09,  2.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03116    0.02231  0.0007953          100          640:
52% 23/44 [00:08<00:11,  1.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03109    0.02214  0.0007748          57          640:
55% 24/44 [00:08<00:09,  2.10it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03102    0.02215  0.0007572          88          640:
57% 25/44 [00:09<00:10,  1.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03094    0.02209  0.0007365          75          640:
59% 26/44 [00:09<00:08,  2.19it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03101    0.02219  0.0007175          103          640:
61% 27/44 [00:09<00:07,  2.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03111    0.02243  0.0007186          94          640:
64% 28/44 [00:10<00:06,  2.57it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03123    0.02221  0.0007009          51          640:
66% 29/44 [00:10<00:06,  2.39it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.03141    0.02215  0.0007346          52          640:
68% 30/44 [00:10<00:04,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    54/99      4.47G    0.0314    0.02219  0.0007357          74          640:
70% 31/44 [00:11<00:05,  2.28it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        54/99      4.47G    0.03149    0.02208  0.0007208          60          640:
73% 32/44 [00:11<00:04,  2.47it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        54/99      4.47G    0.03148    0.0221  0.000706          79          640:
75% 33/44 [00:12<00:04,  2.42it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        54/99      4.47G    0.03167    0.02267  0.0006957         134          640:
77% 34/44 [00:12<00:03,  2.79it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        54/99      4.47G    0.03165    0.02245  0.0006819          45          640:
80% 35/44 [00:12<00:03,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        54/99      4.47G    0.03169    0.02254  0.0006756          86          640:
82% 36/44 [00:13<00:02,  2.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        54/99      4.47G    0.03171    0.02241  0.0006631          64          640:
84% 37/44 [00:13<00:02,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        54/99      4.47G    0.03165    0.02237  0.0006533          69          640:
86% 38/44 [00:13<00:02,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        54/99      4.47G    0.03149    0.02223  0.0006421          61          640:
89% 39/44 [00:14<00:01,  2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        54/99      4.47G    0.03152    0.0223  0.0006337          80          640:
91% 40/44 [00:14<00:01,  2.78it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        54/99      4.47G    0.03154    0.02243  0.0006231          96          640:
93% 41/44 [00:15<00:01,  2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        54/99      4.47G    0.03156    0.02245  0.0006135          82          640:

```

```

95% 42/44 [00:15<00:00, 3.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        54/99      4.47G    0.03153    0.02243  0.0006072          79          640:
98% 43/44 [00:15<00:00, 3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        54/99      4.47G    0.03157    0.02245  0.0006016          62          640:
100% 44/44 [00:15<00:00, 2.76it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00, 2.64it/s]
          all        200        534      0.728      0.623      0.699
0.379

```

```

      Epoch      GPU_mem    box_loss    obj_loss    cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.c
uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cud
a', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03103    0.02188  0.0002063          71          640:
2% 1/44 [00:00<00:08, 4.92it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03039    0.02458  0.0002153          90          640:
5% 2/44 [00:00<00:10, 3.83it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03088    0.02409  0.0002192          78          640:
7% 3/44 [00:00<00:10, 3.73it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03118    0.02303  0.0002276          63          640:
9% 4/44 [00:01<00:12, 3.22it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03093    0.02243  0.0002844          68          640:
11% 5/44 [00:01<00:12, 3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03134    0.02288  0.0002867          76          640:
14% 6/44 [00:01<00:11, 3.29it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03122    0.02264  0.0002842          75          640:
16% 7/44 [00:02<00:13, 2.75it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    55/99      4.47G    0.03159    0.02288  0.0002864          92          640:
18% 8/44 [00:02<00:16,  2.20it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    55/99      4.47G    0.03139    0.02241  0.0002876          57          640:
20% 9/44 [00:03<00:15,  2.32it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    55/99      4.47G    0.03157    0.02224  0.0002934          74          640:
23% 10/44 [00:03<00:15,  2.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    55/99      4.47G    0.03148    0.0228  0.0002928          98          640:
25% 11/44 [00:04<00:13,  2.42it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    55/99      4.47G    0.03128    0.02217  0.0002913          49          640:
27% 12/44 [00:04<00:13,  2.32it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    55/99      4.47G    0.03123    0.02251  0.0002952          83          640:
30% 13/44 [00:04<00:12,  2.47it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    55/99      4.47G    0.03102    0.02239  0.0003234          76          640:
32% 14/44 [00:05<00:10,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    55/99      4.47G    0.03089    0.02233  0.0003478          61          640:
34% 15/44 [00:05<00:11,  2.44it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    55/99      4.47G    0.03077    0.02243  0.0003433          75          640:
36% 16/44 [00:06<00:10,  2.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    55/99      4.47G    0.03067    0.02311  0.0003413          123          640:
39% 17/44 [00:06<00:11,  2.45it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    55/99      4.47G    0.03035    0.02307  0.0003439          72          640:
41% 18/44 [00:06<00:09,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03043    0.02279  0.0003486          50          640:
43% 19/44 [00:07<00:09,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03049    0.02271  0.0003433          90          640:
45% 20/44 [00:07<00:08,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03046    0.02266  0.0003456          71          640:
48% 21/44 [00:07<00:07,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03043    0.02262  0.0003422          75          640:
50% 22/44 [00:08<00:06,  3.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.0303    0.02268  0.0003385          81          640:
52% 23/44 [00:08<00:07,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.0302    0.02245  0.0003476          57          640:
55% 24/44 [00:08<00:06,  2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03016    0.02236  0.0003454          59          640:
57% 25/44 [00:09<00:06,  3.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03002    0.02227  0.0003557          64          640:
59% 26/44 [00:09<00:05,  3.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03016    0.02237  0.0003556          87          640:
61% 27/44 [00:09<00:06,  2.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03033    0.02245  0.0003515          93          640:
64% 28/44 [00:10<00:05,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.0303    0.02261  0.0003474          97          640:

```

```

66% 29/44 [00:10<00:05, 2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03029    0.02253  0.0003436          62          640:
68% 30/44 [00:10<00:04, 3.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03041    0.02265  0.0003475          91          640:
70% 31/44 [00:11<00:04, 2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03057    0.02291  0.0003446         115          640:
73% 32/44 [00:11<00:03, 3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03053    0.02272  0.0003478          58          640:
75% 33/44 [00:11<00:03, 2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03057    0.02265  0.000344          66          640:
77% 34/44 [00:12<00:03, 3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03057    0.02294  0.0003416          97          640:
80% 35/44 [00:12<00:03, 2.68it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03059    0.02283  0.0003473          56          640:
82% 36/44 [00:12<00:02, 2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03051    0.02269  0.0003442          55          640:
84% 37/44 [00:13<00:02, 2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03049    0.02262  0.0003423          60          640:
86% 38/44 [00:13<00:01, 3.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        55/99      4.47G    0.03051    0.02266  0.0003487          81          640:
89% 39/44 [00:13<00:01, 2.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

55/99      4.47G      0.0306      0.02254      0.000361          62          640:
91% 40/44 [00:14<00:01, 2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
55/99      4.47G      0.03072      0.02256      0.0003861          71          640:
93% 41/44 [00:14<00:01, 2.45it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
55/99      4.47G      0.03061      0.0225      0.0004022          76          640:
95% 42/44 [00:15<00:00, 2.65it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
55/99      4.47G      0.03057      0.0226      0.0004363          80          640:
98% 43/44 [00:15<00:00, 2.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
55/99      4.47G      0.03059      0.02247      0.0004527          39          640:
100% 44/44 [00:16<00:00, 2.73it/s]
          Class      Images      Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:03<00:00, 2.15it/s]
          all      200      534      0.682      0.649      0.691
0.382

```

```

Epoch      GPU_mem      box_loss      obj_loss      cls_loss      Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.c
uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cud
a', args...)` instead.
  with torch.cuda.amp.autocast(amp):
56/99      4.47G      0.0282      0.02387      0.0002706          70          640:
2% 1/44 [00:00<00:08, 5.00it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
56/99      4.47G      0.02978      0.02601      0.0003826          97          640:
5% 2/44 [00:00<00:08, 4.91it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
56/99      4.47G      0.03504      0.02567      0.0005178          69          640:
7% 3/44 [00:00<00:09, 4.30it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
56/99      4.47G      0.03357      0.02397      0.0004739          61          640:
9% 4/44 [00:00<00:10, 3.88it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
56/99      4.47G      0.03332      0.02417      0.0006262          87          640:
11% 5/44 [00:01<00:09, 3.93it/s]/content/yolov5/train.py:414: FutureWarning:

```



```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.03292    0.02421  0.0007157          85          640:
14% 6/44 [00:01<00:10,  3.79it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.03272    0.02393  0.0008332          76          640:
16% 7/44 [00:01<00:09,  3.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.03222    0.02276  0.0007609          51          640:
18% 8/44 [00:02<00:11,  3.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.03207    0.02257  0.0007374          68          640:
20% 9/44 [00:02<00:10,  3.48it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.03188    0.02286  0.0006847          82          640:
23% 10/44 [00:02<00:10,  3.39it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.0316    0.02234  0.0006489          60          640:
25% 11/44 [00:02<00:09,  3.46it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.03183    0.02214  0.0006166          77          640:
27% 12/44 [00:03<00:10,  2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.03155    0.02194  0.0005879          75          640:
30% 13/44 [00:03<00:09,  3.36it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.03151    0.02177  0.0005845          63          640:
32% 14/44 [00:04<00:10,  2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.03142    0.02166  0.0005661          62          640:
34% 15/44 [00:04<00:09,  3.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.03179    0.02188  0.0005477          77          640:

```

```

36% 16/44 [00:04<00:09, 3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.03138    0.02178  0.0005299          76          640:
39% 17/44 [00:05<00:09, 2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.03127    0.02188  0.0005243          85          640:
41% 18/44 [00:05<00:08, 3.20it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.031    0.02188  0.0005124          67          640:
43% 19/44 [00:05<00:09, 2.72it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.03104    0.02194  0.0005181          83          640:
45% 20/44 [00:06<00:08, 2.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.03111    0.02233  0.0005079         101          640:
48% 21/44 [00:06<00:08, 2.56it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.03123    0.02248  0.0005188          94          640:
50% 22/44 [00:06<00:07, 2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.03124    0.02253  0.0005103          78          640:
52% 23/44 [00:07<00:08, 2.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.03112    0.02247  0.0006087          62          640:
55% 24/44 [00:07<00:07, 2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.03107    0.02225  0.000594          54          640:
57% 25/44 [00:08<00:07, 2.54it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        56/99      4.47G    0.031    0.02217  0.0006023          61          640:
59% 26/44 [00:08<00:06, 2.79it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

56/99      4.47G    0.03102    0.02229  0.0005907          77      640:
61% 27/44 [00:09<00:07,  2.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
56/99      4.47G    0.03112    0.02231  0.0005801          66      640:
64% 28/44 [00:09<00:06,  2.35it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
56/99      4.47G    0.03117    0.02202  0.0005713          40      640:
66% 29/44 [00:10<00:07,  1.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
56/99      4.47G    0.03115    0.02237  0.0005904          103     640:
68% 30/44 [00:10<00:06,  2.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
56/99      4.47G    0.0311    0.02233  0.000578          67      640:
70% 31/44 [00:11<00:06,  1.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
56/99      4.47G    0.03087    0.02197  0.0005813          35      640:
73% 32/44 [00:11<00:05,  2.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
56/99      4.47G    0.03075    0.02198  0.0005712          70      640:
75% 33/44 [00:11<00:05,  2.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
56/99      4.47G    0.03091    0.02191  0.000565          63      640:
77% 34/44 [00:12<00:03,  2.58it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
56/99      4.47G    0.03081    0.02202  0.0005609          82      640:
80% 35/44 [00:12<00:03,  2.59it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
56/99      4.47G    0.03082    0.02217  0.0005821          93      640:
82% 36/44 [00:12<00:02,  2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
56/99      4.47G    0.03072    0.02229  0.0005708          98      640:
84% 37/44 [00:13<00:02,  2.54it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    56/99      4.47G    0.03086    0.02259  0.0005631      100      640:
86% 38/44 [00:13<00:02,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    56/99      4.47G    0.03084    0.02255  0.0005542      76      640:
89% 39/44 [00:14<00:01,  2.62it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    56/99      4.47G    0.03071    0.02231  0.0005518      41      640:
91% 40/44 [00:14<00:01,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    56/99      4.47G    0.03073    0.02224  0.0005524      66      640:
93% 41/44 [00:14<00:01,  2.75it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    56/99      4.47G    0.03082    0.02231  0.0005441      96      640:
95% 42/44 [00:14<00:00,  3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    56/99      4.47G    0.03079    0.02231  0.0005367      72      640:
98% 43/44 [00:15<00:00,  3.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    56/99      4.47G    0.03081    0.02232  0.0005291      59      640:
100% 44/44 [00:15<00:00,  2.85it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.54it/s]
      all      200      534      0.759      0.627      0.697
0.389

```

```

Epoch  GPU_mem  box_loss  obj_loss  cls_loss  Instances  Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03169    0.01871  0.000224      62      640:
2% 1/44 [00:00<00:08,  4.96it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03009    0.02069  0.0006531      84      640:
5% 2/44 [00:00<00:08,  4.86it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.0289    0.0191  0.001448      56      640:

```

```

7% 3/44 [00:00<00:08, 4.58it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        57/99      4.47G    0.02902    0.01844    0.001133          53          640:
9% 4/44 [00:00<00:10, 3.79it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        57/99      4.47G    0.03029    0.01872    0.001349          67          640:
11% 5/44 [00:01<00:09, 3.98it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        57/99      4.47G    0.03077    0.01939    0.001158          78          640:
14% 6/44 [00:01<00:09, 3.96it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        57/99      4.47G    0.0305    0.01914    0.001023          63          640:
16% 7/44 [00:01<00:09, 3.74it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        57/99      4.47G    0.03074    0.01943    0.0009189          81          640:
18% 8/44 [00:02<00:11, 3.06it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        57/99      4.47G    0.03076    0.01915    0.001013          55          640:
20% 9/44 [00:02<00:10, 3.34it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        57/99      4.47G    0.0313    0.02009    0.0009383          87          640:
23% 10/44 [00:02<00:10, 3.37it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        57/99      4.47G    0.03117    0.02049    0.0008693          85          640:
25% 11/44 [00:03<00:12, 2.64it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        57/99      4.47G    0.03093    0.02107    0.0008162          89          640:
27% 12/44 [00:03<00:13, 2.40it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        57/99      4.47G    0.03071    0.02127    0.0007673          84          640:
30% 13/44 [00:04<00:13, 2.30it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

57/99      4.47G    0.03046    0.02126  0.0008688          88      640:
32% 14/44 [00:04<00:13,  2.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
57/99      4.47G    0.03062    0.02128  0.0008282          76      640:
34% 15/44 [00:05<00:13,  2.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
57/99      4.47G    0.03062    0.02145  0.0007899          91      640:
36% 16/44 [00:05<00:14,  1.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
57/99      4.47G    0.03085    0.02147  0.000754          73      640:
39% 17/44 [00:06<00:11,  2.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
57/99      4.47G    0.03103    0.0214  0.0007235          66      640:
41% 18/44 [00:06<00:11,  2.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
57/99      4.47G    0.03085    0.02115  0.0006969          61      640:
43% 19/44 [00:06<00:09,  2.57it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
57/99      4.47G    0.03091    0.02121  0.0006723          76      640:
45% 20/44 [00:07<00:10,  2.39it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
57/99      4.47G    0.03073    0.02122  0.0006485          76      640:
48% 21/44 [00:07<00:08,  2.75it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
57/99      4.47G    0.03051    0.021  0.0006274          61      640:
50% 22/44 [00:08<00:08,  2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
57/99      4.47G    0.03041    0.02095  0.0006985          49      640:
52% 23/44 [00:08<00:07,  2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
57/99      4.47G    0.0303  0.02079  0.0007059          50      640:
55% 24/44 [00:08<00:07,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03022    0.0208  0.0007487          77          640:
57% 25/44 [00:08<00:06,  3.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03029    0.02068  0.000737          57          640:
59% 26/44 [00:09<00:05,  3.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03023    0.02049  0.0007182          51          640:
61% 27/44 [00:09<00:05,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03021    0.02096  0.0006996         117          640:
64% 28/44 [00:09<00:05,  3.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03049    0.02146  0.0007024         129          640:
66% 29/44 [00:10<00:05,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03056    0.02177  0.0006933          95          640:
68% 30/44 [00:10<00:04,  3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03056    0.02178  0.0006778          82          640:
70% 31/44 [00:10<00:04,  2.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.0305    0.02191  0.0006628          99          640:
73% 32/44 [00:11<00:04,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03054    0.02182  0.0006506          61          640:
75% 33/44 [00:11<00:03,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03059    0.02169  0.0006373          60          640:
77% 34/44 [00:11<00:03,  3.05it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03062    0.02187  0.0006331         108          640:
80% 35/44 [00:12<00:02,  3.06it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03053    0.02175  0.0006308          59          640:
82% 36/44 [00:12<00:02,  2.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03043    0.02182  0.0006212          84          640:
84% 37/44 [00:12<00:02,  3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03049    0.02173  0.0006153          59          640:
86% 38/44 [00:13<00:01,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03063    0.02157  0.0006068          49          640:
89% 39/44 [00:13<00:01,  2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03071    0.0216  0.0005956          80          640:
91% 40/44 [00:14<00:01,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03068    0.02163  0.0005909          80          640:
93% 41/44 [00:14<00:00,  3.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03074    0.02165  0.0005833          77          640:
95% 42/44 [00:14<00:00,  3.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03073    0.02169  0.0005751          79          640:
98% 43/44 [00:14<00:00,  3.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    57/99      4.47G    0.03069    0.02155  0.0005678          32          640:
100% 44/44 [00:15<00:00,  2.88it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:03<00:00,  2.05it/s]
      all      200      534      0.69      0.636      0.696
0.391

```

```

      Epoch      GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
  0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.c
uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cud
a', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```



```

58/99      4.47G    0.02993    0.02008  0.0003015          69      640:
2% 1/44 [00:00<00:08,  4.99it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
58/99      4.47G    0.02878    0.02544  0.0002344          115     640:
5% 2/44 [00:00<00:09,  4.48it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
58/99      4.47G    0.02895    0.02453  0.0003352          83      640:
7% 3/44 [00:00<00:09,  4.16it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
58/99      4.47G    0.02948    0.02437  0.0005985          74      640:
9% 4/44 [00:00<00:09,  4.04it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
58/99      4.47G    0.02931    0.02333  0.0005354          51      640:
11% 5/44 [00:01<00:09,  4.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
58/99      4.47G    0.03041    0.02363  0.0005086          77      640:
14% 6/44 [00:01<00:09,  3.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
58/99      4.47G    0.02973    0.02244  0.0004615          55      640:
16% 7/44 [00:01<00:09,  3.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
58/99      4.47G    0.02959    0.02229  0.0004468          74      640:
18% 8/44 [00:02<00:10,  3.31it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
58/99      4.47G    0.02966    0.02196  0.0004351          60      640:
20% 9/44 [00:02<00:10,  3.45it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
58/99      4.47G    0.03002    0.02241  0.0004093          107     640:
23% 10/44 [00:02<00:09,  3.49it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
58/99      4.47G    0.03017    0.02249  0.0003942          96      640:
25% 11/44 [00:03<00:10,  3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03048    0.02241  0.0004054          61      640:
27% 12/44 [00:03<00:10,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03038    0.02266  0.000388          80      640:
30% 13/44 [00:03<00:10,  3.06it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03057    0.02246  0.0003805          63      640:
32% 14/44 [00:04<00:09,  3.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03055    0.02246  0.0003668          80      640:
34% 15/44 [00:04<00:10,  2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03021    0.02194  0.0003572          46      640:
36% 16/44 [00:04<00:09,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03026    0.02215  0.0003466          84      640:
39% 17/44 [00:05<00:10,  2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03015    0.02214  0.0003394          79      640:
41% 18/44 [00:05<00:08,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03025    0.02195  0.0003308          56      640:
43% 19/44 [00:05<00:08,  2.78it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03009    0.02193  0.0003244          76      640:
45% 20/44 [00:06<00:08,  2.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03008    0.02217  0.0003173          99      640:
48% 21/44 [00:06<00:08,  2.79it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03012    0.02192  0.0003369          48      640:
50% 22/44 [00:06<00:07,  3.10it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03036    0.02196    0.000359          62          640:
52% 23/44 [00:07<00:07,  2.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03024    0.02214    0.000354          83          640:
55% 24/44 [00:07<00:07,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03042    0.02208    0.0003546         70          640:
57% 25/44 [00:07<00:06,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03022    0.02191    0.0003479         64          640:
59% 26/44 [00:08<00:05,  3.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03019    0.02174    0.000368          60          640:
61% 27/44 [00:08<00:06,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03011      0.022    0.0003638        110          640:
64% 28/44 [00:09<00:05,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03007    0.02191    0.0003685         67          640:
66% 29/44 [00:09<00:04,  3.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03009    0.02205    0.0003913         92          640:
68% 30/44 [00:09<00:04,  3.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03023    0.02197    0.0004038         69          640:
70% 31/44 [00:10<00:05,  2.42it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03017    0.02192    0.0003978         66          640:
73% 32/44 [00:10<00:04,  2.49it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    58/99      4.47G    0.03025    0.02225    0.0003911        112          640:
75% 33/44 [00:11<00:05,  2.07it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        58/99      4.47G    0.03036    0.02219    0.000388          74          640:
77% 34/44 [00:11<00:04,  2.29it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        58/99      4.47G    0.03039    0.02219    0.0003867          69          640:
80% 35/44 [00:12<00:04,  2.10it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        58/99      4.47G    0.03036    0.02212    0.000392          73          640:
82% 36/44 [00:12<00:03,  2.36it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        58/99      4.47G    0.03024    0.02191    0.0003857          55          640:
84% 37/44 [00:13<00:03,  1.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        58/99      4.47G    0.03012    0.02191    0.0003895          78          640:
86% 38/44 [00:13<00:02,  2.27it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        58/99      4.47G    0.03004    0.02186    0.0003841          78          640:
89% 39/44 [00:13<00:02,  2.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        58/99      4.47G    0.02985    0.02164    0.0003813          45          640:
91% 40/44 [00:14<00:01,  2.40it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        58/99      4.47G    0.02984    0.02186    0.0003777          101          640:
93% 41/44 [00:14<00:01,  2.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        58/99      4.47G    0.02977    0.02179    0.0003929          68          640:
95% 42/44 [00:14<00:00,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        58/99      4.47G    0.0298      0.02174    0.000418          75          640:
98% 43/44 [00:15<00:00,  2.72it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        58/99      4.47G    0.02984    0.02178    0.0004151          54          640:

```

```

100% 44/44 [00:15<00:00, 2.84it/s]
          Class      Images  Instances      P          R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00, 2.67it/s]
          all        200      534      0.706      0.637      0.688
0.375

```

```

Epoch   GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.03016    0.0182  0.0001847          62      640:
2% 1/44 [00:00<00:08, 5.01it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02975    0.01842  0.0007822          71      640:
5% 2/44 [00:00<00:10, 4.01it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02989    0.0208  0.000626          94      640:
7% 3/44 [00:00<00:10, 3.98it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02972    0.02005  0.0005262          56      640:
9% 4/44 [00:01<00:10, 3.78it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02962    0.0199  0.0007944          63      640:
11% 5/44 [00:01<00:10, 3.64it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02981    0.02084  0.000711          92      640:
14% 6/44 [00:01<00:10, 3.76it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02983    0.02113  0.0006425          79      640:
16% 7/44 [00:01<00:09, 3.79it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02969    0.02169  0.0006042          87      640:
18% 8/44 [00:02<00:11, 3.27it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02992    0.02198  0.0005759          81      640:
20% 9/44 [00:02<00:09, 3.53it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02992    0.02198  0.0005759          81      640:

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    59/99      4.47G    0.02988    0.02182  0.0005354          76          640:
23% 10/44 [00:02<00:11,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    59/99      4.47G    0.02951    0.02169  0.0005037          73          640:
25% 11/44 [00:03<00:10,  3.19it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    59/99      4.47G    0.02965    0.0223  0.0004811          105          640:
27% 12/44 [00:03<00:11,  2.78it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    59/99      4.47G    0.0297    0.02256  0.0005129          90          640:
30% 13/44 [00:03<00:09,  3.19it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    59/99      4.47G    0.02962    0.02205  0.0005016          53          640:
32% 14/44 [00:04<00:09,  3.19it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    59/99      4.47G    0.02985    0.02207  0.0004911          74          640:
34% 15/44 [00:04<00:08,  3.42it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    59/99      4.47G    0.02988    0.02238  0.0004925          92          640:
36% 16/44 [00:04<00:09,  3.05it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    59/99      4.47G    0.02978    0.0221  0.0004793          66          640:
39% 17/44 [00:05<00:08,  3.05it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    59/99      4.47G    0.02966    0.02222  0.0004716          89          640:
41% 18/44 [00:05<00:09,  2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    59/99      4.47G    0.02989    0.02201  0.000458          65          640:
43% 19/44 [00:06<00:10,  2.37it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    59/99      4.47G    0.02988    0.0219  0.0004749          64          640:
45% 20/44 [00:06<00:10,  2.26it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02979    0.02181  0.0004636          77          640:
48% 21/44 [00:07<00:10,  2.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02966    0.02169  0.0004606          71          640:
50% 22/44 [00:07<00:10,  2.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.0296    0.02164  0.0004494          65          640:
52% 23/44 [00:08<00:10,  2.06it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02982    0.02155  0.0004396          61          640:
55% 24/44 [00:08<00:09,  2.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02977    0.02141  0.0004311          68          640:
57% 25/44 [00:08<00:08,  2.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02982    0.02133  0.000423          69          640:
59% 26/44 [00:09<00:06,  2.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02957    0.02108  0.0004174          45          640:
61% 27/44 [00:09<00:06,  2.50it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02956    0.02121  0.0004126          92          640:
64% 28/44 [00:09<00:06,  2.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02965    0.02131  0.0004572          70          640:
66% 29/44 [00:10<00:05,  2.75it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02971    0.02138  0.000462          68          640:
68% 30/44 [00:10<00:04,  3.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02961    0.02125  0.0004544          63          640:

```

```

70% 31/44 [00:11<00:04, 2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02972    0.02143    0.0004692          89          640:
73% 32/44 [00:11<00:04, 2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02977    0.02147    0.000468          80          640:
75% 33/44 [00:11<00:04, 2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02983    0.02159    0.000467          88          640:
77% 34/44 [00:12<00:03, 3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02982    0.02166    0.0004601          79          640:
80% 35/44 [00:12<00:03, 2.59it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.03002    0.02177    0.0004633          89          640:
82% 36/44 [00:12<00:02, 2.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.03012    0.02181    0.0004597          78          640:
84% 37/44 [00:13<00:02, 2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02999    0.02182    0.0004556          85          640:
86% 38/44 [00:13<00:01, 3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02993    0.02186    0.0004494          74          640:
89% 39/44 [00:13<00:01, 2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02989    0.02194    0.0004821          88          640:
91% 40/44 [00:14<00:01, 2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        59/99      4.47G    0.02983    0.02186    0.0004801          61          640:
93% 41/44 [00:14<00:01, 2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```



```

59/99      4.47G    0.02978    0.02186  0.0004792          69      640:
95% 42/44 [00:14<00:00,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
59/99      4.47G    0.02976    0.02186  0.0004879          74      640:
98% 43/44 [00:15<00:00,  3.10it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
59/99      4.47G    0.02988    0.0218  0.0004837          50      640:
100% 44/44 [00:15<00:00,  2.86it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.64it/s]
      all      200      534      0.761      0.628      0.694
0.385

```

```

Epoch  GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.c
uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cud
a', args...)` instead.
  with torch.cuda.amp.autocast(amp):
60/99      4.47G    0.03232    0.02432    0.00528          78      640:
2% 1/44 [00:00<00:10,  4.28it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
60/99      4.47G    0.02958    0.02407    0.002822          83      640:
5% 2/44 [00:00<00:12,  3.49it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
60/99      4.47G    0.02944    0.02189    0.001962          57      640:
7% 3/44 [00:00<00:12,  3.41it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
60/99      4.47G    0.0303    0.02159    0.001578          66      640:
9% 4/44 [00:01<00:13,  2.93it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
60/99      4.47G    0.03018    0.02235    0.001312          88      640:
11% 5/44 [00:01<00:12,  3.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
60/99      4.47G    0.02969    0.02273    0.001174          88      640:
14% 6/44 [00:01<00:13,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
60/99      4.47G    0.02953    0.02213    0.00135          61      640:
16% 7/44 [00:02<00:16,  2.22it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03025    0.02234    0.001227          80          640:
18% 8/44 [00:02<00:14,  2.40it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03037    0.02156    0.001122          57          640:
20% 9/44 [00:03<00:17,  2.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03054    0.02178    0.001061          69          640:
23% 10/44 [00:03<00:14,  2.38it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03064    0.02172    0.001101          62          640:
25% 11/44 [00:04<00:14,  2.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03013    0.02148    0.001027          65          640:
27% 12/44 [00:04<00:12,  2.52it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03021    0.02151    0.0009782         63          640:
30% 13/44 [00:04<00:10,  2.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03075    0.02172    0.000924          86          640:
32% 14/44 [00:05<00:10,  2.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03057    0.02162    0.0008765         73          640:
34% 15/44 [00:05<00:10,  2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03065    0.02126    0.0008368         55          640:
36% 16/44 [00:06<00:10,  2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03044    0.0214    0.0008215         90          640:
39% 17/44 [00:06<00:09,  2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03038    0.02191    0.0007922        128          640:

```

```

41% 18/44 [00:06<00:08, 3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03033    0.02183  0.0007624          69          640:
43% 19/44 [00:07<00:09, 2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.0303    0.02205  0.0007563          98          640:
45% 20/44 [00:07<00:08, 2.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03032    0.02204  0.0007366          68          640:
48% 21/44 [00:07<00:07, 3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03023    0.02187  0.0007127          58          640:
50% 22/44 [00:08<00:07, 2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03009    0.02187  0.0007015          85          640:
52% 23/44 [00:08<00:07, 2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03007    0.0217  0.0006827          67          640:
55% 24/44 [00:08<00:07, 2.56it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03016    0.02177  0.0006659          79          640:
57% 25/44 [00:09<00:06, 2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03009    0.02178  0.0006472          78          640:
59% 26/44 [00:09<00:06, 2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03004    0.02186  0.0006331          90          640:
61% 27/44 [00:09<00:05, 2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.02999    0.0219  0.0006172          91          640:
64% 28/44 [00:10<00:05, 2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

        60/99      4.47G    0.03008    0.02197  0.0006149          79      640:
66% 29/44 [00:10<00:04,  3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.02995    0.022  0.0006193          75      640:
68% 30/44 [00:10<00:04,  2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.02986    0.02203  0.0006065          81      640:
70% 31/44 [00:11<00:04,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03003    0.02211  0.000593          74      640:
73% 32/44 [00:11<00:04,  2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03007    0.02198  0.0005808          64      640:
75% 33/44 [00:11<00:03,  2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03006    0.02197  0.0005933          76      640:
77% 34/44 [00:12<00:03,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03004    0.02201  0.0005816          97      640:
80% 35/44 [00:12<00:03,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03005    0.02203  0.0005716          83      640:
82% 36/44 [00:13<00:02,  2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03008    0.02201  0.0005628          72      640:
84% 37/44 [00:13<00:02,  3.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03007    0.02186  0.0005536          61      640:
86% 38/44 [00:13<00:02,  2.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        60/99      4.47G    0.03015    0.02175  0.0005463          78      640:
89% 39/44 [00:13<00:01,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    60/99      4.47G    0.03006    0.02171  0.0005728          76          640:
91% 40/44 [00:14<00:01,  2.53it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    60/99      4.47G    0.02999    0.02166  0.0006084          69          640:
93% 41/44 [00:15<00:01,  2.22it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    60/99      4.47G    0.02992    0.02169  0.0005996          83          640:
95% 42/44 [00:15<00:00,  2.44it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    60/99      4.47G    0.02987    0.02176  0.0005906          85          640:
98% 43/44 [00:16<00:00,  2.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    60/99      4.47G    0.02989    0.022    0.0005825          96          640:
100% 44/44 [00:16<00:00,  2.69it/s]
          Class      Images  Instances          P          R          mAP50
mAP50-95: 100% 7/7 [00:03<00:00,  2.31it/s]
          all        200      534      0.766      0.61      0.707
0.395

```

```

Epoch      GPU_mem    box_loss    obj_loss    cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    61/99      4.47G    0.02926    0.02464  0.0002366          79          640:
2% 1/44 [00:00<00:08,  4.98it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    61/99      4.47G    0.02801    0.02027  0.0006257          54          640:
5% 2/44 [00:00<00:09,  4.20it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    61/99      4.47G    0.02876    0.02117  0.0005585          84          640:
7% 3/44 [00:00<00:10,  4.08it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    61/99      4.47G    0.02837    0.02009  0.0004887          59          640:
9% 4/44 [00:01<00:11,  3.57it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    61/99      4.47G    0.02905    0.0204    0.0006646          74          640:

```

```

11% 5/44 [00:01<00:10, 3.55it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.02884    0.01955  0.0005884          65          640:
14% 6/44 [00:01<00:10, 3.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.02917    0.01955  0.0005388          60          640:
16% 7/44 [00:01<00:09, 3.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.02911    0.01949  0.0005028          69          640:
18% 8/44 [00:02<00:11, 3.20it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.02872    0.01925  0.0004936          54          640:
20% 9/44 [00:02<00:10, 3.46it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.02882    0.0192  0.0004685          75          640:
23% 10/44 [00:02<00:11, 2.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.02846    0.01901  0.0004464          62          640:
25% 11/44 [00:03<00:10, 3.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.02821    0.01905  0.0004351          67          640:
27% 12/44 [00:03<00:11, 2.68it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.02851    0.01877  0.0004188          61          640:
30% 13/44 [00:03<00:09, 3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.0284    0.01894  0.0004045          79          640:
32% 14/44 [00:04<00:08, 3.35it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.02878    0.01883  0.0003932          57          640:
34% 15/44 [00:04<00:08, 3.28it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

        61/99      4.47G    0.02892    0.01889  0.0003872          69      640:
36% 16/44 [00:04<00:08,  3.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.02877    0.01897  0.0003819          79      640:
39% 17/44 [00:05<00:09,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.02899    0.01889  0.0003724          71      640:
41% 18/44 [00:05<00:09,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.02892    0.01904  0.0003901          73      640:
43% 19/44 [00:05<00:08,  3.06it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.02889    0.01912  0.0003814          81      640:
45% 20/44 [00:06<00:08,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.02896    0.01904  0.0003781          58      640:
48% 21/44 [00:06<00:07,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.02885    0.01912  0.000423          63      640:
50% 22/44 [00:07<00:07,  2.78it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.02884    0.01936  0.000416          95      640:
52% 23/44 [00:07<00:06,  3.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.02887    0.01949  0.0004116          75      640:
55% 24/44 [00:07<00:07,  2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.02899    0.01981  0.0004041          99      640:
57% 25/44 [00:08<00:06,  2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        61/99      4.47G    0.029      0.01989  0.0003978          77      640:
59% 26/44 [00:08<00:07,  2.33it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    61/99      4.47G      0.029      0.02003  0.0003967          70          640:
61% 27/44 [00:09<00:06,  2.45it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    61/99      4.47G      0.02905      0.02029  0.0003906          88          640:
64% 28/44 [00:09<00:08,  1.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    61/99      4.47G      0.02911      0.02015  0.0004257          63          640:
66% 29/44 [00:10<00:06,  2.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    61/99      4.47G      0.02911      0.02016  0.0004176          73          640:
68% 30/44 [00:10<00:06,  2.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    61/99      4.47G      0.02902      0.02025  0.0004097          81          640:
70% 31/44 [00:10<00:05,  2.34it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    61/99      4.47G      0.02894      0.0203  0.0004036          90          640:
73% 32/44 [00:11<00:05,  2.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    61/99      4.47G      0.02909      0.02027  0.0003961          66          640:
75% 33/44 [00:11<00:04,  2.49it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    61/99      4.47G      0.02913      0.02011  0.0004039          48          640:
77% 34/44 [00:12<00:03,  2.51it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    61/99      4.47G      0.02908      0.02024  0.0004585          90          640:
80% 35/44 [00:12<00:03,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    61/99      4.47G      0.02911      0.02016  0.0004538          61          640:
82% 36/44 [00:12<00:02,  2.72it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    61/99      4.47G      0.02907      0.0202  0.0004459          80          640:
84% 37/44 [00:13<00:02,  3.05it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```



```
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    61/99      4.47G      0.0291      0.02028  0.0004634          72          640:
86% 38/44 [00:13<00:02,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    61/99      4.47G      0.02906      0.0204  0.0004569          89          640:
89% 39/44 [00:13<00:01,  3.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    61/99      4.47G      0.02894      0.02045  0.0004502          79          640:
91% 40/44 [00:14<00:01,  2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    61/99      4.47G      0.02898      0.02035  0.0004466          52          640:
93% 41/44 [00:14<00:01,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    61/99      4.47G      0.02895      0.02034  0.0004408          66          640:
95% 42/44 [00:14<00:00,  3.06it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    61/99      4.47G      0.0289      0.02024  0.0004355          60          640:
98% 43/44 [00:15<00:00,  3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    61/99      4.47G      0.02896      0.02021  0.0004301          55          640:
100% 44/44 [00:15<00:00,  2.85it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.58it/s]
      all      200      534      0.747      0.639      0.689
0.392
```

```
Epoch  GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G      0.02939      0.02104  0.000224          82          640:
2% 1/44 [00:00<00:08,  4.99it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G      0.02986      0.02001  0.0002041          66          640:
5% 2/44 [00:00<00:09,  4.32it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
```

```

        62/99      4.47G    0.03056      0.02  0.0002435          65      640:
7% 3/44 [00:00<00:09,  4.10it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        62/99      4.47G    0.02996      0.01972  0.0003641          70      640:
9% 4/44 [00:01<00:11,  3.47it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        62/99      4.47G    0.02987      0.0197  0.0003356          63      640:
11% 5/44 [00:01<00:10,  3.59it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        62/99      4.47G    0.03081      0.02018  0.0003732          78      640:
14% 6/44 [00:01<00:10,  3.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        62/99      4.47G    0.03102      0.02097  0.0003474          82      640:
16% 7/44 [00:01<00:09,  3.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        62/99      4.47G    0.03081      0.02071  0.0003347          61      640:
18% 8/44 [00:02<00:10,  3.29it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        62/99      4.47G    0.03026      0.02037  0.0003246          65      640:
20% 9/44 [00:02<00:09,  3.52it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        62/99      4.47G    0.03034      0.02016  0.0003129          76      640:
23% 10/44 [00:02<00:11,  3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        62/99      4.47G    0.03004      0.02009  0.0003098          64      640:
25% 11/44 [00:03<00:10,  3.19it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        62/99      4.47G      0.03      0.02  0.0002966          75      640:
27% 12/44 [00:03<00:14,  2.27it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        62/99      4.47G    0.02984      0.01989  0.0003336          71      640:
30% 13/44 [00:04<00:12,  2.57it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.02991    0.02012    0.0003248          89          640:
32% 14/44 [00:04<00:14,  2.10it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.02998    0.02014    0.0003143          69          640:
34% 15/44 [00:05<00:12,  2.41it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03007    0.02009    0.0003397          64          640:
36% 16/44 [00:05<00:14,  1.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.02999    0.02018    0.0003325          70          640:
39% 17/44 [00:06<00:12,  2.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.02974    0.01992    0.0003222          62          640:
41% 18/44 [00:06<00:12,  2.10it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.02972    0.01981    0.000317          69          640:
43% 19/44 [00:06<00:10,  2.46it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.02987    0.01989    0.0003171          80          640:
45% 20/44 [00:07<00:10,  2.32it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03001    0.02044    0.0003157          121         640:
48% 21/44 [00:07<00:08,  2.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.02997    0.02051    0.0003481          76          640:
50% 22/44 [00:08<00:08,  2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.02997    0.02058    0.0003467          74          640:
52% 23/44 [00:08<00:07,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03035    0.02036    0.0003472          59          640:
55% 24/44 [00:08<00:07,  2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03042    0.02065    0.0003447          90          640:
57% 25/44 [00:09<00:06,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03045    0.02078    0.0003392          86          640:
59% 26/44 [00:09<00:06,  2.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03034    0.02068    0.0003327          56          640:
61% 27/44 [00:09<00:05,  3.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03044    0.02098    0.0003268         113          640:
64% 28/44 [00:10<00:05,  2.72it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03046    0.02087    0.0003256          58          640:
66% 29/44 [00:10<00:04,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03044    0.02091    0.0003206          83          640:
68% 30/44 [00:10<00:04,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03046    0.02079    0.0003504          60          640:
70% 31/44 [00:11<00:04,  3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03058    0.02073    0.0003496          51          640:
73% 32/44 [00:11<00:04,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03055    0.02059    0.000344          50          640:
75% 33/44 [00:11<00:03,  3.20it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03041    0.02045    0.0003903          50          640:
77% 34/44 [00:11<00:03,  3.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03031    0.02034    0.0003866          58          640:
80% 35/44 [00:12<00:02,  3.53it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03022    0.02047    0.0003829      100      640:
82% 36/44 [00:12<00:02,  2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03024    0.02052    0.0003964      73      640:
84% 37/44 [00:12<00:02,  3.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03021    0.02046    0.0003897      63      640:
86% 38/44 [00:13<00:01,  3.28it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03023    0.02052    0.000387      77      640:
89% 39/44 [00:13<00:01,  3.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03016    0.02053    0.0003876      71      640:
91% 40/44 [00:13<00:01,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.0301      0.02058    0.0003842      78      640:
93% 41/44 [00:14<00:00,  3.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.03011    0.02069    0.000391      86      640:
95% 42/44 [00:14<00:00,  3.35it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.02999    0.02049    0.0003854      45      640:
98% 43/44 [00:14<00:00,  3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    62/99      4.47G    0.02995    0.02042    0.0003942      46      640:
100% 44/44 [00:15<00:00,  2.93it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:03<00:00,  2.16it/s]
      all      200      534      0.752      0.624      0.688
0.381

Epoch  GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    63/99      4.47G    0.02779    0.02228    0.0003046          90          640:
2% 1/44 [00:00<00:09,  4.67it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02814    0.02101    0.0004451          74          640:
5% 2/44 [00:00<00:10,  4.07it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
        with torch.cuda.amp.autocast(amp):
            63/99      4.47G    0.02794    0.02247    0.0003893          74          640:
7% 3/44 [00:00<00:11,  3.69it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
            with torch.cuda.amp.autocast(amp):
                63/99      4.47G    0.02797    0.02172    0.0003847          63          640:
9% 4/44 [00:01<00:12,  3.17it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                with torch.cuda.amp.autocast(amp):
                    63/99      4.47G    0.029    0.02162    0.0003443          67          640:
11% 5/44 [00:01<00:11,  3.30it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                    with torch.cuda.amp.autocast(amp):
                        63/99      4.47G    0.0296    0.023    0.0003191          104          640:
14% 6/44 [00:01<00:11,  3.36it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                        with torch.cuda.amp.autocast(amp):
                            63/99      4.47G    0.0296    0.02223    0.0003244          57          640:
16% 7/44 [00:02<00:13,  2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                            with torch.cuda.amp.autocast(amp):
                                63/99      4.47G    0.02953    0.02248    0.0003086          90          640:
18% 8/44 [00:02<00:12,  2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                                with torch.cuda.amp.autocast(amp):
                                    63/99      4.47G    0.02961    0.0228    0.0003301          94          640:
20% 9/44 [00:02<00:11,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                                    with torch.cuda.amp.autocast(amp):
                                        63/99      4.47G    0.02995    0.0233    0.0003139          97          640:
23% 10/44 [00:03<00:10,  3.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                                        with torch.cuda.amp.autocast(amp):
                                            63/99      4.47G    0.02964    0.02311    0.0003033          81          640:
25% 11/44 [00:03<00:11,  2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    63/99      4.47G      0.0295      0.02266      0.0003023      66      640:
27% 12/44 [00:03<00:10,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    63/99      4.47G      0.02954      0.02295      0.000294      89      640:
30% 13/44 [00:04<00:09,  3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    63/99      4.47G      0.02939      0.02287      0.0003282      73      640:
32% 14/44 [00:04<00:10,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    63/99      4.47G      0.02967      0.02244      0.0003271      63      640:
34% 15/44 [00:04<00:09,  3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    63/99      4.47G      0.02951      0.02237      0.0003208      71      640:
36% 16/44 [00:05<00:10,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    63/99      4.47G      0.02957      0.02213      0.0003153      61      640:
39% 17/44 [00:05<00:08,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    63/99      4.47G      0.02949      0.02193      0.0003083      75      640:
41% 18/44 [00:05<00:08,  3.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    63/99      4.47G      0.02957      0.02184      0.000323      69      640:
43% 19/44 [00:06<00:08,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    63/99      4.47G      0.02985      0.02172      0.0004552      58      640:
45% 20/44 [00:06<00:08,  2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    63/99      4.47G      0.0298      0.02146      0.0004705      59      640:
48% 21/44 [00:06<00:07,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    63/99      4.47G      0.02971      0.02128      0.0004781      65      640:
50% 22/44 [00:07<00:07,  3.11it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02956    0.02102  0.0004713          56          640:
52% 23/44 [00:07<00:06,  3.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02954    0.02099  0.0004617          70          640:
55% 24/44 [00:08<00:07,  2.53it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02947    0.02084  0.0005678          65          640:
57% 25/44 [00:08<00:06,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02934    0.02069  0.000565          57          640:
59% 26/44 [00:08<00:06,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02934    0.02061  0.0005508          66          640:
61% 27/44 [00:08<00:05,  3.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.0294    0.02055  0.0005402          58          640:
64% 28/44 [00:09<00:05,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02936    0.02056  0.0005284          78          640:
66% 29/44 [00:09<00:04,  3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02933    0.02053  0.0005208          80          640:
68% 30/44 [00:09<00:04,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02932    0.0206  0.0005231          88          640:
70% 31/44 [00:10<00:03,  3.27it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02925    0.0206  0.0005134          81          640:
73% 32/44 [00:10<00:04,  2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02917    0.02043  0.0005036          49          640:

```



```

75% 33/44 [00:10<00:03, 3.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02933    0.02035  0.0004952          76          640:
77% 34/44 [00:11<00:03, 2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02943    0.02022  0.0004899          57          640:
80% 35/44 [00:11<00:02, 3.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02948    0.0204   0.0004974          83          640:
82% 36/44 [00:12<00:03, 2.58it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02963    0.02068   0.00049          93          640:
84% 37/44 [00:12<00:02, 2.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02958    0.02082  0.0004819          87          640:
86% 38/44 [00:12<00:02, 2.44it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02964    0.02067  0.0004749          44          640:
89% 39/44 [00:13<00:02, 2.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02966    0.02076  0.0004759          90          640:
91% 40/44 [00:13<00:01, 2.21it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02978    0.02082  0.0004728          85          640:
93% 41/44 [00:14<00:01, 2.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02978    0.02099  0.0004709          83          640:
95% 42/44 [00:14<00:00, 2.34it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        63/99      4.47G    0.02966    0.0209   0.0004684          64          640:
98% 43/44 [00:15<00:00, 2.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

63/99	4.47G	0.02965	0.0208	0.000461	49	640:
100% 44/44 [00:15<00:00, 2.81it/s]						
	Class	Images	Instances	P	R	mAP50
mAP50-95: 100% 7/7 [00:02<00:00, 2.64it/s]						
	all	200	534	0.753	0.624	0.704
0.389						

Epoch	GPU_mem	box_loss	obj_loss	cls_loss	Instances	Size
-------	---------	----------	----------	----------	-----------	------

0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

with torch.cuda.amp.autocast(amp):

64/99	4.47G	0.02617	0.01707	0.0001936	65	640:
-------	-------	---------	---------	-----------	----	------

2% 1/44 [00:00<00:08, 5.04it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

with torch.cuda.amp.autocast(amp):

64/99	4.47G	0.02624	0.01898	0.0008084	84	640:
-------	-------	---------	---------	-----------	----	------

5% 2/44 [00:00<00:10, 3.88it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

with torch.cuda.amp.autocast(amp):

64/99	4.47G	0.02746	0.0188	0.0006599	61	640:
-------	-------	---------	--------	-----------	----	------

7% 3/44 [00:00<00:10, 3.93it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

with torch.cuda.amp.autocast(amp):

64/99	4.47G	0.02865	0.0198	0.0005754	77	640:
-------	-------	---------	--------	-----------	----	------

9% 4/44 [00:01<00:11, 3.60it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

with torch.cuda.amp.autocast(amp):

64/99	4.47G	0.02916	0.02004	0.0005669	75	640:
-------	-------	---------	---------	-----------	----	------

11% 5/44 [00:01<00:10, 3.78it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

with torch.cuda.amp.autocast(amp):

64/99	4.47G	0.02943	0.0198	0.0005074	68	640:
-------	-------	---------	--------	-----------	----	------

14% 6/44 [00:01<00:10, 3.75it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

with torch.cuda.amp.autocast(amp):

64/99	4.47G	0.0285	0.01883	0.0004705	52	640:
-------	-------	--------	---------	-----------	----	------

16% 7/44 [00:01<00:09, 4.05it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

with torch.cuda.amp.autocast(amp):

64/99	4.47G	0.02913	0.0196	0.0004412	98	640:
-------	-------	---------	--------	-----------	----	------

18% 8/44 [00:02<00:09, 3.76it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

with torch.cuda.amp.autocast(amp):

64/99	4.47G	0.02896	0.0202	0.0004143	86	640:
-------	-------	---------	--------	-----------	----	------

20% 9/44 [00:02<00:10, 3.31it/s]/content/yolov5/train.py:414: FutureWarning:

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02881    0.02014  0.0004024          78          640:
23% 10/44 [00:02<00:11,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02845    0.01995  0.0003817          74          640:
25% 11/44 [00:03<00:10,  3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02819    0.02011  0.0003642          80          640:
27% 12/44 [00:03<00:10,  3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02879    0.02023  0.0004001          86          640:
30% 13/44 [00:03<00:11,  2.79it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02885    0.02053  0.0003908          78          640:
32% 14/44 [00:04<00:09,  3.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02891    0.02102  0.0004094          101         640:
34% 15/44 [00:04<00:10,  2.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02897    0.02118  0.0003976          78          640:
36% 16/44 [00:04<00:10,  2.79it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02887    0.02126  0.0003841          80          640:
39% 17/44 [00:05<00:09,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02905    0.0211  0.0003722          63          640:
41% 18/44 [00:05<00:08,  3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02903    0.02115  0.0004093          77          640:
43% 19/44 [00:06<00:08,  2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02908    0.02128  0.0004082          87          640:

```

```

45% 20/44 [00:06<00:08, 2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02898    0.02091    0.0003987      44      640:
48% 21/44 [00:06<00:09, 2.48it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02903    0.02094    0.000391      71      640:
50% 22/44 [00:07<00:08, 2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02912    0.02089    0.0003838      63      640:
52% 23/44 [00:07<00:08, 2.35it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.0292    0.02098    0.0003895      65      640:
55% 24/44 [00:08<00:08, 2.33it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02938    0.02085    0.0003828      61      640:
57% 25/44 [00:08<00:08, 2.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02949    0.02106    0.0003779      88      640:
59% 26/44 [00:09<00:07, 2.31it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02955    0.02105    0.0003708      70      640:
61% 27/44 [00:09<00:07, 2.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02948    0.02101    0.0003665      74      640:
64% 28/44 [00:10<00:07, 2.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02948    0.02108    0.0003833      77      640:
66% 29/44 [00:10<00:06, 2.50it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02941    0.02114    0.0003774      74      640:
68% 30/44 [00:10<00:05, 2.55it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

        64/99      4.47G    0.02938    0.02103  0.0003725          56      640:
70% 31/44 [00:11<00:04,  2.62it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02934    0.02094  0.0003669          59      640:
73% 32/44 [00:11<00:04,  2.53it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.0294    0.02118  0.0003605          104      640:
75% 33/44 [00:11<00:03,  2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02934    0.02118  0.0003568          70      640:
77% 34/44 [00:12<00:03,  2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02931    0.02115  0.0003547          73      640:
80% 35/44 [00:12<00:03,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02924    0.02103  0.0003503          60      640:
82% 36/44 [00:12<00:02,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02926    0.02092  0.0003569          49      640:
84% 37/44 [00:13<00:02,  3.19it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02925    0.02099  0.0003548          104      640:
86% 38/44 [00:13<00:02,  2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02924    0.02104  0.000388          69      640:
89% 39/44 [00:13<00:01,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02926    0.02112  0.0004405          77      640:
91% 40/44 [00:14<00:01,  2.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        64/99      4.47G    0.02927    0.02116  0.0004425          74      640:
93% 41/44 [00:14<00:00,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    64/99      4.47G      0.0292      0.02115      0.000436          74          640:
95% 42/44 [00:14<00:00,  2.62it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    64/99      4.47G      0.02912      0.0211      0.0004313          72          640:
98% 43/44 [00:15<00:00,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    64/99      4.47G      0.02902      0.02106      0.0004319          51          640:
100% 44/44 [00:15<00:00,  2.85it/s]
Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.69it/s]
all         200      534      0.774      0.628      0.687
0.386

```

```

Epoch      GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    65/99      4.47G      0.03012      0.02569      0.0001669          89          640:
2% 1/44 [00:00<00:08,  4.99it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    65/99      4.47G      0.03023      0.0213      0.0001546          53          640:
5% 2/44 [00:00<00:10,  3.94it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    65/99      4.47G      0.03028      0.02143      0.0001524          69          640:
7% 3/44 [00:00<00:09,  4.11it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    65/99      4.47G      0.02978      0.02139      0.0003192          72          640:
9% 4/44 [00:01<00:11,  3.48it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    65/99      4.47G      0.03004      0.02187      0.0002979          71          640:
11% 5/44 [00:01<00:11,  3.53it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    65/99      4.47G      0.02962      0.02252      0.0003576          75          640:
14% 6/44 [00:01<00:10,  3.47it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    65/99      4.47G      0.02956      0.02273      0.0003472          96          640:

```

```

16% 7/44 [00:01<00:10, 3.46it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.02933    0.02264  0.0003279          64          640:
18% 8/44 [00:02<00:11, 3.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.02914    0.02208  0.0003141          64          640:
20% 9/44 [00:02<00:13, 2.54it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.02914    0.02233  0.0003373          84          640:
23% 10/44 [00:03<00:13, 2.58it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.02889    0.02179  0.0003238          62          640:
25% 11/44 [00:03<00:15, 2.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.02915    0.02172  0.0003133          87          640:
27% 12/44 [00:04<00:14, 2.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.02937    0.02106  0.0003118          43          640:
30% 13/44 [00:04<00:14, 2.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.02923    0.02064  0.0003018          58          640:
32% 14/44 [00:05<00:12, 2.35it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.02898    0.02024  0.0002992          48          640:
34% 15/44 [00:05<00:11, 2.46it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.0288      0.02024  0.0002907          77          640:
36% 16/44 [00:05<00:11, 2.52it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.02899    0.02022  0.0002841          68          640:
39% 17/44 [00:06<00:10, 2.65it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

        65/99      4.47G    0.02909    0.02038  0.0002779          84      640:
41% 18/44 [00:06<00:08,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.02898    0.02044  0.0002787          79      640:
43% 19/44 [00:06<00:09,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.02899    0.02051  0.000282          82      640:
45% 20/44 [00:07<00:08,  2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.02874    0.02065  0.0002762          93      640:
48% 21/44 [00:07<00:08,  2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.02862    0.02076  0.0002713          85      640:
50% 22/44 [00:07<00:07,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.02866    0.02078  0.000313          62      640:
52% 23/44 [00:08<00:07,  2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.02865    0.02079  0.0003073          77      640:
55% 24/44 [00:08<00:06,  3.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.02868    0.02088  0.0003041          91      640:
57% 25/44 [00:09<00:07,  2.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.02851    0.02074  0.000302          62      640:
59% 26/44 [00:09<00:05,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.02841    0.02057  0.0003085          60      640:
61% 27/44 [00:09<00:06,  2.62it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        65/99      4.47G    0.0283      0.0205  0.0003036          73      640:
64% 28/44 [00:10<00:05,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```



```

with torch.cuda.amp.autocast(amp):
    65/99      4.47G    0.02818    0.02062  0.0002995          82      640:
66% 29/44 [00:10<00:05,  2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    65/99      4.47G    0.02825    0.02069  0.0002954          82      640:
68% 30/44 [00:10<00:04,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    65/99      4.47G    0.02818    0.02044  0.0002933          44      640:
70% 31/44 [00:11<00:04,  2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    65/99      4.47G    0.02809    0.02041  0.0002895          75      640:
73% 32/44 [00:11<00:04,  2.75it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    65/99      4.47G    0.02817    0.02082  0.0002921         103      640:
75% 33/44 [00:11<00:03,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    65/99      4.47G    0.0282    0.02076  0.0002904          69      640:
77% 34/44 [00:12<00:03,  3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    65/99      4.47G    0.02826    0.02074  0.0002899          75      640:
80% 35/44 [00:12<00:03,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    65/99      4.47G    0.02835    0.02062  0.000297          43      640:
82% 36/44 [00:12<00:02,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    65/99      4.47G    0.0283    0.02069  0.0002933          76      640:
84% 37/44 [00:13<00:02,  3.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    65/99      4.47G    0.0283    0.02087  0.0003118         117      640:
86% 38/44 [00:13<00:01,  3.33it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    65/99      4.47G    0.02822    0.02076  0.0003125          55      640:
89% 39/44 [00:13<00:01,  3.32it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    65/99      4.47G    0.02824    0.0209  0.0003393          86          640:
91% 40/44 [00:13<00:01,  3.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    65/99      4.47G    0.02824    0.02087  0.000336          62          640:
93% 41/44 [00:14<00:01,  2.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    65/99      4.47G    0.02826    0.02087  0.0003358          69          640:
95% 42/44 [00:14<00:00,  3.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    65/99      4.47G    0.02831    0.02086  0.0003322          81          640:
98% 43/44 [00:15<00:00,  2.58it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    65/99      4.47G    0.02834    0.02098  0.0003456          59          640:
100% 44/44 [00:15<00:00,  2.81it/s]
          Class      Images  Instances          P          R          mAP50
mAP50-95: 100% 7/7 [00:03<00:00,  2.13it/s]
          all         200        534        0.761        0.666        0.72
0.397
```

```
Epoch    GPU_mem  box_loss  obj_loss  cls_loss  Instances    Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02766    0.01884  0.0003266          58          640:
2% 1/44 [00:00<00:08,  5.01it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02733    0.02053  0.0002609          78          640:
5% 2/44 [00:00<00:10,  3.90it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02749    0.02138  0.000216          83          640:
7% 3/44 [00:00<00:10,  3.82it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02691    0.01968  0.0002665          56          640:
9% 4/44 [00:01<00:12,  3.29it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
```

```

        66/99      4.47G    0.02787    0.02032  0.0003359          78      640:
11% 5/44 [00:01<00:10,  3.56it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        66/99      4.47G    0.02821    0.01992  0.0003279          55      640:
14% 6/44 [00:01<00:10,  3.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        66/99      4.47G    0.0286    0.02045  0.0003072          89      640:
16% 7/44 [00:01<00:10,  3.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        66/99      4.47G    0.02899    0.02035  0.0002931          75      640:
18% 8/44 [00:02<00:10,  3.59it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        66/99      4.47G    0.02943    0.02095  0.0003703          98      640:
20% 9/44 [00:02<00:09,  3.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        66/99      4.47G    0.02918    0.02079  0.000352          63      640:
23% 10/44 [00:02<00:10,  3.38it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        66/99      4.47G    0.02891    0.02127  0.000345          82      640:
25% 11/44 [00:03<00:09,  3.52it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        66/99      4.47G    0.02885    0.02153  0.0004298          79      640:
27% 12/44 [00:03<00:11,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        66/99      4.47G    0.02875    0.02109  0.000428          57      640:
30% 13/44 [00:03<00:10,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        66/99      4.47G    0.02905    0.02065  0.0004667          44      640:
32% 14/44 [00:04<00:10,  2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        66/99      4.47G    0.02891    0.02061  0.0004472          67      640:
34% 15/44 [00:04<00:09,  3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02906    0.02068    0.0004988          64          640:
36% 16/44 [00:04<00:09,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.0292    0.02068    0.0004768          78          640:
39% 17/44 [00:05<00:08,  3.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02914    0.02062    0.0004583          59          640:
41% 18/44 [00:05<00:08,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02917    0.02033    0.0004562          53          640:
43% 19/44 [00:05<00:08,  2.78it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.0289    0.02015    0.0004403          63          640:
45% 20/44 [00:06<00:08,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02893    0.02001    0.0004264          49          640:
48% 21/44 [00:06<00:07,  2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02894    0.01988    0.000428          66          640:
50% 22/44 [00:06<00:06,  3.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02884    0.02004    0.000418          88          640:
52% 23/44 [00:07<00:07,  2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02911    0.02018    0.0004291          90          640:
55% 24/44 [00:07<00:06,  2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02921    0.02043    0.0004422          114          640:
57% 25/44 [00:08<00:07,  2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02926    0.02056    0.0004447          80          640:
59% 26/44 [00:08<00:06,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02919    0.02036  0.0004866          51          640:
61% 27/44 [00:08<00:06,  2.55it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02924    0.02037  0.0004752          74          640:
64% 28/44 [00:09<00:06,  2.58it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02914    0.02047  0.0004647          88          640:
66% 29/44 [00:09<00:06,  2.31it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02906    0.02038  0.0004551          61          640:
68% 30/44 [00:10<00:05,  2.59it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02901    0.02034  0.0004588          70          640:
70% 31/44 [00:10<00:06,  1.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02909    0.02033    0.00045          67          640:
73% 32/44 [00:11<00:05,  2.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02891    0.02017  0.0004424          63          640:
75% 33/44 [00:11<00:05,  1.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02894    0.02022  0.0004334          78          640:
77% 34/44 [00:12<00:04,  2.20it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02899    0.02028  0.0004262          87          640:
80% 35/44 [00:12<00:04,  2.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02894    0.02042  0.0004524          97          640:
82% 36/44 [00:12<00:03,  2.33it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02882    0.02046  0.0004442          82          640:
84% 37/44 [00:13<00:02,  2.39it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02882    0.02032  0.0004386          51          640:
86% 38/44 [00:13<00:02,  2.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02883    0.02031  0.0004344          62          640:
89% 39/44 [00:14<00:01,  2.53it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.0287    0.0202  0.0004292          62          640:
91% 40/44 [00:14<00:01,  2.75it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02868    0.02024  0.0004317          77          640:
93% 41/44 [00:14<00:01,  2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02878    0.02039  0.0004256         101          640:
95% 42/44 [00:14<00:00,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.0289    0.02052  0.0004197          78          640:
98% 43/44 [00:15<00:00,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    66/99      4.47G    0.02883    0.02047  0.0004465          51          640:
100% 44/44 [00:15<00:00,  2.83it/s]
      Class      Images  Instances      P          R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.73it/s]
              all        200        534      0.788      0.638      0.709
0.391

```

```

      Epoch    GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
  0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      67/99      4.47G    0.02551    0.01612  0.0001874          58          640:
  2% 1/44 [00:00<00:08,  4.85it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      67/99      4.47G    0.02676    0.01718  0.0001655          61          640:
  5% 2/44 [00:00<00:09,  4.32it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    67/99      4.47G    0.02665    0.01992  0.0001638          87          640:
7% 3/44 [00:00<00:09,  4.13it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G    0.02671    0.0207  0.0001634          70          640:
9% 4/44 [00:01<00:10,  3.64it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
        with torch.cuda.amp.autocast(amp):
            67/99      4.47G    0.02871    0.02042  0.0001592          68          640:
11% 5/44 [00:01<00:10,  3.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
            with torch.cuda.amp.autocast(amp):
                67/99      4.47G    0.0284    0.02083  0.0001664          90          640:
14% 6/44 [00:01<00:10,  3.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                with torch.cuda.amp.autocast(amp):
                    67/99      4.47G    0.02905    0.02136  0.0001629          83          640:
16% 7/44 [00:01<00:10,  3.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                    with torch.cuda.amp.autocast(amp):
                        67/99      4.47G    0.02906    0.02179  0.0001631          97          640:
18% 8/44 [00:02<00:10,  3.52it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                        with torch.cuda.amp.autocast(amp):
                            67/99      4.47G    0.02883    0.02123  0.0002216          63          640:
20% 9/44 [00:02<00:11,  3.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                            with torch.cuda.amp.autocast(amp):
                                67/99      4.47G    0.02893    0.02101  0.0002125          75          640:
23% 10/44 [00:02<00:10,  3.40it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                                with torch.cuda.amp.autocast(amp):
                                    67/99      4.47G    0.0291    0.02097  0.0002089          73          640:
25% 11/44 [00:03<00:11,  2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                                    with torch.cuda.amp.autocast(amp):
                                        67/99      4.47G    0.0292    0.02123  0.0002076          77          640:
27% 12/44 [00:03<00:10,  3.06it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                                        with torch.cuda.amp.autocast(amp):
                                            67/99      4.47G    0.02917    0.02118  0.0002047          80          640:
30% 13/44 [00:03<00:09,  3.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    67/99      4.47G    0.02897    0.02124  0.0002007          81          640:
32% 14/44 [00:04<00:09,  3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    67/99      4.47G    0.02896    0.02134  0.0001963          78          640:
34% 15/44 [00:04<00:13,  2.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    67/99      4.47G    0.02891    0.02151  0.0002117          87          640:
36% 16/44 [00:05<00:11,  2.34it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    67/99      4.47G    0.02877    0.0216  0.0002069          82          640:
39% 17/44 [00:05<00:13,  2.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    67/99      4.47G    0.02888    0.02149  0.0002305          80          640:
41% 18/44 [00:06<00:10,  2.37it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    67/99      4.47G    0.02877    0.0214  0.0002285          64          640:
43% 19/44 [00:06<00:12,  1.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    67/99      4.47G    0.02893    0.02117  0.0002248          66          640:
45% 20/44 [00:07<00:10,  2.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    67/99      4.47G    0.02908    0.02113  0.0002236          61          640:
48% 21/44 [00:07<00:10,  2.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    67/99      4.47G    0.02913    0.0211  0.00022          82          640:
50% 22/44 [00:08<00:09,  2.39it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    67/99      4.47G    0.02906    0.02095  0.0002169          59          640:
52% 23/44 [00:08<00:08,  2.34it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    67/99      4.47G    0.02913    0.02111  0.0002146          81          640:
55% 24/44 [00:08<00:07,  2.62it/s]/content/yolov5/train.py:414: FutureWarning:

```



```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G      0.02916      0.02112      0.0002235          73          640:
57% 25/44 [00:09<00:07,  2.62it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G      0.0291      0.02125      0.0002219          88          640:
59% 26/44 [00:09<00:06,  2.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G      0.02901      0.02113      0.0002292          67          640:
61% 27/44 [00:09<00:06,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G      0.02904      0.02103      0.0002265          64          640:
64% 28/44 [00:10<00:05,  2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G      0.02901      0.02113      0.0002337          73          640:
66% 29/44 [00:10<00:05,  2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G      0.02891      0.0212      0.0002303          86          640:
68% 30/44 [00:10<00:04,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G      0.02889      0.02111      0.0002275          74          640:
70% 31/44 [00:11<00:04,  2.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G      0.02883      0.02114      0.0002243          83          640:
73% 32/44 [00:11<00:04,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G      0.02885      0.02133      0.0002226          105         640:
75% 33/44 [00:11<00:03,  2.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G      0.02883      0.02129      0.0002211          75          640:
77% 34/44 [00:12<00:03,  3.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G      0.0289      0.02126      0.0002198          78          640:

```

```

80% 35/44 [00:12<00:03, 2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G    0.02889    0.02111    0.00022          62          640:
82% 36/44 [00:12<00:02, 3.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G    0.02883    0.0213    0.0002178          102          640:
84% 37/44 [00:13<00:02, 2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G    0.02882    0.0212    0.0002187           54          640:
86% 38/44 [00:13<00:01, 3.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G    0.02875    0.02115    0.0002165           66          640:
89% 39/44 [00:13<00:01, 2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G    0.02871    0.02137    0.0002168          125          640:
91% 40/44 [00:14<00:01, 2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G    0.02862    0.02128    0.0002152           71          640:
93% 41/44 [00:14<00:01, 2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G    0.02851    0.02121    0.0002391           68          640:
95% 42/44 [00:14<00:00, 3.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G    0.02849    0.02121    0.0002366           76          640:
98% 43/44 [00:15<00:00, 2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        67/99      4.47G    0.02846    0.02122    0.000235           60          640:
100% 44/44 [00:15<00:00, 2.85it/s]
      Class      Images  Instances      P          R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00, 2.40it/s]
      all        200        534      0.814      0.601      0.712
0.395

```

```

Epoch  GPU_mem  box_loss  obj_loss  cls_loss  Instances  Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda

```

```

a', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    68/99      4.47G    0.02526    0.01954  0.0007196          66      640:
2% 1/44 [00:00<00:10,  4.27it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    68/99      4.47G    0.02569    0.01992  0.0004513          76      640:
5% 2/44 [00:00<00:10,  3.86it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    68/99      4.47G    0.02579    0.02222    0.000413          98      640:
7% 3/44 [00:00<00:11,  3.67it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    68/99      4.47G    0.02492    0.02064  0.0003466          64      640:
9% 4/44 [00:01<00:13,  3.00it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    68/99      4.47G    0.02634    0.02037  0.0003149          62      640:
11% 5/44 [00:01<00:11,  3.31it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    68/99      4.47G    0.02723    0.02015  0.0002942          69      640:
14% 6/44 [00:01<00:11,  3.28it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    68/99      4.47G    0.02718    0.01979  0.0003626          66      640:
16% 7/44 [00:02<00:11,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    68/99      4.47G    0.02711    0.02013  0.0003359          80      640:
18% 8/44 [00:02<00:13,  2.62it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    68/99      4.47G    0.02721    0.01984  0.0003248          71      640:
20% 9/44 [00:02<00:11,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    68/99      4.47G    0.02751    0.01983  0.0003593          63      640:
23% 10/44 [00:03<00:11,  2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    68/99      4.47G    0.02726    0.01978  0.0003439          64      640:
25% 11/44 [00:03<00:10,  3.26it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G      0.02724      0.01937      0.0004654          55          640:
27% 12/44 [00:04<00:12,  2.56it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G      0.0273      0.01948      0.0004401          71          640:
30% 13/44 [00:04<00:10,  2.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G      0.02753      0.0194      0.0004209          68          640:
32% 14/44 [00:04<00:11,  2.65it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G      0.02777      0.01968      0.0004187          73          640:
34% 15/44 [00:04<00:09,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G      0.02819      0.01978      0.0005043          75          640:
36% 16/44 [00:05<00:10,  2.65it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G      0.02801      0.01951      0.0005016          60          640:
39% 17/44 [00:05<00:09,  2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G      0.02791      0.01974      0.0004992          69          640:
41% 18/44 [00:06<00:10,  2.59it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G      0.02782      0.01971      0.000496          73          640:
43% 19/44 [00:06<00:08,  2.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G      0.02782      0.01993      0.0005043          84          640:
45% 20/44 [00:06<00:08,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G      0.02797      0.02006      0.0004859          80          640:
48% 21/44 [00:06<00:06,  3.29it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G      0.02784      0.02009      0.0004706          88          640:

```

```

50% 22/44 [00:07<00:07, 2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.02798    0.02007  0.0005026          72          640:
52% 23/44 [00:07<00:06, 3.29it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.028     0.0201  0.0004894          71          640:
55% 24/44 [00:08<00:07, 2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.02802    0.02011  0.0004757          64          640:
57% 25/44 [00:08<00:06, 3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.02796    0.02011  0.0004637          76          640:
59% 26/44 [00:08<00:06, 2.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.02798    0.02043  0.0004545         100          640:
61% 27/44 [00:09<00:05, 3.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.02815    0.02035  0.0004447          58          640:
64% 28/44 [00:09<00:05, 2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.02804    0.02012  0.0004348          46          640:
66% 29/44 [00:09<00:04, 3.20it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.02828    0.02015  0.0004797          67          640:
68% 30/44 [00:09<00:04, 3.34it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.02849    0.02016  0.0004733          64          640:
70% 31/44 [00:10<00:04, 3.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.02832    0.02004  0.0004757          72          640:
73% 32/44 [00:10<00:04, 2.72it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

        68/99      4.47G    0.02841    0.02014  0.0004655          84      640:
75% 33/44 [00:11<00:03,  3.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.02837    0.02005  0.0004586          63      640:
77% 34/44 [00:11<00:03,  2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.0284    0.01998  0.0004491          70      640:
80% 35/44 [00:11<00:02,  3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.0284    0.02006  0.0004418          82      640:
82% 36/44 [00:12<00:03,  2.48it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.02836    0.02012  0.0004354          81      640:
84% 37/44 [00:12<00:02,  2.79it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.02826    0.01996  0.0004279          45      640:
86% 38/44 [00:13<00:02,  2.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.02828    0.02007  0.000437          87      640:
89% 39/44 [00:13<00:01,  2.62it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.02835    0.02022  0.0004322          72      640:
91% 40/44 [00:14<00:02,  1.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.02833    0.02009  0.0004276          51      640:
93% 41/44 [00:14<00:01,  2.28it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.02832    0.0201  0.0004228          87      640:
95% 42/44 [00:15<00:01,  1.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        68/99      4.47G    0.02832    0.0202  0.0004158          108     640:
98% 43/44 [00:15<00:00,  2.28it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    68/99      4.47G    0.02837    0.02023    0.0004111          51          640:
100% 44/44 [00:15<00:00,  2.77it/s]
      Class      Images  Instances          P          R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.74it/s]
      all         200       534       0.723       0.642       0.696
0.381

```

```

Epoch    GPU_mem    box_loss    obj_loss    cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.
uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cud
a', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.03188    0.02199    0.0004338          76          640:
2% 1/44 [00:00<00:08,  4.85it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.03292    0.02792    0.0003598          118          640:
5% 2/44 [00:00<00:11,  3.76it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.0308    0.02432    0.0002835          70          640:
7% 3/44 [00:00<00:10,  3.93it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.03049    0.02335    0.0002659          72          640:
9% 4/44 [00:01<00:10,  3.68it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.02972    0.02258    0.0005151          66          640:
11% 5/44 [00:01<00:10,  3.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.02995    0.02164    0.0005198          71          640:
14% 6/44 [00:01<00:09,  3.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.02933    0.02192    0.0004673          82          640:
16% 7/44 [00:01<00:09,  3.75it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.02885    0.02114    0.0004265          56          640:
18% 8/44 [00:02<00:09,  3.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.02946    0.02059    0.0004034          56          640:

```

```

20% 9/44 [00:02<00:09, 3.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.02935    0.02045    0.0003789          69          640:
23% 10/44 [00:02<00:09, 3.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.02936    0.0207    0.0003664          90          640:
25% 11/44 [00:03<00:11, 2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.02914    0.02064    0.000623          59          640:
27% 12/44 [00:03<00:10, 2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.02925    0.02082    0.0005856          84          640:
30% 13/44 [00:03<00:11, 2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.02884    0.02044    0.0006291          53          640:
32% 14/44 [00:04<00:09, 3.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.02851    0.02032    0.0005981          72          640:
34% 15/44 [00:04<00:09, 3.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.02835    0.02019    0.0005893          61          640:
36% 16/44 [00:04<00:08, 3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.02825    0.02006    0.0005661          77          640:
39% 17/44 [00:05<00:09, 2.72it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.0282    0.02014    0.0006269          83          640:
41% 18/44 [00:05<00:08, 3.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.028    0.02009    0.0006019          72          640:
43% 19/44 [00:05<00:08, 3.10it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):

```



```

        69/99      4.47G    0.02792      0.02  0.0005792      72      640:
45% 20/44 [00:06<00:07,  3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.02793      0.01982  0.0005587      59      640:
48% 21/44 [00:06<00:07,  2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.02787      0.02018  0.000547      97      640:
50% 22/44 [00:06<00:07,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.02779      0.02037  0.0005604      83      640:
52% 23/44 [00:07<00:07,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.02776      0.0204  0.0005447      69      640:
55% 24/44 [00:07<00:07,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.02792      0.02059  0.0005615      78      640:
57% 25/44 [00:08<00:08,  2.36it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.02786      0.02089  0.0005517     101      640:
59% 26/44 [00:08<00:07,  2.42it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.02775      0.02066  0.0005377      60      640:
61% 27/44 [00:09<00:07,  2.33it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.02774      0.02071  0.0005246      85      640:
64% 28/44 [00:09<00:07,  2.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.02782      0.02072  0.0005143      75      640:
66% 29/44 [00:10<00:06,  2.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        69/99      4.47G    0.02785      0.02083  0.0005026      94      640:
68% 30/44 [00:10<00:06,  2.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.02783    0.02067    0.0004913          63          640:
70% 31/44 [00:10<00:05,  2.30it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.0278    0.02059    0.000481          71          640:
73% 32/44 [00:11<00:05,  2.32it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.02784    0.02056    0.0004736          79          640:
75% 33/44 [00:11<00:04,  2.68it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.02789    0.02048    0.0004643          53          640:
77% 34/44 [00:11<00:03,  2.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.02784    0.02044    0.0004585          64          640:
80% 35/44 [00:12<00:03,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.02797    0.02052    0.0004508          69          640:
82% 36/44 [00:12<00:03,  2.48it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.0281    0.02046    0.0004424          70          640:
84% 37/44 [00:13<00:02,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.02814    0.02047    0.0004342          77          640:
86% 38/44 [00:13<00:02,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.02813    0.02052    0.0004513          95          640:
89% 39/44 [00:13<00:01,  3.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.02815    0.02047    0.0004461          64          640:
91% 40/44 [00:14<00:01,  2.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.02813    0.02067    0.0004399          97          640:
93% 41/44 [00:14<00:00,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.02805    0.02051  0.0004341          51          640:
95% 42/44 [00:14<00:00,  2.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.02812    0.02041  0.000443          60          640:
98% 43/44 [00:14<00:00,  3.06it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    69/99      4.47G    0.02807    0.02041  0.0004406          59          640:
100% 44/44 [00:15<00:00,  2.88it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.57it/s]
      all        200      534      0.777    0.641    0.708
0.404
```

```
      Epoch    GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
  0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.c
uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cud
a', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      70/99      4.47G    0.0278    0.02173  0.000148          96          640:
  2% 1/44 [00:00<00:08,  4.98it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      70/99      4.47G    0.02685    0.01917  0.0002077          57          640:
  5% 2/44 [00:00<00:09,  4.39it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      70/99      4.47G    0.02678    0.02044  0.0001951          93          640:
  7% 3/44 [00:00<00:09,  4.47it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      70/99      4.47G    0.02725    0.02126  0.0001927          75          640:
  9% 4/44 [00:00<00:10,  3.92it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      70/99      4.47G    0.02619    0.0208  0.0002121          80          640:
 11% 5/44 [00:01<00:09,  4.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      70/99      4.47G    0.02609    0.0211  0.0001989          81          640:
 14% 6/44 [00:01<00:09,  4.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
```

```

70/99      4.47G    0.02636    0.02065  0.0001917          65      640:
16% 7/44 [00:01<00:08,  4.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
70/99      4.47G    0.02659    0.02014  0.0002431          59      640:
18% 8/44 [00:02<00:12,  2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
70/99      4.47G    0.02665    0.01973  0.0008308          60      640:
20% 9/44 [00:02<00:10,  3.21it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
70/99      4.47G    0.027      0.02067  0.0007699          95      640:
23% 10/44 [00:03<00:13,  2.50it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
70/99      4.47G    0.02723    0.0208  0.0007168          85      640:
25% 11/44 [00:03<00:11,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
70/99      4.47G    0.02726    0.02056  0.0006694          60      640:
27% 12/44 [00:04<00:14,  2.22it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
70/99      4.47G    0.02719    0.02026  0.0006316          59      640:
30% 13/44 [00:04<00:12,  2.47it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
70/99      4.47G    0.02731    0.02053  0.0005991          86      640:
32% 14/44 [00:04<00:14,  2.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
70/99      4.47G    0.02734    0.02052  0.0005805          73      640:
34% 15/44 [00:05<00:12,  2.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
70/99      4.47G    0.02739    0.02042  0.0005551          66      640:
36% 16/44 [00:05<00:13,  2.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
70/99      4.47G    0.02751    0.02024  0.0005334          64      640:
39% 17/44 [00:06<00:11,  2.37it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    70/99      4.47G    0.02785    0.02013    0.0005423          60          640:
41% 18/44 [00:06<00:11,  2.21it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    70/99      4.47G    0.02787    0.02028    0.0005496          92          640:
43% 19/44 [00:06<00:09,  2.56it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    70/99      4.47G    0.0279     0.0206    0.0005295         104          640:
45% 20/44 [00:07<00:10,  2.33it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    70/99      4.47G    0.02824    0.02059    0.0005121          78          640:
48% 21/44 [00:07<00:08,  2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    70/99      4.47G    0.02839    0.02077    0.0005114          83          640:
50% 22/44 [00:07<00:07,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    70/99      4.47G    0.02856    0.02092    0.0004952          84          640:
52% 23/44 [00:08<00:06,  3.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    70/99      4.47G    0.02848    0.02059    0.0004858          44          640:
55% 24/44 [00:08<00:08,  2.49it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    70/99      4.47G    0.02857    0.02056    0.0004799          65          640:
57% 25/44 [00:09<00:06,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    70/99      4.47G    0.02855    0.02078    0.0004672          95          640:
59% 26/44 [00:09<00:06,  2.72it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    70/99      4.47G    0.0288     0.02088    0.0004563          93          640:
61% 27/44 [00:09<00:05,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    70/99      4.47G    0.02881    0.02079    0.0004452          72          640:
64% 28/44 [00:10<00:05,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    70/99      4.47G      0.0287      0.02064  0.0004358          61          640:
66% 29/44 [00:10<00:04,  3.36it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    70/99      4.47G      0.02871      0.02052  0.0004826          60          640:
68% 30/44 [00:10<00:04,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    70/99      4.47G      0.02881      0.02066  0.0004729          91          640:
70% 31/44 [00:10<00:04,  3.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    70/99      4.47G      0.02873      0.02054  0.0004711          55          640:
73% 32/44 [00:11<00:04,  2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    70/99      4.47G      0.02872      0.02042  0.0004634          54          640:
75% 33/44 [00:11<00:03,  2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    70/99      4.47G      0.0286      0.02043  0.0004535          71          640:
77% 34/44 [00:12<00:03,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    70/99      4.47G      0.02854      0.02057  0.0004467          86          640:
80% 35/44 [00:12<00:02,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    70/99      4.47G      0.02854      0.02056  0.0004449          61          640:
82% 36/44 [00:12<00:02,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    70/99      4.47G      0.02848      0.02048  0.0004386          61          640:
84% 37/44 [00:13<00:02,  3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    70/99      4.47G      0.02847      0.02054  0.0004325          86          640:
86% 38/44 [00:13<00:01,  3.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    70/99      4.47G      0.02844      0.02042  0.0004263          58          640:
89% 39/44 [00:13<00:01,  3.50it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    70/99      4.47G    0.02842    0.02029  0.0004206          63          640:
91% 40/44 [00:14<00:01,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    70/99      4.47G    0.02849    0.02044  0.0004137          101          640:
93% 41/44 [00:14<00:00,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    70/99      4.47G    0.02849    0.02051  0.0004071          85          640:
95% 42/44 [00:14<00:00,  2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    70/99      4.47G    0.02847    0.02054  0.0004032          81          640:
98% 43/44 [00:15<00:00,  3.19it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    70/99      4.47G    0.02858    0.02062  0.0004748          49          640:
100% 44/44 [00:15<00:00,  2.86it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:03<00:00,  2.13it/s]
      all        200      534      0.811    0.619    0.707
0.398

```

```

Epoch   GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
 0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02966    0.02095  0.0002052          70          640:
 2% 1/44 [00:00<00:08,  4.98it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.03205    0.02122  0.0001994          76          640:
 5% 2/44 [00:00<00:11,  3.74it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.03026    0.02079  0.0002277          63          640:
 7% 3/44 [00:00<00:10,  4.03it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02958    0.01962  0.0002118          54          640:
 9% 4/44 [00:01<00:11,  3.50it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.03019    0.01989    0.0004031          76          640:
11% 5/44 [00:01<00:10,  3.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02963    0.02004    0.0003571          79          640:
14% 6/44 [00:01<00:10,  3.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02989    0.02033    0.0003393          76          640:
16% 7/44 [00:01<00:10,  3.54it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02925    0.02019    0.0003718          70          640:
18% 8/44 [00:02<00:10,  3.40it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02918    0.02041    0.0003485          74          640:
20% 9/44 [00:02<00:09,  3.62it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02917    0.02052    0.0003332          77          640:
23% 10/44 [00:02<00:10,  3.29it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02935    0.02061    0.0003168          80          640:
25% 11/44 [00:03<00:09,  3.51it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02905    0.02047    0.0003025          74          640:
27% 12/44 [00:03<00:10,  3.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02878    0.02052    0.0003314          70          640:
30% 13/44 [00:03<00:08,  3.53it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02882    0.02053    0.000327          71          640:
32% 14/44 [00:04<00:10,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02915    0.02034    0.0003158          64          640:
34% 15/44 [00:04<00:09,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```



```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02929    0.02076    0.0003106          87          640:
36% 16/44 [00:04<00:10,  2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02947    0.0208    0.0003076          82          640:
39% 17/44 [00:05<00:09,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02934    0.02062    0.0003042          60          640:
41% 18/44 [00:05<00:08,  3.06it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02945    0.02076    0.0002955          70          640:
43% 19/44 [00:05<00:08,  3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02938    0.02061    0.0002885          69          640:
45% 20/44 [00:06<00:08,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02953    0.02065    0.0003231          74          640:
48% 21/44 [00:06<00:07,  3.05it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02938    0.02066    0.0003155          86          640:
50% 22/44 [00:06<00:07,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02943    0.02067    0.0003108          82          640:
52% 23/44 [00:07<00:07,  2.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02948    0.02078    0.0003055          83          640:
55% 24/44 [00:07<00:07,  2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02946    0.02077    0.0003016          63          640:
57% 25/44 [00:07<00:07,  2.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    71/99      4.47G    0.02947    0.02112    0.0002954          96          640:
59% 26/44 [00:08<00:05,  3.06it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        71/99      4.47G    0.02925    0.02095  0.0002975          58          640:
61% 27/44 [00:08<00:05,  2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        71/99      4.47G    0.02923    0.02111  0.0003122          86          640:
64% 28/44 [00:08<00:05,  3.10it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        71/99      4.47G    0.02914    0.02109  0.0003058          74          640:
66% 29/44 [00:09<00:05,  2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        71/99      4.47G    0.02902    0.02118  0.0003047          84          640:
68% 30/44 [00:09<00:04,  3.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        71/99      4.47G     0.029    0.02121  0.0003014          90          640:
70% 31/44 [00:10<00:04,  2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        71/99      4.47G    0.02895    0.0211  0.0002971          67          640:
73% 32/44 [00:10<00:04,  2.72it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        71/99      4.47G    0.02895    0.02115  0.0002943          73          640:
75% 33/44 [00:10<00:04,  2.57it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        71/99      4.47G    0.02901    0.02105  0.0002947          59          640:
77% 34/44 [00:11<00:03,  2.52it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        71/99      4.47G    0.02889    0.02099  0.0002912          77          640:
80% 35/44 [00:11<00:04,  2.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        71/99      4.47G    0.02882    0.02097  0.0002882          76          640:
82% 36/44 [00:12<00:03,  2.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        71/99      4.47G    0.02876    0.02105  0.0002843          88          640:

```

```

84% 37/44 [00:12<00:03, 2.27it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      71/99      4.47G    0.02874    0.02099  0.0002815          65          640:
86% 38/44 [00:13<00:02, 2.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      71/99      4.47G    0.02893    0.02098  0.0002794          71          640:
89% 39/44 [00:13<00:02, 2.22it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      71/99      4.47G    0.02883    0.02086  0.0002827          58          640:
91% 40/44 [00:14<00:01, 2.22it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      71/99      4.47G    0.0289    0.02074  0.0002803          69          640:
93% 41/44 [00:14<00:01, 2.49it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      71/99      4.47G    0.02888    0.02078  0.000278          73          640:
95% 42/44 [00:14<00:00, 2.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      71/99      4.47G    0.02885    0.02075  0.0002754          78          640:
98% 43/44 [00:15<00:00, 2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      71/99      4.47G    0.02884    0.02102  0.0002754          82          640:
100% 44/44 [00:15<00:00, 2.88it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00, 2.60it/s]
      all      200      534      0.824      0.609      0.699
0.396

```

```

      Epoch      GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      72/99      4.47G    0.03347    0.01484  0.0001688          43          640:
2% 1/44 [00:00<00:08, 5.00it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      72/99      4.47G    0.03244    0.02014  0.0002429          94          640:
5% 2/44 [00:00<00:09, 4.35it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      72/99      4.47G    0.03244    0.02014  0.0002429          94          640:

```

```

t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    72/99      4.47G    0.03167    0.02009  0.0002088          71          640:
7% 3/44 [00:00<00:09,  4.12it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    72/99      4.47G    0.03088    0.01972  0.0002057          64          640:
9% 4/44 [00:01<00:11,  3.55it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    72/99      4.47G    0.0301    0.01932  0.0001952          76          640:
11% 5/44 [00:01<00:10,  3.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    72/99      4.47G    0.0301    0.01953  0.000207          68          640:
14% 6/44 [00:01<00:10,  3.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    72/99      4.47G    0.03023    0.01955  0.0001993          77          640:
16% 7/44 [00:01<00:10,  3.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    72/99      4.47G    0.02985    0.01922  0.0001964          55          640:
18% 8/44 [00:02<00:10,  3.32it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    72/99      4.47G    0.02963    0.01905  0.0001987          59          640:
20% 9/44 [00:02<00:09,  3.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    72/99      4.47G    0.02913    0.01893  0.000192          63          640:
23% 10/44 [00:02<00:09,  3.53it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    72/99      4.47G    0.02884    0.01876  0.0002788          65          640:
25% 11/44 [00:02<00:09,  3.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    72/99      4.47G    0.02881    0.01899  0.0003042          68          640:
27% 12/44 [00:03<00:10,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    72/99      4.47G    0.02857    0.01875  0.000291          56          640:
30% 13/44 [00:03<00:09,  3.37it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.0287      0.01863  0.0002813          70          640:
32% 14/44 [00:04<00:10,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02856      0.01868  0.0002714          66          640:
34% 15/44 [00:04<00:09,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02851      0.01876  0.0002692          86          640:
36% 16/44 [00:04<00:09,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02844      0.01881  0.0002671          64          640:
39% 17/44 [00:05<00:09,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02868      0.01881  0.0002616          77          640:
41% 18/44 [00:05<00:08,  3.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02871      0.0186  0.0002609          48          640:
43% 19/44 [00:05<00:08,  2.78it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02887      0.01877  0.0003041          90          640:
45% 20/44 [00:06<00:10,  2.36it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02882      0.0191  0.0002975          97          640:
48% 21/44 [00:06<00:10,  2.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02871      0.0192  0.0002914          77          640:
50% 22/44 [00:07<00:09,  2.41it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02854      0.01935  0.0002917          85          640:
52% 23/44 [00:07<00:10,  2.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02831      0.01918  0.0002849          54          640:

```

```

55% 24/44 [00:08<00:09, 2.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.0283      0.01911      0.000281          63          640:
57% 25/44 [00:08<00:09, 2.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02832      0.01886      0.0002755          49          640:
59% 26/44 [00:09<00:08, 2.22it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02836      0.01884      0.0002862          56          640:
61% 27/44 [00:09<00:07, 2.27it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02835      0.01912      0.0002855          92          640:
64% 28/44 [00:09<00:06, 2.56it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02833      0.01944      0.000287          110          640:
66% 29/44 [00:10<00:05, 2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02836      0.01934      0.0002814          56          640:
68% 30/44 [00:10<00:04, 2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02849      0.01936      0.0002787          75          640:
70% 31/44 [00:10<00:04, 2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02853      0.01919      0.0003652          49          640:
73% 32/44 [00:11<00:04, 2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02846      0.01921      0.0003592          72          640:
75% 33/44 [00:11<00:04, 2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        72/99      4.47G      0.02845      0.01914      0.0003623          56          640:
77% 34/44 [00:11<00:03, 3.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

72/99      4.47G    0.02844    0.01914  0.0003558          77      640:
80% 35/44 [00:12<00:03,  2.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
72/99      4.47G    0.02835    0.01918  0.0003626          71      640:
82% 36/44 [00:12<00:02,  3.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
72/99      4.47G    0.02817    0.01896  0.000364          46      640:
84% 37/44 [00:13<00:02,  2.79it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
72/99      4.47G    0.0282    0.01901  0.0003586          81      640:
86% 38/44 [00:13<00:01,  3.06it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
72/99      4.47G    0.02818    0.01915  0.0003627          78      640:
89% 39/44 [00:13<00:02,  2.48it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
72/99      4.47G    0.02812    0.01915  0.0003572          71      640:
91% 40/44 [00:14<00:01,  2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
72/99      4.47G    0.02797    0.01911  0.0003515          71      640:
93% 41/44 [00:14<00:01,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
72/99      4.47G    0.02799    0.01912  0.0003521          73      640:
95% 42/44 [00:14<00:00,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
72/99      4.47G    0.02802    0.01931  0.0003463          116     640:
98% 43/44 [00:15<00:00,  2.68it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
72/99      4.47G    0.02801    0.0194  0.0003423          65      640:
100% 44/44 [00:15<00:00,  2.84it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.69it/s]
      all      200      534      0.725      0.663      0.711
0.393

```

```

Epoch  GPU_mem  box_loss  obj_loss  cls_loss  Instances  Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.c

```

```

uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02489    0.01438  0.0001842          55          640:
2% 1/44 [00:00<00:08,  4.93it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02741    0.02096  0.0001861          98          640:
5% 2/44 [00:00<00:10,  4.13it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02969    0.02047  0.0001916          70          640:
7% 3/44 [00:00<00:10,  3.91it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.03019    0.01958  0.0001899          60          640:
9% 4/44 [00:01<00:12,  3.26it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02933    0.01947  0.0001845          81          640:
11% 5/44 [00:01<00:11,  3.48it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02858    0.01905  0.0001763          67          640:
14% 6/44 [00:01<00:10,  3.57it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02905    0.01895  0.0002089          71          640:
16% 7/44 [00:02<00:12,  2.85it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02918    0.01868  0.0002148          61          640:
18% 8/44 [00:02<00:12,  2.82it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02912    0.01853  0.0002271          73          640:
20% 9/44 [00:03<00:15,  2.26it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02887    0.0186  0.0002233          76          640:
23% 10/44 [00:03<00:14,  2.39it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02888    0.01874  0.0002157          75          640:

```



```

25% 11/44 [00:04<00:14, 2.22it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        73/99      4.47G    0.02866    0.01961  0.0002136          122      640:
27% 12/44 [00:04<00:14, 2.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        73/99      4.47G    0.02871    0.01976  0.0002091          68      640:
30% 13/44 [00:04<00:12, 2.56it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        73/99      4.47G    0.0287    0.01962  0.0002075          63      640:
32% 14/44 [00:05<00:11, 2.55it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        73/99      4.47G    0.02855    0.01931  0.0002041          61      640:
34% 15/44 [00:05<00:11, 2.54it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        73/99      4.47G    0.02841    0.01923  0.000199          66      640:
36% 16/44 [00:05<00:10, 2.62it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        73/99      4.47G    0.02819    0.01896  0.0003556          62      640:
39% 17/44 [00:06<00:09, 2.78it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        73/99      4.47G    0.0281    0.01894  0.0003437          71      640:
41% 18/44 [00:06<00:08, 3.06it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        73/99      4.47G    0.02797    0.01869  0.0003322          54      640:
43% 19/44 [00:06<00:09, 2.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        73/99      4.47G    0.02769    0.01868  0.0003224          79      640:
45% 20/44 [00:07<00:08, 2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        73/99      4.47G    0.02784    0.01858  0.0003142          63      640:
48% 21/44 [00:07<00:08, 2.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

73/99      4.47G    0.02778    0.01856  0.0003465          74      640:
50% 22/44 [00:07<00:07,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
73/99      4.47G    0.02766    0.01854  0.0003507          63      640:
52% 23/44 [00:08<00:07,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
73/99      4.47G    0.02762    0.01867  0.0003522          72      640:
55% 24/44 [00:08<00:06,  2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
73/99      4.47G    0.02782    0.01873  0.0003461          73      640:
57% 25/44 [00:08<00:06,  3.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
73/99      4.47G    0.02782    0.01891  0.0003732          90      640:
59% 26/44 [00:09<00:06,  2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
73/99      4.47G    0.02784    0.01881  0.0003774          61      640:
61% 27/44 [00:09<00:05,  3.21it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
73/99      4.47G    0.0277    0.01878  0.0003754          64      640:
64% 28/44 [00:10<00:06,  2.48it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
73/99      4.47G    0.02768    0.01878  0.0003665          80      640:
66% 29/44 [00:10<00:05,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
73/99      4.47G    0.02768    0.01886  0.0003597          63      640:
68% 30/44 [00:10<00:04,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
73/99      4.47G    0.02771    0.0188    0.000354          52      640:
70% 31/44 [00:10<00:04,  3.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
73/99      4.47G    0.02769    0.01888  0.0003467          85      640:
73% 32/44 [00:11<00:04,  2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02779    0.01893    0.0003393          78          640:
75% 33/44 [00:11<00:03,  3.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02779    0.01893    0.0003335          70          640:
77% 34/44 [00:12<00:03,  2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.0278    0.01913    0.0003286          84          640:
80% 35/44 [00:12<00:02,  3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02781    0.01934    0.0003234         103          640:
82% 36/44 [00:12<00:03,  2.51it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02783    0.0192    0.0003184          54          640:
84% 37/44 [00:13<00:02,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.028    0.01946    0.0003139         100          640:
86% 38/44 [00:13<00:02,  2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02793    0.01942    0.0003088          67          640:
89% 39/44 [00:13<00:01,  3.21it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02794    0.01945    0.0003043          70          640:
91% 40/44 [00:14<00:01,  2.57it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02801    0.0194    0.0003022          56          640:
93% 41/44 [00:14<00:01,  2.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.028    0.01931    0.0003262          50          640:
95% 42/44 [00:15<00:00,  2.46it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02798    0.01933    0.0003216          85          640:
98% 43/44 [00:15<00:00,  2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    73/99      4.47G    0.02794    0.01926    0.0003187          46          640:
100% 44/44 [00:15<00:00,  2.77it/s]
      Class      Images  Instances          P          R      mAP50
mAP50-95: 100% 7/7 [00:03<00:00,  2.18it/s]
          all         200         534         0.78         0.657         0.714
0.413

    Epoch    GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
  0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.c
uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cud
a', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      74/99      4.47G    0.02695    0.01612    0.0001514          63          640:
  2% 1/44 [00:00<00:08,  4.99it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      74/99      4.47G    0.02815    0.01959    0.0001794          88          640:
  5% 2/44 [00:00<00:10,  3.99it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      74/99      4.47G    0.02741    0.01721    0.0001643          50          640:
  7% 3/44 [00:00<00:10,  3.93it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      74/99      4.47G    0.0269    0.01734    0.0001795          82          640:
  9% 4/44 [00:01<00:11,  3.51it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      74/99      4.47G    0.02697    0.0196    0.0001677          109          640:
 11% 5/44 [00:01<00:10,  3.65it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      74/99      4.47G    0.02748    0.01959    0.0002075          61          640:
 14% 6/44 [00:01<00:10,  3.79it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      74/99      4.47G    0.02764    0.02075    0.0001981          108          640:
 16% 7/44 [00:01<00:09,  3.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      74/99      4.47G    0.02769    0.02042    0.0001964          64          640:
 18% 8/44 [00:02<00:09,  3.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

74/99      4.47G    0.02737    0.02047  0.0001902          83      640:
20% 9/44 [00:02<00:09,  3.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
74/99      4.47G    0.02711    0.02046  0.0001801          86      640:
23% 10/44 [00:02<00:08,  3.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
74/99      4.47G    0.02728    0.02022  0.0001843          80      640:
25% 11/44 [00:03<00:11,  2.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
74/99      4.47G    0.02714    0.0198  0.0002114          60      640:
27% 12/44 [00:03<00:10,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
74/99      4.47G    0.02721    0.02011  0.0002273          96      640:
30% 13/44 [00:03<00:11,  2.68it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
74/99      4.47G    0.02738    0.0197  0.0002206          57      640:
32% 14/44 [00:04<00:10,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
74/99      4.47G    0.02723    0.01977  0.0002169          80      640:
34% 15/44 [00:04<00:10,  2.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
74/99      4.47G    0.02751    0.01961  0.0002353          65      640:
36% 16/44 [00:04<00:09,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
74/99      4.47G    0.02768    0.01945  0.0002285          64      640:
39% 17/44 [00:05<00:09,  2.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
74/99      4.47G    0.02763    0.01936  0.0002233          63      640:
41% 18/44 [00:05<00:08,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
74/99      4.47G    0.02763    0.0193  0.0002604          62      640:
43% 19/44 [00:06<00:09,  2.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    74/99      4.47G    0.02753    0.01926    0.000252          74          640:
45% 20/44 [00:06<00:08,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    74/99      4.47G    0.02756    0.01952    0.0002481          92          640:
48% 21/44 [00:06<00:08,  2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    74/99      4.47G    0.02752    0.01978    0.0002425          91          640:
50% 22/44 [00:06<00:07,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    74/99      4.47G    0.0276    0.0197    0.000238          61          640:
52% 23/44 [00:07<00:07,  2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    74/99      4.47G    0.02761    0.01957    0.0002351          57          640:
55% 24/44 [00:07<00:07,  2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    74/99      4.47G    0.02752    0.0196    0.0002302          91          640:
57% 25/44 [00:08<00:06,  2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    74/99      4.47G    0.02776    0.01966    0.000232          63          640:
59% 26/44 [00:08<00:05,  3.05it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    74/99      4.47G    0.02769    0.0195    0.0002279          63          640:
61% 27/44 [00:09<00:07,  2.37it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    74/99      4.47G    0.02766    0.01957    0.0002259          89          640:
64% 28/44 [00:09<00:06,  2.52it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    74/99      4.47G    0.02754    0.01947    0.0002232          60          640:
66% 29/44 [00:10<00:07,  1.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    74/99      4.47G    0.02764    0.01938    0.0002496          59          640:
68% 30/44 [00:10<00:06,  2.29it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    74/99      4.47G      0.0276      0.01944  0.0002456          71          640:
70% 31/44 [00:11<00:07,  1.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    74/99      4.47G      0.02771      0.01962  0.0002452          93          640:
73% 32/44 [00:11<00:05,  2.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    74/99      4.47G      0.02774      0.01956  0.0002636          67          640:
75% 33/44 [00:12<00:05,  1.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    74/99      4.47G      0.02782      0.01954  0.0002619          65          640:
77% 34/44 [00:12<00:04,  2.32it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    74/99      4.47G      0.02781      0.01949  0.0002582          67          640:
80% 35/44 [00:12<00:03,  2.27it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    74/99      4.47G      0.02787      0.01964  0.0002632          85          640:
82% 36/44 [00:13<00:03,  2.49it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    74/99      4.47G      0.02784      0.01961  0.0002609          77          640:
84% 37/44 [00:13<00:02,  2.58it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    74/99      4.47G      0.02781      0.01956  0.0002583          68          640:
86% 38/44 [00:13<00:02,  2.75it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    74/99      4.47G      0.0278      0.01951  0.0003351          54          640:
89% 39/44 [00:14<00:01,  2.75it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    74/99      4.47G      0.02776      0.0195      0.0003312          74          640:
91% 40/44 [00:14<00:01,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    74/99      4.47G      0.0277      0.01934  0.0003256          58          640:
93% 41/44 [00:14<00:01,  2.72it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    74/99      4.47G    0.02775    0.01927    0.0003388          63          640:
95% 42/44 [00:15<00:00,  3.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    74/99      4.47G    0.02781    0.01927    0.000335          71          640:
98% 43/44 [00:15<00:00,  3.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    74/99      4.47G    0.02784    0.01935    0.0003303          52          640:
100% 44/44 [00:15<00:00,  2.82it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.70it/s]
      all        200        534      0.795      0.63      0.722
0.403

```

```

      Epoch      GPU_mem    box_loss    obj_loss    cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    75/99      4.47G    0.02677    0.02073    0.0003755          73          640:
2% 1/44 [00:00<00:08,  4.99it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    75/99      4.47G    0.02645    0.02002    0.0002378          75          640:
5% 2/44 [00:00<00:09,  4.47it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    75/99      4.47G    0.02602    0.01929    0.0002204          72          640:
7% 3/44 [00:00<00:09,  4.28it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    75/99      4.47G    0.02682    0.01989    0.0001904          74          640:
9% 4/44 [00:01<00:10,  3.66it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    75/99      4.47G    0.02663    0.02005    0.0001811          66          640:
11% 5/44 [00:01<00:10,  3.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    75/99      4.47G    0.02636    0.01911    0.0002398          59          640:
14% 6/44 [00:01<00:09,  3.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```



```

with torch.cuda.amp.autocast(amp):
    75/99      4.47G    0.02646    0.02014    0.0002248          110          640:
16% 7/44 [00:01<00:09,  3.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    75/99      4.47G    0.02702    0.02018    0.0002533          71          640:
18% 8/44 [00:02<00:09,  3.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    75/99      4.47G    0.02686    0.02034    0.0002383          89          640:
20% 9/44 [00:02<00:08,  4.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    75/99      4.47G    0.0267    0.02012    0.0002303          81          640:
23% 10/44 [00:02<00:11,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    75/99      4.47G    0.02673    0.02022    0.0002993          82          640:
25% 11/44 [00:03<00:10,  3.27it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    75/99      4.47G    0.02686    0.0196    0.0003273          44          640:
27% 12/44 [00:03<00:13,  2.42it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    75/99      4.47G    0.02703    0.01951    0.0003227          61          640:
30% 13/44 [00:03<00:11,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    75/99      4.47G    0.02681    0.01936    0.0003072          69          640:
32% 14/44 [00:04<00:14,  2.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    75/99      4.47G    0.02669    0.01934    0.0002946          60          640:
34% 15/44 [00:04<00:11,  2.47it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    75/99      4.47G    0.02656    0.01962    0.0002888          83          640:
36% 16/44 [00:05<00:14,  1.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    75/99      4.47G    0.0267    0.01962    0.0003737          76          640:
39% 17/44 [00:05<00:11,  2.33it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    75/99      4.47G      0.0268      0.01945  0.0003601          72          640:
41% 18/44 [00:06<00:12,  2.05it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    75/99      4.47G      0.02672      0.01962  0.0003979          82          640:
43% 19/44 [00:06<00:10,  2.40it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    75/99      4.47G      0.0268      0.01945  0.0004815          63          640:
45% 20/44 [00:07<00:11,  2.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    75/99      4.47G      0.027      0.01927  0.0004682          56          640:
48% 21/44 [00:07<00:09,  2.53it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    75/99      4.47G      0.02707      0.01907  0.0004537          56          640:
50% 22/44 [00:07<00:08,  2.57it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    75/99      4.47G      0.02697      0.01911  0.0004542          77          640:
52% 23/44 [00:08<00:07,  2.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    75/99      4.47G      0.02689      0.01909  0.0004404          79          640:
55% 24/44 [00:08<00:07,  2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    75/99      4.47G      0.02687      0.01915  0.0004284          75          640:
57% 25/44 [00:08<00:06,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    75/99      4.47G      0.02707      0.01942  0.0004176          92          640:
59% 26/44 [00:09<00:06,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    75/99      4.47G      0.02707      0.01944  0.0004075          73          640:
61% 27/44 [00:09<00:06,  2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    75/99      4.47G      0.02696      0.0193  0.0004204          54          640:
64% 28/44 [00:10<00:05,  2.72it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        75/99      4.47G      0.02699      0.01947      0.0004107      86      640:
66% 29/44 [00:10<00:04,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        75/99      4.47G      0.027      0.01947      0.0004025      82      640:
68% 30/44 [00:10<00:05,  2.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        75/99      4.47G      0.02701      0.01953      0.0004173      69      640:
70% 31/44 [00:11<00:04,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        75/99      4.47G      0.02697      0.01951      0.0004097      62      640:
73% 32/44 [00:11<00:04,  2.65it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        75/99      4.47G      0.02692      0.01942      0.0004028      60      640:
75% 33/44 [00:11<00:03,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        75/99      4.47G      0.02683      0.01941      0.000396      75      640:
77% 34/44 [00:12<00:03,  2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        75/99      4.47G      0.02687      0.01934      0.0003883      58      640:
80% 35/44 [00:12<00:02,  3.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        75/99      4.47G      0.02681      0.01932      0.0003821      86      640:
82% 36/44 [00:12<00:02,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        75/99      4.47G      0.02688      0.01939      0.0003757      72      640:
84% 37/44 [00:13<00:02,  3.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        75/99      4.47G      0.02682      0.01931      0.0003791      62      640:
86% 38/44 [00:13<00:02,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        75/99      4.47G      0.02682      0.01936      0.0003763      75      640:

```

```

89% 39/44 [00:13<00:01, 2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      75/99      4.47G      0.02687      0.01939      0.0003698      86      640:
91% 40/44 [00:14<00:01, 2.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      75/99      4.47G      0.027      0.01934      0.0003656      73      640:
93% 41/44 [00:14<00:00, 3.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      75/99      4.47G      0.02709      0.01928      0.0003768      84      640:
95% 42/44 [00:14<00:00, 2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      75/99      4.47G      0.02718      0.01931      0.0003869      79      640:
98% 43/44 [00:15<00:00, 3.22it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      75/99      4.47G      0.02716      0.01933      0.0003813      56      640:
100% 44/44 [00:15<00:00, 2.85it/s]
      Class      Images      Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:03<00:00, 2.30it/s]
      all      200      534      0.772      0.623      0.694
0.388

```

```

      Epoch      GPU_mem      box_loss      obj_loss      cls_loss      Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      76/99      4.47G      0.02841      0.02544      0.0001259      85      640:
2% 1/44 [00:00<00:10, 4.15it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      76/99      4.47G      0.02747      0.01952      0.0003878      47      640:
5% 2/44 [00:00<00:11, 3.73it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      76/99      4.47G      0.02669      0.01893      0.000299      64      640:
7% 3/44 [00:00<00:10, 3.73it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      76/99      4.47G      0.02704      0.01964      0.0002606      72      640:
9% 4/44 [00:01<00:11, 3.34it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      76/99      4.47G      0.02704      0.01964      0.0002606      72      640:

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    76/99      4.47G    0.02652    0.01911  0.0002492          64          640:
11% 5/44 [00:01<00:11,  3.43it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    76/99      4.47G    0.02633    0.01932  0.0002427          69          640:
14% 6/44 [00:01<00:10,  3.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    76/99      4.47G    0.02649    0.01951  0.000228          70          640:
16% 7/44 [00:01<00:09,  3.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    76/99      4.47G    0.02651    0.01953  0.0002163          61          640:
18% 8/44 [00:02<00:09,  3.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    76/99      4.47G    0.02699    0.01959  0.0002078          61          640:
20% 9/44 [00:02<00:11,  3.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    76/99      4.47G    0.02708    0.01912  0.0002117          55          640:
23% 10/44 [00:02<00:10,  3.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    76/99      4.47G    0.0273    0.01906  0.0002113          71          640:
25% 11/44 [00:03<00:12,  2.58it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    76/99      4.47G    0.02717    0.01909  0.0002274          73          640:
27% 12/44 [00:03<00:11,  2.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    76/99      4.47G    0.02705    0.01902  0.0003394          67          640:
30% 13/44 [00:04<00:10,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    76/99      4.47G    0.02712    0.01859  0.0003285          45          640:
32% 14/44 [00:04<00:09,  3.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    76/99      4.47G    0.02701    0.01852  0.0003184          65          640:
34% 15/44 [00:04<00:10,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G      0.0271      0.0187      0.0003083          74          640:
36% 16/44 [00:05<00:09,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G      0.02699      0.01929      0.0003006          113          640:
39% 17/44 [00:05<00:10,  2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G      0.02706      0.01936      0.0003231          79          640:
41% 18/44 [00:05<00:08,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G      0.02712      0.01923      0.0003134          63          640:
43% 19/44 [00:06<00:08,  2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G      0.02704      0.0194      0.0004155          98          640:
45% 20/44 [00:06<00:07,  3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G      0.027      0.01938      0.0004027          73          640:
48% 21/44 [00:06<00:08,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G      0.02698      0.01931      0.0003982          64          640:
50% 22/44 [00:07<00:07,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G      0.02703      0.01926      0.0003886          57          640:
52% 23/44 [00:07<00:06,  3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G      0.02733      0.01956      0.0003786          90          640:
55% 24/44 [00:07<00:07,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G      0.02743      0.01977      0.0003808          86          640:
57% 25/44 [00:08<00:05,  3.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G      0.02758      0.01968      0.0003719          69          640:

```

```

59% 26/44 [00:08<00:05, 3.21it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G    0.02761    0.01957    0.000363          65          640:
61% 27/44 [00:08<00:05, 3.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G    0.02756    0.01951    0.0003553          78          640:
64% 28/44 [00:09<00:05, 2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G    0.02763    0.01951    0.0003483          70          640:
66% 29/44 [00:09<00:05, 3.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G    0.02771    0.01955    0.0003493          67          640:
68% 30/44 [00:09<00:04, 3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G    0.02781    0.01961    0.0003426          83          640:
70% 31/44 [00:10<00:04, 3.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G    0.0278      0.01974    0.0003354          90          640:
73% 32/44 [00:10<00:04, 2.68it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G    0.02783    0.01973    0.0003337          71          640:
75% 33/44 [00:10<00:03, 2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G    0.02791    0.01957    0.0003948          55          640:
77% 34/44 [00:11<00:04, 2.40it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G    0.02781    0.01941    0.0003878          64          640:
80% 35/44 [00:11<00:03, 2.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        76/99      4.47G    0.02776    0.01937    0.00038          68          640:
82% 36/44 [00:12<00:03, 2.05it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

76/99      4.47G    0.02773    0.01947  0.0003764          81      640:
84% 37/44 [00:12<00:02,  2.37it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
76/99      4.47G    0.02776    0.01937  0.0003694          50      640:
86% 38/44 [00:13<00:02,  2.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
76/99      4.47G    0.02768    0.01941  0.0003627          73      640:
89% 39/44 [00:13<00:02,  2.34it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
76/99      4.47G    0.02764    0.01946  0.0003634          81      640:
91% 40/44 [00:14<00:01,  2.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
76/99      4.47G    0.0276    0.01955  0.0003589          95      640:
93% 41/44 [00:14<00:01,  2.38it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
76/99      4.47G    0.0276    0.01956  0.0003537          77      640:
95% 42/44 [00:15<00:00,  2.29it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
76/99      4.47G    0.02753    0.01975  0.0003497          114     640:
98% 43/44 [00:15<00:00,  2.72it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
76/99      4.47G    0.02765    0.01983  0.000359          59      640:
100% 44/44 [00:15<00:00,  2.82it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.63it/s]
      all      200      534      0.762      0.634      0.696
0.395

```

```

Epoch  GPU_mem  box_loss  obj_loss  cls_loss  Instances  Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
77/99      4.47G    0.02583    0.01867  0.0001394          68      640:
2% 1/44 [00:00<00:08,  5.00it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
77/99      4.47G    0.02635    0.02146  0.0003442          100     640:
5% 2/44 [00:00<00:10,  3.98it/s]/content/yolov5/train.py:414: FutureWarning: `t

```



```

orch.cuda.amp.autocast(args...) is deprecated. Please use torch.amp.autocast('cuda', args...) instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02717    0.02134  0.0002685          83          640:
7% 3/44 [00:00<00:10,  4.06it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02621    0.02055  0.0007734          77          640:
9% 4/44 [00:01<00:10,  3.70it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02682    0.02132  0.0006449          109         640:
11% 5/44 [00:01<00:10,  3.60it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02743    0.02115  0.0005719          78          640:
14% 6/44 [00:01<00:10,  3.65it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02734    0.02116  0.0005414          77          640:
16% 7/44 [00:01<00:10,  3.68it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02771    0.02136  0.0005416          71          640:
18% 8/44 [00:02<00:10,  3.53it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02744    0.02115  0.0004986          82          640:
20% 9/44 [00:02<00:09,  3.66it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02729    0.02104  0.0004613          72          640:
23% 10/44 [00:02<00:11,  3.03it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02727    0.02059  0.000516           52          640:
25% 11/44 [00:03<00:10,  3.29it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02739    0.02065  0.0004977          87          640:
27% 12/44 [00:03<00:11,  2.85it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02718    0.02036  0.0004676          61          640:

```

```

30% 13/44 [00:03<00:09, 3.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02716    0.01993    0.0004427          64          640:
32% 14/44 [00:04<00:09, 3.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02717    0.01982    0.0004209          67          640:
34% 15/44 [00:04<00:08, 3.41it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02733    0.01994    0.0004067          83          640:
36% 16/44 [00:04<00:09, 2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02759    0.02017    0.0004208          74          640:
39% 17/44 [00:05<00:08, 3.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02774    0.01974    0.0004036          46          640:
41% 18/44 [00:05<00:09, 2.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02747    0.01958    0.0003897          68          640:
43% 19/44 [00:05<00:08, 2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02742    0.01946    0.0004032          68          640:
45% 20/44 [00:06<00:09, 2.42it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02745    0.01935    0.0003902          70          640:
48% 21/44 [00:06<00:08, 2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.0274    0.01927    0.00038          60          640:
50% 22/44 [00:07<00:10, 2.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        77/99      4.47G    0.02731    0.0196    0.0003702          101          640:
52% 23/44 [00:07<00:08, 2.38it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

77/99      4.47G    0.02735    0.01999  0.0003677          96      640:
55% 24/44 [00:08<00:10,  1.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
77/99      4.47G    0.02722    0.02007  0.0003752          86      640:
57% 25/44 [00:08<00:08,  2.19it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
77/99      4.47G    0.0273    0.01998  0.0003736          50      640:
59% 26/44 [00:09<00:08,  2.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
77/99      4.47G    0.02736    0.01975  0.0003651          41      640:
61% 27/44 [00:09<00:07,  2.37it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
77/99      4.47G    0.02759    0.01973  0.0003565          72      640:
64% 28/44 [00:10<00:07,  2.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
77/99      4.47G    0.02758    0.01971  0.0003705          67      640:
66% 29/44 [00:10<00:05,  2.50it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
77/99      4.47G    0.02759    0.01961  0.000362          61      640:
68% 30/44 [00:10<00:05,  2.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
77/99      4.47G    0.0277    0.01965  0.0003574          70      640:
70% 31/44 [00:10<00:04,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
77/99      4.47G    0.02771    0.01956  0.0003499          66      640:
73% 32/44 [00:11<00:04,  2.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
77/99      4.47G    0.02765    0.01954  0.0003441          65      640:
75% 33/44 [00:11<00:03,  2.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
77/99      4.47G    0.02762    0.01948  0.000341          58      640:
77% 34/44 [00:12<00:03,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    77/99      4.47G    0.02753    0.01951  0.0003353          73          640:
80% 35/44 [00:12<00:03,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    77/99      4.47G    0.02766    0.01947  0.0003427          79          640:
82% 36/44 [00:12<00:02,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    77/99      4.47G    0.02758    0.01947  0.0003475          69          640:
84% 37/44 [00:13<00:02,  3.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    77/99      4.47G    0.02763    0.01967  0.0003413          99          640:
86% 38/44 [00:13<00:02,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    77/99      4.47G    0.02771    0.01975  0.0003359          90          640:
89% 39/44 [00:13<00:01,  3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    77/99      4.47G    0.02765    0.01965  0.0003309          58          640:
91% 40/44 [00:14<00:01,  2.68it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    77/99      4.47G    0.02764    0.01967  0.0003553          78          640:
93% 41/44 [00:14<00:01,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    77/99      4.47G    0.02756    0.0196  0.0003518          60          640:
95% 42/44 [00:14<00:00,  3.32it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    77/99      4.47G    0.02752    0.01959  0.0003465          69          640:
98% 43/44 [00:14<00:00,  3.50it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    77/99      4.47G    0.02747    0.01954  0.0003427          46          640:
100% 44/44 [00:15<00:00,  2.86it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.70it/s]
      all      200      534      0.736      0.653      0.707
0.397

```

Epoch	GPU_mem	box_loss	obj_loss	cls_loss	Instances	Size
-------	---------	----------	----------	----------	-----------	------

```

0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        78/99      4.47G      0.0255      0.02547  0.0001247          90          640:
2% 1/44 [00:00<00:08, 4.95it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        78/99      4.47G      0.02665      0.02268  0.0001698          75          640:
5% 2/44 [00:00<00:10, 4.10it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        78/99      4.47G      0.02683      0.02189  0.0001538          67          640:
7% 3/44 [00:00<00:09, 4.21it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        78/99      4.47G      0.0271      0.02139  0.0001552          71          640:
9% 4/44 [00:01<00:10, 3.83it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        78/99      4.47G      0.027      0.02156  0.0001523          79          640:
11% 5/44 [00:01<00:09, 3.92it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        78/99      4.47G      0.02691      0.02167  0.0002889          72          640:
14% 6/44 [00:01<00:11, 3.43it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        78/99      4.47G      0.02667      0.02143  0.0003196          65          640:
16% 7/44 [00:01<00:10, 3.40it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        78/99      4.47G      0.02679      0.02069  0.0003021          65          640:
18% 8/44 [00:02<00:11, 3.04it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        78/99      4.47G      0.02636      0.02031  0.0002929          61          640:
20% 9/44 [00:02<00:13, 2.62it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        78/99      4.47G      0.02614      0.02026  0.0002738          76          640:
23% 10/44 [00:03<00:11, 2.87it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

78/99      4.47G      0.0261      0.01976  0.0002603          47      640:
25% 11/44 [00:03<00:15,  2.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
78/99      4.47G      0.02597      0.01992  0.0002467          92      640:
27% 12/44 [00:04<00:14,  2.28it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
78/99      4.47G      0.0262      0.01987  0.0002378          72      640:
30% 13/44 [00:04<00:15,  1.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
78/99      4.47G      0.02623      0.01969  0.0002288          59      640:
32% 14/44 [00:05<00:12,  2.35it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
78/99      4.47G      0.02637      0.01962  0.000223          66      640:
34% 15/44 [00:05<00:12,  2.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
78/99      4.47G      0.02635      0.0195  0.0002308          73      640:
36% 16/44 [00:05<00:11,  2.54it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
78/99      4.47G      0.0266      0.0192  0.0002238          55      640:
39% 17/44 [00:06<00:11,  2.38it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
78/99      4.47G      0.02642      0.01925  0.0002205          74      640:
41% 18/44 [00:06<00:09,  2.72it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
78/99      4.47G      0.02648      0.01937  0.0002962          83      640:
43% 19/44 [00:06<00:08,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
78/99      4.47G      0.02649      0.01924  0.000287          56      640:
45% 20/44 [00:07<00:07,  3.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
78/99      4.47G      0.02649      0.01927  0.0002859          63      640:
48% 21/44 [00:07<00:08,  2.68it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02642    0.01943  0.0002787          96      640:
50% 22/44 [00:07<00:07,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02647    0.01935  0.0002721          66      640:
52% 23/44 [00:08<00:08,  2.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02659    0.01921  0.0002654          53      640:
55% 24/44 [00:08<00:07,  2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02674    0.0194  0.0002604          93      640:
57% 25/44 [00:09<00:06,  2.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02663    0.01951  0.0002579          89      640:
59% 26/44 [00:09<00:05,  3.22it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02654    0.01941  0.0002565          70      640:
61% 27/44 [00:09<00:06,  2.58it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02652    0.01946  0.0002521          69      640:
64% 28/44 [00:10<00:05,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02647    0.01953  0.0002486          81      640:
66% 29/44 [00:10<00:05,  2.79it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02654    0.01954  0.000244          71      640:
68% 30/44 [00:10<00:04,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02661    0.01963  0.0002404          88      640:
70% 31/44 [00:11<00:04,  3.06it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02668    0.01946  0.0002487          52      640:
73% 32/44 [00:11<00:03,  3.21it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02668    0.01956    0.0002449          74          640:
75% 33/44 [00:11<00:04,  2.65it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02678    0.01959    0.000242          74          640:
77% 34/44 [00:12<00:03,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02665    0.01944    0.000238          64          640:
80% 35/44 [00:12<00:03,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.0267    0.01948    0.0002341          79          640:
82% 36/44 [00:12<00:02,  2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02665    0.01947    0.0002335          78          640:
84% 37/44 [00:13<00:02,  3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02655    0.01944    0.0002301          68          640:
86% 38/44 [00:13<00:01,  3.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.0265    0.01948    0.0002303          78          640:
89% 39/44 [00:13<00:01,  3.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02653    0.0194    0.000227          63          640:
91% 40/44 [00:14<00:01,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02647    0.01945    0.000224          88          640:
93% 41/44 [00:14<00:00,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02654    0.01944    0.0002216          78          640:
95% 42/44 [00:14<00:00,  2.79it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.0265    0.0195    0.00022          97          640:
98% 43/44 [00:15<00:00,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:

```



`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```
with torch.cuda.amp.autocast(amp):
    78/99      4.47G    0.02653    0.01952    0.0002183          60          640:
100% 44/44 [00:15<00:00,  2.82it/s]
      Class      Images  Instances      P          R      mAP50
mAP50-95: 100% 7/7 [00:03<00:00,  2.00it/s]
      all        200        534      0.739      0.651      0.71
0.398
```

Epoch GPU\_mem box\_loss obj\_loss cls\_loss Instances Size  
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```
with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.02289    0.01949    0.0001766          84          640:
2% 1/44 [00:00<00:09,  4.72it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
```

```
with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.02447    0.01923    0.0001951          78          640:
5% 2/44 [00:00<00:09,  4.22it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
```

```
with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.02477    0.02298    0.0001737          112          640:
7% 3/44 [00:00<00:10,  3.85it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
```

```
with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.02591    0.02179    0.0001807          63          640:
9% 4/44 [00:01<00:10,  3.79it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
```

```
with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.02542    0.02114    0.0001686          65          640:
11% 5/44 [00:01<00:11,  3.53it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
```

```
with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.02545    0.0209    0.0001681          81          640:
14% 6/44 [00:01<00:10,  3.67it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
```

```
with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.02595    0.02088    0.0001669          76          640:
16% 7/44 [00:01<00:10,  3.61it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
```

```
with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.02538    0.02027    0.0002189          54          640:
18% 8/44 [00:02<00:10,  3.39it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
```

```

with torch.cuda.amp.autocast(amp):
    79/99      4.47G      0.0256      0.01983  0.0002256          51          640:
20% 9/44 [00:02<00:10,  3.46it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    79/99      4.47G      0.02572      0.01982  0.0002165          76          640:
23% 10/44 [00:02<00:09,  3.51it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    79/99      4.47G      0.02572      0.01992  0.0002075          86          640:
25% 11/44 [00:03<00:11,  2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    79/99      4.47G      0.02568      0.01928  0.0001997          41          640:
27% 12/44 [00:03<00:10,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    79/99      4.47G      0.02586      0.01912  0.0001965          67          640:
30% 13/44 [00:04<00:12,  2.57it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    79/99      4.47G      0.02608      0.01932  0.0001894          77          640:
32% 14/44 [00:04<00:10,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    79/99      4.47G      0.02607      0.01924  0.0002921          71          640:
34% 15/44 [00:04<00:11,  2.49it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    79/99      4.47G      0.0266      0.01942  0.0003277          72          640:
36% 16/44 [00:05<00:10,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    79/99      4.47G      0.02674      0.0196  0.0003834          83          640:
39% 17/44 [00:05<00:11,  2.45it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    79/99      4.47G      0.02656      0.01952  0.000368          78          640:
41% 18/44 [00:05<00:09,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    79/99      4.47G      0.02634      0.01941  0.0003601          73          640:
43% 19/44 [00:06<00:09,  2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.02635    0.01966    0.0003481          84          640:
45% 20/44 [00:06<00:08,  2.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.0263    0.01987    0.0003556          91          640:
48% 21/44 [00:06<00:08,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.02652    0.01983    0.0003472          74          640:
50% 22/44 [00:07<00:07,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.02642    0.01957    0.0003371          53          640:
52% 23/44 [00:07<00:07,  2.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.02663    0.01965    0.0003284          87          640:
55% 24/44 [00:07<00:07,  2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.02671    0.01969    0.0003205          71          640:
57% 25/44 [00:08<00:06,  2.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.02677    0.0197    0.0003159          70          640:
59% 26/44 [00:08<00:05,  3.05it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.0267    0.01952    0.000309          53          640:
61% 27/44 [00:09<00:06,  2.44it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.02686    0.01952    0.0003056          64          640:
64% 28/44 [00:09<00:06,  2.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.02684    0.01939    0.0002993          59          640:
66% 29/44 [00:10<00:06,  2.36it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    79/99      4.47G    0.02673    0.01939    0.0002938          71          640:
68% 30/44 [00:10<00:05,  2.60it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        79/99      4.47G    0.02676    0.01963  0.0002874          101      640:
70% 31/44 [00:11<00:06,  1.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        79/99      4.47G    0.02659    0.01954  0.0002898          68      640:
73% 32/44 [00:11<00:05,  2.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        79/99      4.47G    0.02655    0.01949  0.0002867          71      640:
75% 33/44 [00:12<00:05,  1.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        79/99      4.47G    0.02643    0.0193  0.0003062          47      640:
77% 34/44 [00:12<00:04,  2.27it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        79/99      4.47G    0.02648    0.01916  0.0003255          48      640:
80% 35/44 [00:12<00:04,  2.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        79/99      4.47G    0.02646    0.01921  0.0003194          81      640:
82% 36/44 [00:13<00:03,  2.50it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        79/99      4.47G    0.02641    0.01926  0.0003199          72      640:
84% 37/44 [00:13<00:02,  2.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        79/99      4.47G    0.02642    0.01929  0.000315          79      640:
86% 38/44 [00:13<00:02,  2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        79/99      4.47G    0.02648    0.01946  0.0003099        100      640:
89% 39/44 [00:14<00:01,  2.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        79/99      4.47G    0.02668    0.01942  0.0003053          58      640:
91% 40/44 [00:14<00:01,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        79/99      4.47G    0.02665    0.01933  0.000301          51      640:

```

```

93% 41/44 [00:14<00:01, 2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        79/99      4.47G    0.02668    0.01931  0.0003192          74          640:
95% 42/44 [00:15<00:00, 3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        79/99      4.47G    0.02661    0.01925  0.0003149          72          640:
98% 43/44 [00:15<00:00, 3.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        79/99      4.47G    0.02666    0.01941  0.0003185          63          640:
100% 44/44 [00:15<00:00, 2.81it/s]
          Class      Images  Instances          P          R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00, 2.71it/s]
          all          200          534      0.762      0.647      0.721
0.404

```

```

    Epoch    GPU_mem    box_loss    obj_loss    cls_loss  Instances      Size
  0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.c
uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cud
a', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02759    0.01903    0.001155          76          640:
  2% 1/44 [00:00<00:08, 4.91it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02593    0.01875    0.0006323          72          640:
  5% 2/44 [00:00<00:08, 4.83it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02626    0.0191    0.0004819          67          640:
  7% 3/44 [00:00<00:09, 4.52it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02638    0.01974    0.000711          88          640:
  9% 4/44 [00:01<00:10, 3.64it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02607    0.01895    0.001061          53          640:
 11% 5/44 [00:01<00:10, 3.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02625    0.01892    0.0008999          53          640:
 14% 6/44 [00:01<00:09, 3.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      80/99      4.47G      0.02627      0.01886      0.0007911      76      640:
16% 7/44 [00:01<00:09,  3.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      80/99      4.47G      0.02587      0.01916      0.000718      91      640:
18% 8/44 [00:02<00:09,  3.68it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      80/99      4.47G      0.02603      0.01986      0.0006516      95      640:
20% 9/44 [00:02<00:10,  3.27it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      80/99      4.47G      0.02624      0.01988      0.0006474      69      640:
23% 10/44 [00:02<00:09,  3.49it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      80/99      4.47G      0.02616      0.01982      0.0006096      69      640:
25% 11/44 [00:03<00:12,  2.72it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      80/99      4.47G      0.02599      0.01984      0.0005707      73      640:
27% 12/44 [00:03<00:11,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      80/99      4.47G      0.02586      0.01952      0.0005391      55      640:
30% 13/44 [00:04<00:12,  2.48it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      80/99      4.47G      0.02599      0.01931      0.0005158      60      640:
32% 14/44 [00:04<00:10,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      80/99      4.47G      0.02605      0.01974      0.00049      96      640:
34% 15/44 [00:04<00:12,  2.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      80/99      4.47G      0.02595      0.0196      0.000467      70      640:
36% 16/44 [00:05<00:12,  2.32it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      80/99      4.47G      0.0259      0.01951      0.00047      56      640:
39% 17/44 [00:06<00:13,  1.94it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02598    0.01965  0.0004496          86          640:
41% 18/44 [00:06<00:11,  2.29it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02616    0.01965  0.0004371          66          640:
43% 19/44 [00:07<00:12,  1.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02602    0.01965  0.0004198          80          640:
45% 20/44 [00:07<00:10,  2.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02598    0.01953  0.0004075          60          640:
48% 21/44 [00:07<00:10,  2.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02598    0.01963  0.0004026          83          640:
50% 22/44 [00:08<00:08,  2.52it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02617    0.01976  0.0003944          97          640:
52% 23/44 [00:08<00:07,  2.75it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02619    0.01933  0.0003832          38          640:
55% 24/44 [00:08<00:06,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02631    0.01942  0.0003716          90          640:
57% 25/44 [00:09<00:06,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.0263    0.01951  0.0003851          83          640:
59% 26/44 [00:09<00:06,  2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02641    0.01956  0.0003753          84          640:
61% 27/44 [00:09<00:06,  2.56it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02635    0.0195  0.0003795          73          640:

```

```

64% 28/44 [00:10<00:05, 2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02635    0.01968  0.0003706          109      640:
66% 29/44 [00:10<00:05, 2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02632    0.01958  0.0003662          70      640:
68% 30/44 [00:10<00:04, 2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02636    0.01948  0.0003593          70      640:
70% 31/44 [00:11<00:04, 2.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02653    0.0195   0.000354          62      640:
73% 32/44 [00:11<00:04, 2.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02657    0.01955  0.0003472          74      640:
75% 33/44 [00:11<00:03, 3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02646    0.0195   0.0003401          75      640:
77% 34/44 [00:12<00:03, 3.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02652    0.01958  0.0003353          78      640:
80% 35/44 [00:12<00:02, 3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02655    0.01955  0.0003288          64      640:
82% 36/44 [00:12<00:02, 3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02652    0.01943  0.0003232          61      640:
84% 37/44 [00:13<00:02, 3.22it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        80/99      4.47G    0.02645    0.01933  0.000318          60      640:
86% 38/44 [00:13<00:01, 3.39it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```



```

80/99      4.47G    0.02646    0.0194  0.0003155          94      640:
89% 39/44 [00:13<00:01,  2.79it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
80/99      4.47G    0.02644    0.01939  0.0003485          70      640:
91% 40/44 [00:14<00:01,  2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
80/99      4.47G    0.02639    0.01946  0.0003505          76      640:
93% 41/44 [00:14<00:01,  2.52it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
80/99      4.47G    0.02641    0.01955  0.0003456          72      640:
95% 42/44 [00:14<00:00,  2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
80/99      4.47G    0.02651    0.01953  0.0003395          74      640:
98% 43/44 [00:15<00:00,  2.78it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
80/99      4.47G    0.02643    0.01953  0.0003403          60      640:
100% 44/44 [00:15<00:00,  2.85it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:03<00:00,  2.28it/s]
      all      200      534      0.815      0.61      0.711
0.395

```

```

Epoch    GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.c
uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cud
a', args...)` instead.
  with torch.cuda.amp.autocast(amp):
81/99      4.47G    0.02773    0.01557  8.57e-05          58      640:
2% 1/44 [00:00<00:10,  4.14it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
81/99      4.47G    0.0256    0.01682  0.0001152          69      640:
5% 2/44 [00:00<00:11,  3.77it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
81/99      4.47G    0.02589    0.01681  0.0006231          65      640:
7% 3/44 [00:00<00:11,  3.67it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
81/99      4.47G    0.02497    0.01653  0.0005423          62      640:
9% 4/44 [00:01<00:12,  3.33it/s]/content/yolov5/train.py:414: FutureWarning: `t

```

```

orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G    0.02408    0.01641  0.0004852          55          640:
11% 5/44 [00:01<00:10,  3.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G    0.02465    0.0163  0.0004243          60          640:
14% 6/44 [00:01<00:10,  3.72it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G    0.02445    0.01673  0.0003823          82          640:
16% 7/44 [00:02<00:12,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G     0.025    0.01809  0.0003584         110          640:
18% 8/44 [00:02<00:11,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G    0.02528    0.01801  0.0003325          60          640:
20% 9/44 [00:02<00:11,  2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G    0.02558    0.01851  0.0003071          87          640:
23% 10/44 [00:03<00:10,  3.21it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G    0.02543    0.01865  0.0002889          74          640:
25% 11/44 [00:03<00:12,  2.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G     0.0255    0.01869  0.0002738          80          640:
27% 12/44 [00:03<00:11,  2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G    0.02553    0.01882  0.0004543          89          640:
30% 13/44 [00:04<00:10,  2.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G    0.02592    0.01855  0.0004289          77          640:
32% 14/44 [00:04<00:09,  3.22it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G     0.0259    0.01856  0.0004218          61          640:

```

```

34% 15/44 [00:04<00:10, 2.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G    0.02584    0.01846  0.0004021          62          640:
36% 16/44 [00:05<00:09, 2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G    0.0259    0.01866  0.0004447          83          640:
39% 17/44 [00:05<00:10, 2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G    0.02592    0.01875  0.000426          86          640:
41% 18/44 [00:05<00:08, 2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G    0.02579    0.01849  0.0004103          51          640:
43% 19/44 [00:06<00:07, 3.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G    0.02595    0.01865  0.0003953          85          640:
45% 20/44 [00:06<00:07, 3.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G    0.02597    0.01852  0.0003854          76          640:
48% 21/44 [00:06<00:07, 2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G    0.02594    0.01859  0.0003743          90          640:
50% 22/44 [00:07<00:06, 3.21it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G    0.02602    0.01846  0.0003686          61          640:
52% 23/44 [00:07<00:07, 2.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G    0.02601    0.01874  0.0003574          104         640:
55% 24/44 [00:07<00:07, 2.78it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        81/99      4.47G    0.02603    0.01874  0.0003476          74          640:
57% 25/44 [00:08<00:06, 2.78it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

81/99      4.47G    0.02608    0.01896    0.000338          104          640:
59% 26/44 [00:08<00:05, 3.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
81/99      4.47G    0.02608    0.01892    0.0003324          65          640:
61% 27/44 [00:09<00:06, 2.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
81/99      4.47G    0.0263     0.01898    0.0003254          81          640:
64% 28/44 [00:09<00:05, 2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
81/99      4.47G    0.0263     0.01902    0.0003181          85          640:
66% 29/44 [00:09<00:05, 2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
81/99      4.47G    0.0263     0.01907    0.0003106          90          640:
68% 30/44 [00:09<00:04, 3.19it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
81/99      4.47G    0.02633    0.01905    0.0003064          62          640:
70% 31/44 [00:10<00:04, 2.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
81/99      4.47G    0.02637    0.01917    0.0003181          84          640:
73% 32/44 [00:10<00:04, 2.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
81/99      4.47G    0.02635    0.01938    0.0003113          101          640:
75% 33/44 [00:11<00:03, 2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
81/99      4.47G    0.02636    0.0194     0.0003076          68          640:
77% 34/44 [00:11<00:03, 3.05it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
81/99      4.47G    0.0264     0.01923    0.0003026          37          640:
80% 35/44 [00:12<00:04, 2.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
81/99      4.47G    0.02634    0.01909    0.0003141          53          640:
82% 36/44 [00:12<00:03, 2.37it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    81/99      4.47G    0.02625    0.01898  0.0003081          57          640:
84% 37/44 [00:12<00:02,  2.37it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    81/99      4.47G    0.02632    0.01909  0.0003038          81          640:
86% 38/44 [00:13<00:02,  2.57it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    81/99      4.47G    0.02625    0.01918  0.0002997          87          640:
89% 39/44 [00:13<00:02,  2.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    81/99      4.47G    0.02628    0.01913  0.0002998          65          640:
91% 40/44 [00:14<00:01,  2.43it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    81/99      4.47G    0.02624    0.0191  0.0003009          70          640:
93% 41/44 [00:14<00:01,  2.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    81/99      4.47G    0.02623    0.01927  0.0002966          90          640:
95% 42/44 [00:15<00:00,  2.34it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    81/99      4.47G    0.02615    0.01921  0.0002917          69          640:
98% 43/44 [00:15<00:00,  2.51it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    81/99      4.47G    0.0262  0.01915  0.0002878          45          640:
100% 44/44 [00:15<00:00,  2.81it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.53it/s]
      all      200      534      0.748      0.662      0.719
0.395

```

```

Epoch    GPU_mem    box_loss    obj_loss    cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    82/99      4.47G    0.0292    0.01501  0.0002676          53          640:
2% 1/44 [00:00<00:08,  4.91it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    82/99      4.47G    0.02686    0.01703  0.0002092          76          640:

```

```

5% 2/44 [00:00<00:09, 4.57it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        82/99      4.47G      0.0254      0.0179  0.0001806          85          640:
7% 3/44 [00:00<00:09, 4.16it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        82/99      4.47G      0.0268      0.01919  0.0001699          76          640:
9% 4/44 [00:01<00:11, 3.60it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        82/99      4.47G      0.02682      0.02025  0.0001607          92          640:
11% 5/44 [00:01<00:10, 3.76it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        82/99      4.47G      0.02703      0.01985  0.0001558          72          640:
14% 6/44 [00:01<00:09, 3.80it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        82/99      4.47G      0.02772      0.01999  0.0001504          74          640:
16% 7/44 [00:01<00:10, 3.47it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        82/99      4.47G      0.02695      0.02004  0.000146          93          640:
18% 8/44 [00:02<00:10, 3.43it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        82/99      4.47G      0.02663      0.01921  0.0001416          61          640:
20% 9/44 [00:02<00:11, 2.92it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        82/99      4.47G      0.02642      0.01876  0.0001443          54          640:
23% 10/44 [00:02<00:10, 3.21it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        82/99      4.47G      0.02623      0.01854  0.0001495          72          640:
25% 11/44 [00:03<00:11, 2.99it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        82/99      4.47G      0.02588      0.01838  0.0001467          70          640:
27% 12/44 [00:03<00:11, 2.81it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

82/99      4.47G    0.02611    0.01845  0.0001418          81      640:
30% 13/44 [00:03<00:10,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
82/99      4.47G    0.02596    0.01824  0.0001388          57      640:
32% 14/44 [00:04<00:09,  3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
82/99      4.47G    0.0264     0.0185  0.0001426          73      640:
34% 15/44 [00:04<00:08,  3.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
82/99      4.47G    0.02627    0.01849  0.0001396          80      640:
36% 16/44 [00:05<00:10,  2.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
82/99      4.47G    0.02612    0.01843  0.0001373          65      640:
39% 17/44 [00:05<00:09,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
82/99      4.47G    0.02627    0.01856  0.0001774          77      640:
41% 18/44 [00:05<00:08,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
82/99      4.47G    0.0262     0.01891  0.0001757          96      640:
43% 19/44 [00:05<00:08,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
82/99      4.47G    0.02622    0.01899  0.0001736          80      640:
45% 20/44 [00:06<00:10,  2.33it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
82/99      4.47G    0.02618    0.01898  0.0001705          64      640:
48% 21/44 [00:06<00:08,  2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
82/99      4.47G    0.02609    0.01864  0.0002352          47      640:
50% 22/44 [00:07<00:10,  2.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
82/99      4.47G    0.02585    0.01851  0.0003483          68      640:
52% 23/44 [00:07<00:08,  2.35it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    82/99      4.47G    0.02586    0.01872  0.0003418          96          640:
55% 24/44 [00:08<00:10,  1.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    82/99      4.47G    0.02588    0.01885  0.0003325          81          640:
57% 25/44 [00:08<00:08,  2.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    82/99      4.47G    0.02595    0.01882  0.0003334          67          640:
59% 26/44 [00:09<00:08,  2.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    82/99      4.47G    0.02599    0.01874  0.000352          61          640:
61% 27/44 [00:09<00:06,  2.43it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    82/99      4.47G    0.02611    0.01903  0.0003499          94          640:
64% 28/44 [00:10<00:07,  2.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    82/99      4.47G    0.02624    0.0193  0.0003415          95          640:
66% 29/44 [00:10<00:06,  2.39it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    82/99      4.47G    0.02629    0.01928  0.0003332          84          640:
68% 30/44 [00:10<00:05,  2.53it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    82/99      4.47G    0.02619    0.01909  0.0003314          48          640:
70% 31/44 [00:11<00:04,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    82/99      4.47G    0.02614    0.01924  0.0003285          84          640:
73% 32/44 [00:11<00:04,  2.52it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    82/99      4.47G    0.02611    0.0192  0.0003217          74          640:
75% 33/44 [00:11<00:03,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    82/99      4.47G    0.02621    0.01925  0.0003154          86          640:
77% 34/44 [00:12<00:03,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```



```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      82/99      4.47G      0.02625      0.01942      0.0003099      111      640:
80% 35/44 [00:12<00:02,  3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      82/99      4.47G      0.02628      0.0196      0.000305      113      640:
82% 36/44 [00:13<00:03,  2.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      82/99      4.47G      0.02628      0.01941      0.0003004      51      640:
84% 37/44 [00:13<00:02,  3.05it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      82/99      4.47G      0.02622      0.01935      0.0002955      68      640:
86% 38/44 [00:13<00:02,  2.79it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      82/99      4.47G      0.02619      0.01929      0.0003053      68      640:
89% 39/44 [00:13<00:01,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      82/99      4.47G      0.02619      0.01931      0.0003002      82      640:
91% 40/44 [00:14<00:01,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      82/99      4.47G      0.02626      0.01928      0.0002989      67      640:
93% 41/44 [00:14<00:00,  3.31it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      82/99      4.47G      0.02627      0.01927      0.0002944      75      640:
95% 42/44 [00:14<00:00,  3.27it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      82/99      4.47G      0.02632      0.01925      0.0002901      61      640:
98% 43/44 [00:15<00:00,  3.50it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      82/99      4.47G      0.02633      0.01931      0.0002858      75      640:
100% 44/44 [00:15<00:00,  2.83it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.59it/s]
      all      200      534      0.778      0.661      0.729
0.408

```

```

Epoch   GPU_mem  box_loss  obj_loss  cls_loss  Instances    Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
      with torch.cuda.amp.autocast(amp):
          83/99      4.47G    0.02593    0.01909    0.0001135         74        640:
2% 1/44 [00:00<00:09, 4.46it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
      with torch.cuda.amp.autocast(amp):
          83/99      4.47G    0.02714    0.01996    0.0001554         82        640:
5% 2/44 [00:00<00:10, 3.84it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
      with torch.cuda.amp.autocast(amp):
          83/99      4.47G    0.0257    0.01932    0.0001332         84        640:
7% 3/44 [00:00<00:10, 3.85it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
      with torch.cuda.amp.autocast(amp):
          83/99      4.47G    0.02667    0.01948    0.0001497         73        640:
9% 4/44 [00:01<00:11, 3.41it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
      with torch.cuda.amp.autocast(amp):
          83/99      4.47G    0.02697    0.02024    0.0001445         96        640:
11% 5/44 [00:01<00:11, 3.35it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
      with torch.cuda.amp.autocast(amp):
          83/99      4.47G    0.02701    0.02007    0.000146         69        640:
14% 6/44 [00:01<00:11, 3.40it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
      with torch.cuda.amp.autocast(amp):
          83/99      4.47G    0.02645    0.01955    0.000169         62        640:
16% 7/44 [00:02<00:10, 3.39it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
      with torch.cuda.amp.autocast(amp):
          83/99      4.47G    0.02657    0.0197    0.0001636         87        640:
18% 8/44 [00:02<00:14, 2.52it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
      with torch.cuda.amp.autocast(amp):
          83/99      4.47G    0.02664    0.01907    0.0001696         56        640:
20% 9/44 [00:02<00:12, 2.76it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
      with torch.cuda.amp.autocast(amp):
          83/99      4.47G    0.02651    0.01938    0.0001631         90        640:
23% 10/44 [00:03<00:15, 2.22it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    83/99      4.47G    0.02633    0.0193  0.0001597          75          640:
25% 11/44 [00:03<00:12,  2.56it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    83/99      4.47G    0.02614    0.01896  0.0002123          52          640:
27% 12/44 [00:04<00:16,  1.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    83/99      4.47G    0.02585    0.01895  0.0002041          74          640:
30% 13/44 [00:04<00:13,  2.36it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    83/99      4.47G    0.02576    0.01858  0.0002104          55          640:
32% 14/44 [00:05<00:13,  2.22it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    83/99      4.47G    0.02546    0.01898  0.0002261         102          640:
34% 15/44 [00:05<00:11,  2.57it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    83/99      4.47G    0.02561    0.01926    0.00022          94          640:
36% 16/44 [00:05<00:11,  2.50it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    83/99      4.47G    0.02567    0.01902  0.0002249          54          640:
39% 17/44 [00:06<00:09,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    83/99      4.47G    0.02563    0.01893  0.0002186          71          640:
41% 18/44 [00:06<00:10,  2.59it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    83/99      4.47G    0.02589    0.01885    0.00023          53          640:
43% 19/44 [00:06<00:08,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    83/99      4.47G    0.02577    0.01884  0.0002237          80          640:
45% 20/44 [00:07<00:09,  2.55it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    83/99      4.47G    0.02575    0.01871  0.0002178          69          640:
48% 21/44 [00:07<00:07,  2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      83/99      4.47G      0.02587      0.01902      0.0002141      98      640:
50% 22/44 [00:08<00:08,  2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      83/99      4.47G      0.0259      0.01922      0.0002109      89      640:
52% 23/44 [00:08<00:07,  2.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      83/99      4.47G      0.02586      0.01936      0.0002169      87      640:
55% 24/44 [00:08<00:07,  2.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      83/99      4.47G      0.02584      0.01934      0.0002132      74      640:
57% 25/44 [00:09<00:06,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      83/99      4.47G      0.02585      0.0195      0.0002086      85      640:
59% 26/44 [00:09<00:06,  2.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      83/99      4.47G      0.02585      0.01944      0.0002047      68      640:
61% 27/44 [00:09<00:05,  2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      83/99      4.47G      0.02582      0.01941      0.0002043      66      640:
64% 28/44 [00:10<00:06,  2.52it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      83/99      4.47G      0.02579      0.01943      0.0002008      82      640:
66% 29/44 [00:10<00:05,  2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      83/99      4.47G      0.0258      0.01939      0.0002181      70      640:
68% 30/44 [00:10<00:04,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      83/99      4.47G      0.0259      0.01937      0.0002168      63      640:
70% 31/44 [00:11<00:04,  3.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      83/99      4.47G      0.02606      0.01936      0.0002153      76      640:
73% 32/44 [00:11<00:03,  3.02it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        83/99      4.47G    0.02615    0.01936  0.0002189          63          640:
75% 33/44 [00:11<00:03,  3.32it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        83/99      4.47G    0.02616    0.01929  0.0002304          70          640:
77% 34/44 [00:12<00:03,  3.05it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        83/99      4.47G    0.02617    0.01924  0.0002304          79          640:
80% 35/44 [00:12<00:02,  3.19it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        83/99      4.47G    0.02624    0.01917  0.0002274          72          640:
82% 36/44 [00:12<00:02,  3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        83/99      4.47G    0.02628    0.01922  0.000226          74          640:
84% 37/44 [00:13<00:02,  3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        83/99      4.47G    0.02638    0.01902  0.0002762          35          640:
86% 38/44 [00:13<00:02,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        83/99      4.47G    0.02632    0.01905  0.0002738          74          640:
89% 39/44 [00:13<00:01,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        83/99      4.47G    0.02635    0.01916  0.0002696          84          640:
91% 40/44 [00:14<00:01,  2.54it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        83/99      4.47G    0.02653    0.01922  0.0002653          89          640:
93% 41/44 [00:14<00:01,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        83/99      4.47G    0.02655    0.01931  0.0002611          97          640:
95% 42/44 [00:14<00:00,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        83/99      4.47G    0.0265      0.01933  0.0002579          85          640:

```

98% 43/44 [00:15<00:00, 2.80it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```
with torch.cuda.amp.autocast(amp):
    83/99      4.47G    0.02651    0.01932    0.0002545          67          640:
100% 44/44 [00:15<00:00, 2.80it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:03<00:00, 1.99it/s]
      all        200      534      0.778      0.65      0.721
0.411
```

Epoch GPU\_mem box\_loss obj\_loss cls\_loss Instances Size  
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```
with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02611    0.01837    0.0001283          76          640:
2% 1/44 [00:00<00:08, 4.92it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
```

```
with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02534    0.01846    0.0001018          59          640:
5% 2/44 [00:00<00:10, 4.08it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
```

```
with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02672    0.01898    0.0001074          70          640:
7% 3/44 [00:00<00:10, 4.02it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
```

```
with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02699    0.01703    0.0003255          44          640:
9% 4/44 [00:01<00:11, 3.60it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
```

```
with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02686    0.01763    0.0002755          72          640:
11% 5/44 [00:01<00:10, 3.81it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
```

```
with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02709    0.0176    0.0002477          59          640:
14% 6/44 [00:01<00:09, 3.81it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
```

```
with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02706    0.01782    0.0002382          74          640:
16% 7/44 [00:01<00:09, 3.83it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
```

```
with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02704    0.01768    0.0002198          66          640:
18% 8/44 [00:02<00:10, 3.44it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02678    0.01778  0.0002105          68          640:
20% 9/44 [00:02<00:09,  3.75it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02673    0.01788  0.0001998          78          640:
23% 10/44 [00:02<00:08,  3.79it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02662    0.0181  0.0001898          77          640:
25% 11/44 [00:03<00:11,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02655    0.01806  0.0001893          76          640:
27% 12/44 [00:03<00:10,  3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02672    0.01807  0.0001946          55          640:
30% 13/44 [00:03<00:09,  3.31it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02679    0.01819  0.0002758          74          640:
32% 14/44 [00:04<00:09,  3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02684    0.01845  0.0002754          80          640:
34% 15/44 [00:04<00:09,  3.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02685    0.01853  0.000316          69          640:
36% 16/44 [00:04<00:09,  2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02689    0.01866  0.000328          83          640:
39% 17/44 [00:05<00:08,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02669    0.01847  0.0003161          69          640:
41% 18/44 [00:05<00:08,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    84/99      4.47G    0.02697    0.0183  0.0003145          56          640:
43% 19/44 [00:05<00:08,  2.92it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02696    0.01825  0.0003044          57          640:
45% 20/44 [00:06<00:08,  3.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02692    0.01875  0.0003296          101          640:
48% 21/44 [00:06<00:08,  2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02696    0.01875  0.0003196          65          640:
50% 22/44 [00:06<00:07,  3.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02689    0.01893  0.0003101          89          640:
52% 23/44 [00:07<00:06,  3.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02691    0.01886  0.0003685          57          640:
55% 24/44 [00:07<00:06,  3.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02708    0.01886  0.0003602          67          640:
57% 25/44 [00:07<00:06,  3.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02717    0.01883  0.0003503          58          640:
59% 26/44 [00:08<00:05,  3.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02713    0.019   0.0003415          93          640:
61% 27/44 [00:08<00:06,  2.78it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02713    0.01903  0.0003334          86          640:
64% 28/44 [00:08<00:05,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02704    0.01904  0.0003265          67          640:
66% 29/44 [00:09<00:06,  2.27it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02703    0.0191  0.0003195          90          640:

```



```

68% 30/44 [00:09<00:05, 2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02708    0.01916    0.0003211          71          640:
70% 31/44 [00:10<00:06, 2.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.0271    0.01926    0.00032          89          640:
73% 32/44 [00:10<00:05, 2.31it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.027    0.01928    0.0003126          75          640:
75% 33/44 [00:11<00:05, 1.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02708    0.01941    0.0003066          86          640:
77% 34/44 [00:11<00:04, 2.30it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02707    0.01939    0.0003008          71          640:
80% 35/44 [00:12<00:04, 1.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02702    0.01928    0.0002956          63          640:
82% 36/44 [00:12<00:03, 2.22it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02692    0.01914    0.00029          61          640:
84% 37/44 [00:13<00:03, 2.22it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02683    0.01905    0.0002848          75          640:
86% 38/44 [00:13<00:02, 2.57it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02681    0.01909    0.0002831          78          640:
89% 39/44 [00:13<00:02, 2.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        84/99      4.47G    0.02679    0.0191    0.0002826          71          640:
91% 40/44 [00:14<00:01, 2.45it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

84/99      4.47G    0.02674    0.01907  0.0002781          65      640:
93% 41/44 [00:14<00:01,  2.65it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
84/99      4.47G    0.02668    0.01904  0.0002754          77      640:
95% 42/44 [00:14<00:00,  3.06it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
84/99      4.47G    0.02669    0.01909  0.000271          79      640:
98% 43/44 [00:15<00:00,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
84/99      4.47G    0.02651    0.01892  0.000267          32      640:
100% 44/44 [00:15<00:00,  2.83it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.68it/s]
      all      200      534      0.791      0.648      0.729
0.404

```

```

Epoch    GPU_mem    box_loss    obj_loss    cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.c
uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cud
a', args...)` instead.
  with torch.cuda.amp.autocast(amp):
85/99      4.47G    0.02635    0.01959  0.0001814          81      640:
2% 1/44 [00:00<00:08,  4.94it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
85/99      4.47G    0.02649    0.01898  0.0001465          82      640:
5% 2/44 [00:00<00:08,  4.71it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
85/99      4.47G    0.02619    0.01938  0.0001559          73      640:
7% 3/44 [00:00<00:09,  4.30it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
85/99      4.47G    0.0259    0.02105  0.0001475          101      640:
9% 4/44 [00:01<00:10,  3.64it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
85/99      4.47G    0.02556    0.02078  0.0001406          83      640:
11% 5/44 [00:01<00:09,  3.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
85/99      4.47G    0.02607    0.02136  0.0001358          90      640:
14% 6/44 [00:01<00:10,  3.76it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02602    0.02099  0.0001383          70          640:
16% 7/44 [00:01<00:10,  3.36it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02598    0.02079  0.0001727          84          640:
18% 8/44 [00:02<00:11,  3.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02593    0.02064  0.0001667          77          640:
20% 9/44 [00:02<00:10,  3.40it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02578    0.02022  0.000161          69          640:
23% 10/44 [00:02<00:09,  3.43it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02558    0.02072  0.0001538         112          640:
25% 11/44 [00:03<00:09,  3.57it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02558    0.02044  0.0001506          57          640:
27% 12/44 [00:03<00:10,  3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02597    0.02011  0.0001467          52          640:
30% 13/44 [00:03<00:10,  3.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02596    0.02028  0.0001453          83          640:
32% 14/44 [00:04<00:10,  2.78it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02603    0.01996  0.0001443          61          640:
34% 15/44 [00:04<00:09,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02583    0.01973  0.0001457          66          640:
36% 16/44 [00:05<00:11,  2.40it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02587    0.01992  0.0001442          92          640:

```

```

39% 17/44 [00:05<00:12, 2.21it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02599    0.01979  0.0001424          61          640:
41% 18/44 [00:06<00:11, 2.36it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02583    0.01977  0.0001419          88          640:
43% 19/44 [00:06<00:12, 1.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.0259    0.01972  0.0001418          74          640:
45% 20/44 [00:07<00:10, 2.22it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02603    0.01957  0.0001422          68          640:
48% 21/44 [00:07<00:11, 1.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02616    0.01961  0.0001467          65          640:
50% 22/44 [00:07<00:09, 2.32it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02611    0.0195  0.0001484          71          640:
52% 23/44 [00:08<00:09, 2.20it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02607    0.0199  0.0001488          106          640:
55% 24/44 [00:08<00:08, 2.44it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02597    0.0199  0.0001481          74          640:
57% 25/44 [00:09<00:07, 2.41it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02603    0.01981  0.000149          64          640:
59% 26/44 [00:09<00:06, 2.58it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        85/99      4.47G    0.02602    0.01982  0.0001475          67          640:
61% 27/44 [00:09<00:06, 2.56it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

85/99      4.47G    0.02596    0.01987  0.0001458          80      640:
64% 28/44 [00:10<00:05,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
85/99      4.47G    0.02596    0.01981  0.0001451          73      640:
66% 29/44 [00:10<00:05,  2.53it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
85/99      4.47G    0.0261    0.01984  0.000144          77      640:
68% 30/44 [00:10<00:04,  2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
85/99      4.47G    0.02598    0.02005  0.0001449        114      640:
70% 31/44 [00:11<00:04,  2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
85/99      4.47G    0.02597    0.02    0.0001461          67      640:
73% 32/44 [00:11<00:04,  2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
85/99      4.47G    0.0259    0.01985  0.0001445          49      640:
75% 33/44 [00:12<00:04,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
85/99      4.47G    0.02601    0.01986  0.0001573          78      640:
77% 34/44 [00:12<00:03,  3.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
85/99      4.47G    0.02609    0.01991  0.0001558          72      640:
80% 35/44 [00:12<00:03,  2.68it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
85/99      4.47G    0.02611    0.01994  0.0001541          81      640:
82% 36/44 [00:13<00:02,  2.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
85/99      4.47G    0.026    0.01985  0.0001548          59      640:
84% 37/44 [00:13<00:02,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
85/99      4.47G    0.02591    0.01978  0.0001537          72      640:
86% 38/44 [00:13<00:01,  3.21it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    85/99      4.47G      0.0259      0.01994  0.0001519      110      640:
89% 39/44 [00:13<00:01,  3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    85/99      4.47G      0.02596      0.01994  0.0001501      79      640:
91% 40/44 [00:14<00:01,  3.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    85/99      4.47G      0.02598      0.01984  0.0001489      61      640:
93% 41/44 [00:14<00:01,  2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    85/99      4.47G      0.02602      0.02001  0.0001475      108      640:
95% 42/44 [00:14<00:00,  3.20it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    85/99      4.47G      0.02608      0.01998  0.0001523      68      640:
98% 43/44 [00:15<00:00,  2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    85/99      4.47G      0.02604      0.02008  0.0001508      73      640:
100% 44/44 [00:15<00:00,  2.82it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.51it/s]
      all      200      534      0.789      0.631      0.718
0.408

```

```

Epoch      GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    86/99      4.47G      0.02317      0.01542  0.0007393      56      640:
2% 1/44 [00:00<00:09,  4.37it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    86/99      4.47G      0.02417      0.01593  0.0009144      57      640:
5% 2/44 [00:00<00:10,  3.86it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    86/99      4.47G      0.0241      0.01834  0.0006788      105      640:
7% 3/44 [00:00<00:10,  3.80it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    86/99      4.47G      0.02473      0.01844  0.0005285      83      640:

```

```

9% 4/44 [00:01<00:11, 3.50it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        86/99      4.47G    0.02446    0.019  0.0005014          87          640:
11% 5/44 [00:01<00:10, 3.62it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        86/99      4.47G    0.02468    0.01865  0.0004321          64          640:
14% 6/44 [00:01<00:12, 2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        86/99      4.47G    0.02507    0.01871  0.0004873          59          640:
16% 7/44 [00:02<00:12, 3.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        86/99      4.47G    0.0254    0.01924  0.0004441          86          640:
18% 8/44 [00:02<00:14, 2.46it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        86/99      4.47G    0.02518    0.01902  0.0004066          66          640:
20% 9/44 [00:02<00:12, 2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        86/99      4.47G    0.025    0.01854  0.0003753          53          640:
23% 10/44 [00:03<00:11, 2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        86/99      4.47G    0.02483    0.01822  0.000348          56          640:
25% 11/44 [00:03<00:10, 3.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        86/99      4.47G    0.02463    0.01818  0.0003275          77          640:
27% 12/44 [00:03<00:11, 2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        86/99      4.47G    0.02473    0.01814  0.0003122          75          640:
30% 13/44 [00:04<00:09, 3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        86/99      4.47G    0.02479    0.01787  0.0002981          55          640:
32% 14/44 [00:04<00:11, 2.62it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

      86/99      4.47G    0.02528    0.01782  0.0002858          46      640:
34% 15/44 [00:04<00:09,  3.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      86/99      4.47G    0.02558    0.01827  0.0002742          99      640:
36% 16/44 [00:05<00:10,  2.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      86/99      4.47G    0.02547    0.01805  0.0003716          51      640:
39% 17/44 [00:05<00:09,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      86/99      4.47G    0.02537    0.0181  0.0003562          82      640:
41% 18/44 [00:05<00:08,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      86/99      4.47G    0.02538    0.01796  0.0003429          63      640:
43% 19/44 [00:06<00:08,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      86/99      4.47G    0.02537    0.01818  0.0003325         100      640:
45% 20/44 [00:06<00:08,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      86/99      4.47G    0.02541    0.01849  0.0003666          90      640:
48% 21/44 [00:07<00:08,  2.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      86/99      4.47G    0.02555    0.0185  0.0003816          64      640:
50% 22/44 [00:07<00:07,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      86/99      4.47G    0.02551    0.01873  0.0003702          89      640:
52% 23/44 [00:07<00:07,  2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      86/99      4.47G    0.0256  0.01893  0.0003887          84      640:
55% 24/44 [00:08<00:06,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      86/99      4.47G    0.02567  0.01914  0.0003763          83      640:
57% 25/44 [00:08<00:06,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```



```

with torch.cuda.amp.autocast(amp):
    86/99      4.47G    0.02561    0.01903    0.0003668          69          640:
59% 26/44 [00:08<00:05,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    86/99      4.47G    0.02564    0.01891    0.0003712          60          640:
61% 27/44 [00:09<00:06,  2.68it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    86/99      4.47G    0.02564    0.01902    0.0003624          83          640:
64% 28/44 [00:09<00:05,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    86/99      4.47G    0.02582    0.01902    0.0003666          71          640:
66% 29/44 [00:09<00:05,  2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    86/99      4.47G    0.02581    0.01891    0.0003582          56          640:
68% 30/44 [00:10<00:04,  3.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    86/99      4.47G    0.02566    0.01887    0.0003499          75          640:
70% 31/44 [00:10<00:04,  2.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    86/99      4.47G    0.02574    0.01887    0.0003419          77          640:
73% 32/44 [00:10<00:04,  2.78it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    86/99      4.47G    0.02568    0.01876    0.0003344          70          640:
75% 33/44 [00:11<00:03,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    86/99      4.47G    0.0256    0.01854    0.0003273          39          640:
77% 34/44 [00:11<00:03,  3.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    86/99      4.47G    0.0255    0.0184    0.0003206          50          640:
80% 35/44 [00:11<00:03,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    86/99      4.47G    0.02559    0.01844    0.000314          70          640:
82% 36/44 [00:12<00:02,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      86/99      4.47G      0.02559      0.01836      0.0003135          60          640:
84% 37/44 [00:12<00:03,  2.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      86/99      4.47G      0.02556      0.01821      0.0003084          56          640:
86% 38/44 [00:13<00:02,  2.49it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      86/99      4.47G      0.02553      0.01812      0.0003027          54          640:
89% 39/44 [00:13<00:02,  2.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      86/99      4.47G      0.02562      0.01817      0.0002972          87          640:
91% 40/44 [00:14<00:01,  2.39it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      86/99      4.47G      0.02568      0.01823      0.0002919          70          640:
93% 41/44 [00:14<00:01,  2.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      86/99      4.47G      0.02563      0.01813      0.0002874          50          640:
95% 42/44 [00:15<00:00,  2.35it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      86/99      4.47G      0.02565      0.0183      0.0002843          105          640:
98% 43/44 [00:15<00:00,  2.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      86/99      4.47G      0.02562      0.01829      0.00028          61          640:
100% 44/44 [00:15<00:00,  2.76it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.62it/s]
      all      200      534      0.818      0.617      0.72
0.404
```

```
Epoch      GPU_mem      box_loss      obj_loss      cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.c
uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cud
a', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02673      0.01719      7.258e-05          59          640:
2% 1/44 [00:00<00:08,  4.88it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
```

```

      87/99      4.47G      0.02538      0.01747      0.0005152      64      640:
5% 2/44 [00:00<00:10, 3.94it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02476      0.01809      0.0003761      87      640:
7% 3/44 [00:00<00:09, 4.28it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.0257      0.01906      0.0003166      78      640:
9% 4/44 [00:01<00:11, 3.40it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.0254      0.0182      0.0002816      46      640:
11% 5/44 [00:01<00:10, 3.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02491      0.01755      0.0002491      60      640:
14% 6/44 [00:01<00:11, 3.38it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02421      0.01715      0.0002269      69      640:
16% 7/44 [00:01<00:10, 3.46it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02427      0.01702      0.0002098      57      640:
18% 8/44 [00:02<00:11, 3.20it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.0243      0.01712      0.000195      71      640:
20% 9/44 [00:02<00:10, 3.46it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02426      0.0173      0.0001861      74      640:
23% 10/44 [00:02<00:09, 3.51it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02451      0.01761      0.0001785      75      640:
25% 11/44 [00:03<00:09, 3.46it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02466      0.01761      0.0001742      65      640:
27% 12/44 [00:03<00:10, 2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02472    0.01801  0.0001729          88      640:
30% 13/44 [00:03<00:10,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02491    0.01821  0.0001681          82      640:
32% 14/44 [00:04<00:10,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02485    0.01808  0.000162          71      640:
34% 15/44 [00:04<00:09,  3.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02496    0.01824  0.0001642          75      640:
36% 16/44 [00:05<00:10,  2.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02491    0.01844  0.0001651          91      640:
39% 17/44 [00:05<00:09,  2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02487    0.01821  0.0001614          58      640:
41% 18/44 [00:05<00:08,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02492    0.01848  0.0001579          79      640:
43% 19/44 [00:05<00:07,  3.32it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02496    0.01854  0.0001558          82      640:
45% 20/44 [00:06<00:09,  2.50it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02489    0.01838  0.0001523          60      640:
48% 21/44 [00:06<00:07,  2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02484    0.0184  0.0001498          86      640:
50% 22/44 [00:07<00:07,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02491    0.01847  0.0001501          77      640:
52% 23/44 [00:07<00:07,  2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02513      0.01859      0.0001522      88      640:
55% 24/44 [00:08<00:08,  2.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02521      0.01847      0.0001542      58      640:
57% 25/44 [00:08<00:07,  2.54it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02533      0.01856      0.000176      87      640:
59% 26/44 [00:09<00:08,  2.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02542      0.01855      0.000177      64      640:
61% 27/44 [00:09<00:07,  2.38it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02547      0.01841      0.0001751      49      640:
64% 28/44 [00:10<00:08,  1.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02547      0.01853      0.0001733      73      640:
66% 29/44 [00:10<00:06,  2.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02552      0.01855      0.0001764      71      640:
68% 30/44 [00:10<00:06,  2.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02552      0.01843      0.0001734      50      640:
70% 31/44 [00:11<00:05,  2.48it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02558      0.01844      0.0001713      64      640:
73% 32/44 [00:11<00:05,  2.31it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02568      0.01847      0.0001806      66      640:
75% 33/44 [00:11<00:04,  2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      87/99      4.47G      0.02563      0.0184      0.0001786      57      640:
77% 34/44 [00:12<00:03,  2.60it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02553    0.01833  0.0001815          66          640:
80% 35/44 [00:12<00:02,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02568    0.01826  0.0001785          62          640:
82% 36/44 [00:13<00:03,  2.47it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02582    0.01833  0.0001759          85          640:
84% 37/44 [00:13<00:02,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02579    0.01839  0.0001877          78          640:
86% 38/44 [00:13<00:02,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.0258    0.01845  0.0001855          83          640:
89% 39/44 [00:13<00:01,  3.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02584    0.01844  0.0001829          69          640:
91% 40/44 [00:14<00:01,  2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02602    0.01854  0.0001807          68          640:
93% 41/44 [00:14<00:00,  3.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02616    0.01853  0.0001883          62          640:
95% 42/44 [00:14<00:00,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02619    0.01852  0.0001871          71          640:
98% 43/44 [00:15<00:00,  3.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    87/99      4.47G    0.02604    0.01846  0.000185          53          640:
100% 44/44 [00:15<00:00,  2.85it/s]
      Class      Images  Instances      P          R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.64it/s]
      all        200      534      0.758      0.673      0.734
0.409

```

```

Epoch   GPU_mem   box_loss   obj_loss   cls_loss   Instances   Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02408    0.02124    8.66e-05      94      640:
2% 1/44 [00:00<00:08, 4.98it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02469    0.02351    0.0003009      90      640:
5% 2/44 [00:00<00:09, 4.63it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02415    0.02229    0.0002351      85      640:
7% 3/44 [00:00<00:09, 4.16it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02412    0.02222    0.0002045      91      640:
9% 4/44 [00:00<00:10, 3.78it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02511    0.02116    0.0001922      61      640:
11% 5/44 [00:01<00:10, 3.86it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02519    0.02081    0.0001829      69      640:
14% 6/44 [00:01<00:10, 3.70it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02511    0.02143    0.0001764     104      640:
16% 7/44 [00:01<00:09, 3.76it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.025    0.02081    0.0001664      51      640:
18% 8/44 [00:02<00:10, 3.35it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.0251    0.02052    0.0001573      82      640:
20% 9/44 [00:02<00:09, 3.51it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02525    0.02065    0.0001509      89      640:
23% 10/44 [00:02<00:10, 3.13it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      88/99      4.47G      0.02548      0.02082      0.0001563      87      640:
25% 11/44 [00:03<00:13,  2.51it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      88/99      4.47G      0.0253      0.02053      0.000202      70      640:
27% 12/44 [00:03<00:13,  2.29it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      88/99      4.47G      0.02533      0.02035      0.0001947      69      640:
30% 13/44 [00:04<00:14,  2.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      88/99      4.47G      0.02538      0.02016      0.0001886      77      640:
32% 14/44 [00:04<00:13,  2.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      88/99      4.47G      0.02513      0.01995      0.0001908      68      640:
34% 15/44 [00:05<00:14,  1.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      88/99      4.47G      0.02517      0.01977      0.0001852      73      640:
36% 16/44 [00:05<00:12,  2.33it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      88/99      4.47G      0.02491      0.0198      0.0001797      93      640:
39% 17/44 [00:06<00:11,  2.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      88/99      4.47G      0.02522      0.02025      0.0001765      102      640:
41% 18/44 [00:06<00:09,  2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      88/99      4.47G      0.0253      0.02053      0.0001719      92      640:
43% 19/44 [00:06<00:10,  2.50it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      88/99      4.47G      0.025      0.02043      0.0001674      84      640:
45% 20/44 [00:07<00:08,  2.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      88/99      4.47G      0.02511      0.02016      0.0001695      56      640:
48% 21/44 [00:07<00:08,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:

```



```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02515    0.02004  0.0001826          64          640:
50% 22/44 [00:07<00:07,  3.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02502    0.01983  0.0001794          59          640:
52% 23/44 [00:08<00:07,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02497    0.0198  0.0001752          67          640:
55% 24/44 [00:08<00:06,  2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02504    0.0197  0.00018          73          640:
57% 25/44 [00:08<00:06,  2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.0251    0.01977  0.0001756          85          640:
59% 26/44 [00:09<00:05,  3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02502    0.01948  0.0001723          58          640:
61% 27/44 [00:09<00:06,  2.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02494    0.01927  0.0001703          48          640:
64% 28/44 [00:09<00:05,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02499    0.0194  0.0001668          92          640:
66% 29/44 [00:10<00:05,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02505    0.01938  0.0001645          64          640:
68% 30/44 [00:10<00:04,  3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02507    0.01923  0.0001622          51          640:
70% 31/44 [00:11<00:04,  2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02517    0.01926  0.0001905          74          640:

```

```

73% 32/44 [00:11<00:04, 2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02527    0.01944  0.0001882          103          640:
75% 33/44 [00:11<00:04, 2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02514    0.0194  0.0002048          54          640:
77% 34/44 [00:12<00:03, 2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.0252    0.01952  0.0002009          84          640:
80% 35/44 [00:12<00:03, 2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02514    0.01944  0.0002103          70          640:
82% 36/44 [00:12<00:02, 2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.0251    0.01951  0.0002068          98          640:
84% 37/44 [00:13<00:02, 2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.0251    0.01948  0.000205          71          640:
86% 38/44 [00:13<00:01, 3.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02506    0.01952  0.0002016          87          640:
89% 39/44 [00:13<00:01, 2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02502    0.01954  0.0001985          92          640:
91% 40/44 [00:14<00:01, 2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02498    0.01955  0.0002168          77          640:
93% 41/44 [00:14<00:01, 2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        88/99      4.47G    0.02504    0.01959  0.0002193          81          640:
95% 42/44 [00:14<00:00, 3.21it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

      88/99      4.47G      0.02494      0.01952      0.0002241          68          640:
98% 43/44 [00:15<00:00,  3.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
      88/99      4.47G      0.02496      0.01938      0.0002344          40          640:
100% 44/44 [00:15<00:00,  2.89it/s]
          Class      Images  Instances          P          R          mAP50
mAP50-95: 100% 7/7 [00:03<00:00,  2.00it/s]
          all          200          534          0.786          0.651          0.723
0.404

```

```

      Epoch      GPU_mem      box_loss      obj_loss      cls_loss  Instances      Size
  0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.c
uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cud
a', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      89/99      4.47G      0.02417      0.01014      7.534e-05          42          640:
  2% 1/44 [00:00<00:08,  4.99it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      89/99      4.47G      0.02509      0.01508      8.022e-05          82          640:
  5% 2/44 [00:00<00:09,  4.46it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      89/99      4.47G      0.02486      0.01549      0.0001031          67          640:
  7% 3/44 [00:00<00:09,  4.10it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      89/99      4.47G      0.02389      0.01492      0.0001108          49          640:
  9% 4/44 [00:01<00:10,  3.77it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      89/99      4.47G      0.02388      0.01624      0.0002282          80          640:
 11% 5/44 [00:01<00:09,  3.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      89/99      4.47G      0.02395      0.01636      0.0002454          72          640:
 14% 6/44 [00:01<00:09,  3.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      89/99      4.47G      0.02413      0.01676      0.0002346          79          640:
 16% 7/44 [00:01<00:09,  3.79it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      89/99      4.47G      0.0243      0.01718      0.0002185          77          640:
 18% 8/44 [00:02<00:10,  3.56it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.02439    0.01729  0.0002924          70          640:
20% 9/44 [00:02<00:09,  3.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.02401    0.01756  0.0002733          89          640:
23% 10/44 [00:02<00:09,  3.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.02439    0.01778  0.0002666          79          640:
25% 11/44 [00:03<00:10,  3.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.02467    0.01773  0.0002558          56          640:
27% 12/44 [00:03<00:10,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.02449    0.01783  0.0002529          77          640:
30% 13/44 [00:03<00:09,  3.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.02442    0.01769  0.0002404          63          640:
32% 14/44 [00:03<00:09,  3.22it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.0245    0.01777  0.0002305          77          640:
34% 15/44 [00:04<00:09,  3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.02465    0.01819  0.0002208          86          640:
36% 16/44 [00:04<00:09,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.0248    0.0181    0.000213          57          640:
39% 17/44 [00:04<00:08,  3.28it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.02474    0.01823    0.000295          85          640:
41% 18/44 [00:05<00:09,  2.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.02477    0.01792    0.0003234          45          640:

```

```

43% 19/44 [00:05<00:07, 3.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.02472    0.01801  0.0003115          87          640:
45% 20/44 [00:06<00:08, 2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.02484    0.01799  0.0003001          73          640:
48% 21/44 [00:06<00:07, 3.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.02499    0.01804  0.0002905          73          640:
50% 22/44 [00:06<00:07, 2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.02501    0.01792  0.0002817          62          640:
52% 23/44 [00:07<00:06, 3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.02499    0.01766  0.0002751          45          640:
55% 24/44 [00:07<00:07, 2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.02491    0.01761  0.0002686          62          640:
57% 25/44 [00:07<00:06, 3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.02493    0.01776  0.0002619          87          640:
59% 26/44 [00:08<00:05, 3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.025    0.01786  0.0002556          91          640:
61% 27/44 [00:08<00:05, 3.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.0251    0.01777  0.0002493          56          640:
64% 28/44 [00:08<00:05, 2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        89/99      4.47G    0.02522    0.01792  0.0002459          91          640:
66% 29/44 [00:09<00:04, 3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

89/99      4.47G    0.02539    0.01788  0.0002427          62      640:
68% 30/44 [00:09<00:05,  2.45it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
89/99      4.47G    0.02538    0.01789  0.0002371          65      640:
70% 31/44 [00:09<00:04,  2.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
89/99      4.47G    0.02543    0.01793  0.0002324          77      640:
73% 32/44 [00:10<00:05,  2.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
89/99      4.47G    0.02545    0.01778  0.0002285          55      640:
75% 33/44 [00:10<00:04,  2.37it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
89/99      4.47G    0.0255    0.0178  0.0002239          77      640:
77% 34/44 [00:11<00:04,  2.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
89/99      4.47G    0.02548    0.01777  0.0002202          52      640:
80% 35/44 [00:11<00:03,  2.42it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
89/99      4.47G    0.02543    0.01773  0.0002192          70      640:
82% 36/44 [00:12<00:04,  1.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
89/99      4.47G    0.02538    0.01764  0.0002158          64      640:
84% 37/44 [00:12<00:03,  2.27it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
89/99      4.47G    0.02539    0.01773  0.000217          84      640:
86% 38/44 [00:13<00:02,  2.31it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
89/99      4.47G    0.02535    0.01776  0.0002173          68      640:
89% 39/44 [00:13<00:01,  2.65it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
89/99      4.47G    0.02539    0.01794  0.0002141          86      640:
91% 40/44 [00:14<00:01,  2.38it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    89/99      4.47G    0.02545    0.01798    0.0002105          82          640:
93% 41/44 [00:14<00:01,  2.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    89/99      4.47G    0.02546    0.01798    0.0002109          79          640:
95% 42/44 [00:14<00:00,  2.68it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    89/99      4.47G    0.02553    0.01802    0.0002077          71          640:
98% 43/44 [00:14<00:00,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    89/99      4.47G    0.02552    0.01802    0.0002051          47          640:
100% 44/44 [00:15<00:00,  2.87it/s]
Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.76it/s]
          all      200      534      0.759      0.682      0.721
0.404

```

```

Epoch      GPU_mem    box_loss    obj_loss    cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02464    0.01389    7.828e-05          55          640:
2% 1/44 [00:00<00:08,  4.96it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.0252    0.01775    8.576e-05          93          640:
5% 2/44 [00:00<00:10,  4.09it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02679    0.01636    9.128e-05          50          640:
7% 3/44 [00:00<00:09,  4.20it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02804    0.01706    9.566e-05          91          640:
9% 4/44 [00:01<00:10,  3.69it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.0276    0.01786    9.699e-05         102          640:
11% 5/44 [00:01<00:10,  3.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02701    0.01781    0.0001119          73          640:

```

```

14% 6/44 [00:01<00:09, 4.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.02651    0.01789  0.0001085          74          640:
16% 7/44 [00:01<00:09, 3.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.0265    0.01879  0.0001318          95          640:
18% 8/44 [00:02<00:09, 3.62it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.02592    0.01844  0.0001246          64          640:
20% 9/44 [00:02<00:09, 3.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.02556    0.01871  0.0001265          91          640:
23% 10/44 [00:02<00:10, 3.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.02565    0.01908  0.0001214          85          640:
25% 11/44 [00:02<00:09, 3.51it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.0257    0.0193  0.0001327          84          640:
27% 12/44 [00:03<00:11, 2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.02574    0.01943  0.0001294          73          640:
30% 13/44 [00:03<00:10, 3.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.0261    0.01906  0.0001479          57          640:
32% 14/44 [00:04<00:10, 2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.02601    0.01938  0.000143          99          640:
34% 15/44 [00:04<00:09, 3.19it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.02615    0.01927  0.0001461          58          640:
36% 16/44 [00:04<00:11, 2.53it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```



```

    90/99      4.47G    0.02613    0.01898  0.0001419          53      640:
39% 17/44 [00:05<00:09,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.02608    0.01872  0.0001411          58      640:
41% 18/44 [00:05<00:12,  2.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.02605    0.01888  0.0001615          96      640:
43% 19/44 [00:06<00:10,  2.45it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.02615    0.01884  0.0001573          72      640:
45% 20/44 [00:06<00:12,  1.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.02615    0.01887  0.0001549          71      640:
48% 21/44 [00:07<00:10,  2.29it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.02623    0.01888  0.0001538          74      640:
50% 22/44 [00:07<00:10,  2.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.02615    0.01897  0.0001508          87      640:
52% 23/44 [00:08<00:08,  2.36it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.02618    0.01926  0.0001542         102      640:
55% 24/44 [00:08<00:09,  2.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.02611    0.01932  0.000151          89      640:
57% 25/44 [00:08<00:07,  2.44it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.026    0.01926  0.0001484          80      640:
59% 26/44 [00:09<00:07,  2.29it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        90/99      4.47G    0.02596    0.0192  0.0001461          65      640:
61% 27/44 [00:09<00:06,  2.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02595    0.01914  0.0001433          65          640:
64% 28/44 [00:10<00:06,  2.36it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02582    0.01918  0.0001412          78          640:
66% 29/44 [00:10<00:05,  2.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02576    0.01901  0.0001388          60          640:
68% 30/44 [00:10<00:05,  2.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02573    0.01918  0.0001367          114         640:
70% 31/44 [00:11<00:04,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02569    0.01909  0.0001369          61          640:
73% 32/44 [00:11<00:04,  2.72it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02568    0.01919  0.0001346          89          640:
75% 33/44 [00:11<00:03,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02564    0.0193  0.0001326          86          640:
77% 34/44 [00:12<00:03,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02556    0.01925  0.0001309          71          640:
80% 35/44 [00:12<00:02,  3.33it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02553    0.01921  0.0001292          70          640:
82% 36/44 [00:12<00:02,  2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02557    0.0191  0.0001277          73          640:
84% 37/44 [00:13<00:02,  3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02551    0.01898  0.000126          53          640:
86% 38/44 [00:13<00:01,  3.06it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02554    0.01895  0.0001251          70          640:
89% 39/44 [00:13<00:01,  3.19it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02544    0.01885  0.0001245          71          640:
91% 40/44 [00:14<00:01,  2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02543    0.0189    0.000124          94          640:
93% 41/44 [00:14<00:00,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02535    0.01902    0.000124          108          640:
95% 42/44 [00:14<00:00,  3.34it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02531    0.01895  0.0001232          67          640:
98% 43/44 [00:14<00:00,  3.48it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    90/99      4.47G    0.02531    0.01891  0.0001226          55          640:
100% 44/44 [00:15<00:00,  2.86it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.82it/s]
      all      200      534      0.786      0.657      0.727
0.404
```

```
Epoch  GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.03188    0.01206  0.0001778          44          640:
2% 1/44 [00:00<00:08,  5.02it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02937    0.01324  0.0001503          52          640:
5% 2/44 [00:00<00:11,  3.59it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02833    0.01471  0.0001322          73          640:
7% 3/44 [00:00<00:12,  3.41it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
```

```

91/99      4.47G    0.02791    0.0174  0.0001288      105      640:
9% 4/44 [00:01<00:12,  3.21it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
91/99      4.47G    0.02696    0.01753  0.0001307      70      640:
11% 5/44 [00:01<00:10,  3.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
91/99      4.47G    0.02649    0.01775  0.000119      80      640:
14% 6/44 [00:01<00:10,  3.51it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
91/99      4.47G    0.0262    0.01796  0.0001428      69      640:
16% 7/44 [00:02<00:13,  2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
91/99      4.47G    0.02598    0.01817  0.0001455      73      640:
18% 8/44 [00:02<00:14,  2.46it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
91/99      4.47G    0.02599    0.01838  0.0001402      73      640:
20% 9/44 [00:03<00:15,  2.31it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
91/99      4.47G    0.02562    0.01854  0.0001359      82      640:
23% 10/44 [00:03<00:13,  2.44it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
91/99      4.47G    0.0253    0.01831  0.0001316      63      640:
25% 11/44 [00:04<00:14,  2.31it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
91/99      4.47G    0.02532    0.01845  0.0001297      78      640:
27% 12/44 [00:04<00:15,  2.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
91/99      4.47G    0.02515    0.01828  0.0001684      66      640:
30% 13/44 [00:04<00:12,  2.49it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
91/99      4.47G    0.02496    0.01814  0.0001765      61      640:
32% 14/44 [00:05<00:13,  2.30it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02514    0.0182  0.0001724          62          640:
34% 15/44 [00:05<00:10,  2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02513    0.01789  0.0001668          49          640:
36% 16/44 [00:06<00:10,  2.58it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02497    0.01801  0.0001631          77          640:
39% 17/44 [00:06<00:09,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02499    0.01837  0.0001592          95          640:
41% 18/44 [00:06<00:08,  3.15it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02494    0.01834  0.0001648          63          640:
43% 19/44 [00:06<00:08,  2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02505    0.01862  0.000161          104          640:
45% 20/44 [00:07<00:08,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02521    0.01835  0.0001602          45          640:
48% 21/44 [00:07<00:08,  2.72it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02519    0.01859  0.0001554          103          640:
50% 22/44 [00:07<00:07,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02534    0.01873  0.0001645          76          640:
52% 23/44 [00:08<00:06,  3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02548    0.01856  0.0001807          58          640:
55% 24/44 [00:08<00:06,  3.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02548    0.01867  0.0001764          83          640:
57% 25/44 [00:09<00:06,  2.72it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02545    0.01873  0.0003112          88          640:
59% 26/44 [00:09<00:05,  3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02541    0.01896  0.0003028          117          640:
61% 27/44 [00:09<00:05,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02542    0.01895  0.0002946          92          640:
64% 28/44 [00:09<00:05,  2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02538    0.01902  0.0002869          78          640:
66% 29/44 [00:10<00:04,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02533    0.01907  0.0002802          86          640:
68% 30/44 [00:10<00:04,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02544    0.01914  0.000276          83          640:
70% 31/44 [00:10<00:04,  3.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02542    0.01906  0.0002708          66          640:
73% 32/44 [00:11<00:04,  2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02536    0.01915  0.000265          93          640:
75% 33/44 [00:11<00:03,  3.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02553    0.01915  0.0002663          63          640:
77% 34/44 [00:11<00:03,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02547    0.01901  0.0002642          54          640:
80% 35/44 [00:12<00:02,  3.29it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02546    0.01914  0.0003459          80          640:
82% 36/44 [00:12<00:03,  2.43it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02549    0.01911  0.0003391          65          640:
84% 37/44 [00:13<00:02,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02562    0.01905  0.0003337          60          640:
86% 38/44 [00:13<00:02,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02564    0.01919  0.0003271          96          640:
89% 39/44 [00:13<00:01,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02558    0.0193  0.0003203          100          640:
91% 40/44 [00:14<00:01,  2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02556    0.01925  0.000314          68          640:
93% 41/44 [00:14<00:00,  3.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02542    0.01917  0.0003083          61          640:
95% 42/44 [00:14<00:00,  2.59it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.0254    0.01922  0.000304          80          640:
98% 43/44 [00:15<00:00,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    91/99      4.47G    0.02539    0.01913  0.0002987          42          640:
100% 44/44 [00:15<00:00,  2.81it/s]
      Class      Images  Instances      P          R      mAP50
mAP50-95: 100% 7/7 [00:03<00:00,  2.08it/s]
      all        200      534      0.758      0.663      0.728
0.403

```

```

Epoch  GPU_mem  box_loss  obj_loss  cls_loss  Instances  Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    92/99      4.47G    0.02831    0.01695  0.0001093          52          640:
2% 1/44 [00:00<00:08,  5.02it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    92/99      4.47G    0.02633    0.01702  0.0003733          71          640:
5% 2/44 [00:00<00:08,  4.83it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02539    0.01765  0.0002736          80          640:
7% 3/44 [00:00<00:09,  4.28it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
        with torch.cuda.amp.autocast(amp):
            92/99      4.47G    0.02605    0.01877  0.0002202          89          640:
9% 4/44 [00:00<00:10,  3.74it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
            with torch.cuda.amp.autocast(amp):
                92/99      4.47G    0.02587    0.01894  0.0001936          75          640:
11% 5/44 [00:01<00:10,  3.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                with torch.cuda.amp.autocast(amp):
                    92/99      4.47G    0.02468    0.01865  0.0001741          77          640:
14% 6/44 [00:01<00:09,  3.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                    with torch.cuda.amp.autocast(amp):
                        92/99      4.47G    0.02464    0.01972  0.0001746          104          640:
16% 7/44 [00:01<00:09,  3.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                        with torch.cuda.amp.autocast(amp):
                            92/99      4.47G    0.02469    0.01989  0.0001651          79          640:
18% 8/44 [00:02<00:10,  3.48it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                            with torch.cuda.amp.autocast(amp):
                                92/99      4.47G    0.02505    0.0192  0.0001553          50          640:
20% 9/44 [00:02<00:09,  3.68it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                                with torch.cuda.amp.autocast(amp):
                                    92/99      4.47G    0.02483    0.01897  0.0001562          66          640:
23% 10/44 [00:02<00:11,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                                    with torch.cuda.amp.autocast(amp):
                                        92/99      4.47G    0.02468    0.01875  0.0001491          67          640:
25% 11/44 [00:03<00:10,  3.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                                        with torch.cuda.amp.autocast(amp):
                                            92/99      4.47G    0.02466    0.01896  0.0001422          96          640:
27% 12/44 [00:03<00:11,  2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas

```



```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    92/99      4.47G    0.02476    0.01914  0.0001377          84          640:
30% 13/44 [00:03<00:09,  3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    92/99      4.47G    0.02456    0.01904  0.0001337          62          640:
32% 14/44 [00:04<00:09,  3.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    92/99      4.47G    0.02447    0.0187   0.0001298          53          640:
34% 15/44 [00:04<00:08,  3.27it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    92/99      4.47G    0.02469    0.01925  0.0001264          96          640:
36% 16/44 [00:04<00:09,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    92/99      4.47G    0.02467    0.01884  0.0001243          43          640:
39% 17/44 [00:05<00:08,  3.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    92/99      4.47G    0.02474    0.01889  0.0001224          81          640:
41% 18/44 [00:05<00:08,  3.10it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    92/99      4.47G    0.02469    0.01891  0.0001394          85          640:
43% 19/44 [00:05<00:08,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    92/99      4.47G    0.0248   0.01895  0.0001362          77          640:
45% 20/44 [00:06<00:08,  2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    92/99      4.47G    0.02475    0.01887  0.0001579          70          640:
48% 21/44 [00:06<00:07,  3.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    92/99      4.47G    0.02476    0.01881  0.0001712          70          640:
50% 22/44 [00:06<00:08,  2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    92/99      4.47G    0.0246   0.01866   0.000189          66          640:
52% 23/44 [00:07<00:06,  3.14it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02471    0.0185  0.0001861          55          640:
55% 24/44 [00:07<00:07,  2.53it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02474    0.01845  0.0001823          75          640:
57% 25/44 [00:07<00:06,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02484    0.01847  0.0001853          62          640:
59% 26/44 [00:08<00:06,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02479    0.01851  0.000181          74          640:
61% 27/44 [00:08<00:05,  3.21it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.0247    0.01842  0.0001771          57          640:
64% 28/44 [00:08<00:06,  2.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02473    0.01846  0.0001736          78          640:
66% 29/44 [00:09<00:05,  2.90it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02471    0.01857  0.000171          79          640:
68% 30/44 [00:09<00:06,  2.22it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02471    0.01867  0.0001684          85          640:
70% 31/44 [00:10<00:05,  2.56it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02475    0.01864  0.0001652          71          640:
73% 32/44 [00:10<00:05,  2.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02476    0.01867  0.0001632          87          640:
75% 33/44 [00:11<00:04,  2.33it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02478    0.0186    0.000164          66          640:

```

```

77% 34/44 [00:11<00:04, 2.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02477    0.01853  0.0001624          58          640:
80% 35/44 [00:11<00:03, 2.47it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02473    0.0184  0.000161          56          640:
82% 36/44 [00:12<00:03, 2.06it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02482    0.01848  0.0001587          76          640:
84% 37/44 [00:12<00:02, 2.43it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02476    0.01832  0.0001561          50          640:
86% 38/44 [00:13<00:02, 2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02468    0.0182  0.0001996          60          640:
89% 39/44 [00:13<00:01, 2.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02469    0.01828  0.0002032          81          640:
91% 40/44 [00:14<00:01, 2.42it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02474    0.01831  0.0001999          77          640:
93% 41/44 [00:14<00:01, 2.78it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02474    0.01826  0.0002095          63          640:
95% 42/44 [00:14<00:00, 2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02482    0.01825  0.0002107          69          640:
98% 43/44 [00:14<00:00, 3.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        92/99      4.47G    0.02483    0.0184  0.0002109          69          640:
100% 44/44 [00:15<00:00, 2.91it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00, 2.55it/s]
          all        200        534      0.759      0.655      0.722

```

0.397

```
Epoch    GPU_mem    box_loss    obj_loss    cls_loss    Instances    Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.02577      0.01505      8.528e-05      60      640:
2% 1/44 [00:00<00:08, 5.02it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.02484      0.01688      0.0003525      74      640:
5% 2/44 [00:00<00:09, 4.42it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.02489      0.0161      0.0002791      70      640:
7% 3/44 [00:00<00:09, 4.16it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.02503      0.01705      0.0002268      61      640:
9% 4/44 [00:01<00:11, 3.41it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.0254      0.0178      0.0003973      82      640:
11% 5/44 [00:01<00:10, 3.67it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.02521      0.01828      0.0003454      87      640:
14% 6/44 [00:01<00:10, 3.71it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.02548      0.01858      0.000309      91      640:
16% 7/44 [00:01<00:09, 3.81it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.02497      0.01872      0.0002784      75      640:
18% 8/44 [00:02<00:11, 3.20it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.02536      0.01879      0.0003678      67      640:
20% 9/44 [00:02<00:10, 3.47it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.02522      0.0191      0.000338      95      640:
23% 10/44 [00:02<00:10, 3.12it/s]/content/yolov5/train.py:414: FutureWarning:
```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G    0.02513    0.019  0.0003189          77          640:
25% 11/44 [00:03<00:09,  3.37it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G    0.02486    0.01876  0.0002984          73          640:
27% 12/44 [00:03<00:11,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G    0.0246    0.01909  0.0002844          97          640:
30% 13/44 [00:03<00:09,  3.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G    0.02452    0.01879  0.0002699          71          640:
32% 14/44 [00:04<00:10,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G    0.0247    0.01861  0.0002586          56          640:
34% 15/44 [00:04<00:09,  3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G    0.02455    0.01832  0.0002564          57          640:
36% 16/44 [00:05<00:12,  2.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G    0.02467    0.01877  0.0002615          104          640:
39% 17/44 [00:05<00:10,  2.55it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G    0.02487    0.01866  0.0002683          58          640:
41% 18/44 [00:06<00:12,  2.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G    0.02475    0.01868  0.0002573          82          640:
43% 19/44 [00:06<00:10,  2.44it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G    0.02481    0.01865  0.0002486          67          640:
45% 20/44 [00:07<00:12,  1.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G    0.02475    0.01877  0.0002509          77          640:

```

```

48% 21/44 [00:07<00:10, 2.28it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.0248      0.01852  0.0002433          58          640:
50% 22/44 [00:07<00:09, 2.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.02477      0.01861  0.0002377          75          640:
52% 23/44 [00:08<00:08, 2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.02489      0.01847  0.0002302          61          640:
55% 24/44 [00:08<00:08, 2.32it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.02481      0.0183  0.0002242          53          640:
57% 25/44 [00:08<00:07, 2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.02478      0.0183  0.0002178          74          640:
59% 26/44 [00:09<00:06, 2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.02501      0.0185  0.0002148          102         640:
61% 27/44 [00:09<00:05, 3.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.02506      0.01859  0.000245          79          640:
64% 28/44 [00:09<00:05, 2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.02501      0.01848  0.0002565          67          640:
66% 29/44 [00:10<00:04, 3.36it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.02514      0.0185  0.0002551          74          640:
68% 30/44 [00:10<00:04, 2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        93/99      4.47G      0.02517      0.01843  0.00025          70          640:
70% 31/44 [00:10<00:04, 3.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

93/99      4.47G    0.02517    0.01855  0.0002448          95      640:
73% 32/44 [00:11<00:04,  2.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
93/99      4.47G    0.02523    0.01833  0.0002416          39      640:
75% 33/44 [00:11<00:03,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
93/99      4.47G    0.02525    0.01824  0.0002365          64      640:
77% 34/44 [00:11<00:03,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
93/99      4.47G    0.02519    0.01818  0.000232          55      640:
80% 35/44 [00:12<00:02,  3.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
93/99      4.47G    0.02507    0.01806  0.000228          66      640:
82% 36/44 [00:12<00:02,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
93/99      4.47G    0.02501    0.01798  0.0002234          66      640:
84% 37/44 [00:12<00:02,  3.10it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
93/99      4.47G    0.02496    0.01807  0.000222          95      640:
86% 38/44 [00:13<00:02,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
93/99      4.47G    0.02503    0.01798  0.0002204          52      640:
89% 39/44 [00:13<00:01,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
93/99      4.47G    0.02498    0.01801  0.0002171          89      640:
91% 40/44 [00:14<00:01,  2.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
93/99      4.47G    0.02491    0.01804  0.0002316          94      640:
93% 41/44 [00:14<00:00,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
93/99      4.47G    0.0249      0.01827  0.0002279         113      640:
95% 42/44 [00:14<00:00,  2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    93/99      4.47G    0.02492    0.01833    0.000226          77          640:
98% 43/44 [00:14<00:00,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    93/99      4.47G    0.02502    0.01831    0.0002242          54          640:
100% 44/44 [00:15<00:00,  2.88it/s]
          Class      Images  Instances          P          R          mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.34it/s]
          all          200          534          0.749          0.679          0.733
0.403

```

```

Epoch      GPU_mem    box_loss    obj_loss    cls_loss  Instances      Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.c
uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cud
a', args...)` instead.
with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02368    0.01888    5.643e-05          76          640:
2% 1/44 [00:00<00:10,  4.07it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02232    0.01804    7.07e-05          70          640:
5% 2/44 [00:00<00:10,  3.83it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02291    0.01786    0.000364          66          640:
7% 3/44 [00:00<00:10,  3.82it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02429    0.01668    0.0002972          50          640:
9% 4/44 [00:01<00:11,  3.40it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.024    0.01953    0.0002868          115          640:
11% 5/44 [00:01<00:10,  3.59it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02384    0.01923    0.0002504          66          640:
14% 6/44 [00:01<00:12,  3.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02362    0.01868    0.0002259          55          640:
16% 7/44 [00:02<00:12,  2.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02337    0.01852    0.0002162          67          640:

```



```

18% 8/44 [00:02<00:13, 2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        94/99      4.47G    0.02356    0.01897  0.0002107          90          640:
20% 9/44 [00:02<00:11, 3.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        94/99      4.47G    0.02378    0.01938  0.0001997          82          640:
23% 10/44 [00:03<00:12, 2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        94/99      4.47G    0.02403    0.02071  0.0001913          152          640:
25% 11/44 [00:03<00:11, 2.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        94/99      4.47G    0.02414    0.02104  0.0001828          96          640:
27% 12/44 [00:03<00:10, 2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        94/99      4.47G    0.02402    0.02087  0.0001807          72          640:
30% 13/44 [00:04<00:11, 2.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        94/99      4.47G    0.02425    0.0205  0.0001728          69          640:
32% 14/44 [00:04<00:09, 3.02it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        94/99      4.47G    0.0243  0.02002  0.0001829          49          640:
34% 15/44 [00:05<00:11, 2.59it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        94/99      4.47G    0.02436    0.01982  0.000175          66          640:
36% 16/44 [00:05<00:09, 2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        94/99      4.47G    0.02433    0.01959  0.0001697          67          640:
39% 17/44 [00:05<00:10, 2.62it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        94/99      4.47G    0.02427    0.01929  0.0002497          55          640:
41% 18/44 [00:06<00:08, 2.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

94/99      4.47G    0.02447    0.01902    0.00024          57      640:
43% 19/44 [00:06<00:09, 2.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
94/99      4.47G    0.02449    0.01893    0.0002317          66      640:
45% 20/44 [00:06<00:08, 2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
94/99      4.47G    0.02473    0.01878    0.0002251          62      640:
48% 21/44 [00:07<00:08, 2.56it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
94/99      4.47G    0.02471    0.01891    0.0002185          91      640:
50% 22/44 [00:07<00:07, 2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
94/99      4.47G    0.02471    0.01886    0.0002171          74      640:
52% 23/44 [00:07<00:07, 2.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
94/99      4.47G    0.02474    0.01871    0.0002139          52      640:
55% 24/44 [00:08<00:06, 3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
94/99      4.47G    0.02478    0.01852    0.0002076          61      640:
57% 25/44 [00:08<00:07, 2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
94/99      4.47G    0.02471    0.01841    0.0002018          61      640:
59% 26/44 [00:08<00:06, 2.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
94/99      4.47G    0.02469    0.01847    0.0001971          89      640:
61% 27/44 [00:09<00:05, 2.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
94/99      4.47G    0.02462    0.01847    0.0002043          79      640:
64% 28/44 [00:09<00:05, 3.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.
    with torch.cuda.amp.autocast(amp):
94/99      4.47G    0.0246    0.01871    0.0002007          97      640:
66% 29/44 [00:10<00:05, 2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...))` instead.

```

```

with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02454    0.01885    0.000207          88          640:
68% 30/44 [00:10<00:04,  3.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02442    0.01882    0.0002169          64          640:
70% 31/44 [00:10<00:04,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02443    0.01898    0.0002164          102          640:
73% 32/44 [00:11<00:04,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02459    0.01877    0.000214          46          640:
75% 33/44 [00:11<00:04,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02458    0.01887    0.0002094          85          640:
77% 34/44 [00:11<00:03,  3.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02463    0.01885    0.0002109          57          640:
80% 35/44 [00:11<00:02,  3.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02453    0.01888    0.0002077          84          640:
82% 36/44 [00:12<00:02,  3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.0246    0.01879    0.0002046          76          640:
84% 37/44 [00:12<00:02,  2.49it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02463    0.01886    0.0002016          91          640:
86% 38/44 [00:13<00:02,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02465    0.01875    0.000198          55          640:
89% 39/44 [00:13<00:02,  2.35it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02465    0.01874    0.0001954          66          640:
91% 40/44 [00:14<00:01,  2.49it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02465    0.01881  0.0002147          83          640:
93% 41/44 [00:14<00:01,  2.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02458    0.01889  0.0002217          89          640:
95% 42/44 [00:15<00:00,  2.37it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02462    0.0189   0.0002191          72          640:
98% 43/44 [00:15<00:00,  2.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast(
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    94/99      4.47G    0.02463    0.01908  0.0002182          76          640:
100% 44/44 [00:15<00:00,  2.77it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.57it/s]
      all        200      534      0.729    0.681    0.725
0.409
```

```
      Epoch    GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
  0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.
uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cud
a', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      95/99      4.47G    0.02609    0.02329  7.132e-05      115          640:
  2% 1/44 [00:00<00:08,  4.91it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      95/99      4.47G    0.02534    0.02049  0.0001195          68          640:
  5% 2/44 [00:00<00:09,  4.53it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      95/99      4.47G    0.024    0.01941  0.0001113          73          640:
  7% 3/44 [00:00<00:09,  4.14it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      95/99      4.47G    0.02444    0.01964  0.0003715          70          640:
  9% 4/44 [00:01<00:11,  3.44it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      95/99      4.47G    0.02402    0.02023  0.0003139          94          640:
 11% 5/44 [00:01<00:11,  3.46it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
```

```

    95/99      4.47G    0.02378    0.02014  0.0002743          76      640:
14% 6/44 [00:01<00:10,  3.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        95/99      4.47G    0.0246    0.02036  0.0002946          89      640:
16% 7/44 [00:01<00:09,  3.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        95/99      4.47G    0.02421    0.01994  0.0002665          66      640:
18% 8/44 [00:02<00:10,  3.38it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        95/99      4.47G    0.02451    0.0198    0.000247          73      640:
20% 9/44 [00:02<00:09,  3.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        95/99      4.47G    0.02459    0.01931  0.0002383          72      640:
23% 10/44 [00:02<00:10,  3.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        95/99      4.47G    0.02488    0.01894  0.0002233          59      640:
25% 11/44 [00:03<00:09,  3.45it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        95/99      4.47G    0.02486    0.01952  0.000219          105      640:
27% 12/44 [00:03<00:11,  2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        95/99      4.47G    0.02497    0.01988  0.0002126          107      640:
30% 13/44 [00:03<00:09,  3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        95/99      4.47G    0.02485    0.01965  0.0002039          70      640:
32% 14/44 [00:04<00:10,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        95/99      4.47G    0.02472    0.01945  0.0002199          65      640:
34% 15/44 [00:04<00:08,  3.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        95/99      4.47G    0.02459    0.01962  0.0002191          89      640:
36% 16/44 [00:04<00:10,  2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02464    0.01933    0.0002109          55          640:
39% 17/44 [00:05<00:09,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02478    0.01966    0.0002201          108          640:
41% 18/44 [00:05<00:09,  2.87it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.0247    0.01946    0.0002118          65          640:
43% 19/44 [00:05<00:08,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02465    0.01937    0.0002196          80          640:
45% 20/44 [00:06<00:08,  2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02471    0.01905    0.0002122          37          640:
48% 21/44 [00:06<00:07,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02477    0.01909    0.0002053          82          640:
50% 22/44 [00:06<00:07,  2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02485    0.01889    0.0001986          61          640:
52% 23/44 [00:07<00:07,  3.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02478    0.01885    0.000195          72          640:
55% 24/44 [00:08<00:09,  2.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02477    0.01858    0.0002149          40          640:
57% 25/44 [00:08<00:07,  2.41it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02478    0.01868    0.000212          72          640:
59% 26/44 [00:08<00:08,  2.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02474    0.01873    0.0002074          70          640:
61% 27/44 [00:09<00:07,  2.42it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02468    0.01868  0.0002025          67          640:
64% 28/44 [00:09<00:08,  1.94it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02466    0.01864  0.0001978          72          640:
66% 29/44 [00:10<00:06,  2.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02471    0.01874  0.0001961          80          640:
68% 30/44 [00:10<00:06,  2.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02467    0.01883  0.0001922          92          640:
70% 31/44 [00:11<00:05,  2.49it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02475    0.0188  0.0001882          62          640:
73% 32/44 [00:11<00:04,  2.40it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02466    0.01877  0.0002038          83          640:
75% 33/44 [00:11<00:04,  2.73it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02472    0.01881  0.0001998          74          640:
77% 34/44 [00:12<00:03,  2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.0248    0.01879  0.000196          69          640:
80% 35/44 [00:12<00:03,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02476    0.01885  0.0001924          85          640:
82% 36/44 [00:12<00:02,  2.86it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02475    0.01891  0.000189          91          640:
84% 37/44 [00:13<00:02,  3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02473    0.01878  0.0001858          58          640:
86% 38/44 [00:13<00:02,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02473    0.01864  0.0001836          47          640:
89% 39/44 [00:13<00:01,  3.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02461    0.01846  0.0001825          41          640:
91% 40/44 [00:14<00:01,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02463    0.0184  0.0001804          61          640:
93% 41/44 [00:14<00:00,  3.11it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02458    0.01835  0.0001791          63          640:
95% 42/44 [00:14<00:00,  2.71it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02457    0.01826  0.0001769          61          640:
98% 43/44 [00:15<00:00,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    95/99      4.47G    0.02461    0.01815  0.0001747          34          640:
100% 44/44 [00:15<00:00,  2.86it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.72it/s]
      all      200      534      0.755      0.669      0.727
0.404

```

```

Epoch  GPU_mem  box_loss  obj_loss  cls_loss  Instances  Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    96/99      4.47G    0.02318    0.01632  9.695e-05          59          640:
2% 1/44 [00:00<00:08,  4.99it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    96/99      4.47G    0.02613    0.01578  9.098e-05          62          640:
5% 2/44 [00:00<00:09,  4.22it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    96/99      4.47G    0.02568    0.0157  7.915e-05          62          640:
7% 3/44 [00:00<00:10,  4.08it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```



```

with torch.cuda.amp.autocast(amp):
    96/99      4.47G    0.02625    0.01749  9.779e-05          84          640:
9% 4/44 [00:01<00:11,  3.54it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        96/99      4.47G    0.02511    0.01723  0.0002348          66          640:
11% 5/44 [00:01<00:10,  3.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
        with torch.cuda.amp.autocast(amp):
            96/99      4.47G    0.02477    0.01786  0.0002285          79          640:
14% 6/44 [00:01<00:10,  3.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
            with torch.cuda.amp.autocast(amp):
                96/99      4.47G    0.0255    0.01737  0.0002075          52          640:
16% 7/44 [00:01<00:09,  3.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                with torch.cuda.amp.autocast(amp):
                    96/99      4.47G    0.02535    0.01796  0.0001921          96          640:
18% 8/44 [00:02<00:12,  2.83it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                    with torch.cuda.amp.autocast(amp):
                        96/99      4.47G    0.02553    0.01787  0.0001782          82          640:
20% 9/44 [00:02<00:11,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                        with torch.cuda.amp.autocast(amp):
                            96/99      4.47G    0.0259    0.01817  0.0001687          89          640:
23% 10/44 [00:03<00:15,  2.21it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                            with torch.cuda.amp.autocast(amp):
                                96/99      4.47G    0.02583    0.01883  0.0001596          105          640:
25% 11/44 [00:03<00:13,  2.45it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                                with torch.cuda.amp.autocast(amp):
                                    96/99      4.47G    0.02583    0.01859  0.000154          80          640:
27% 12/44 [00:04<00:15,  2.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                                    with torch.cuda.amp.autocast(amp):
                                        96/99      4.47G    0.02605    0.01849  0.0001521          63          640:
30% 13/44 [00:04<00:13,  2.33it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
                                        with torch.cuda.amp.autocast(amp):
                                            96/99      4.47G    0.02598    0.01838  0.0001653          65          640:
32% 14/44 [00:05<00:15,  1.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    96/99      4.47G    0.02592    0.01885  0.0001634          99      640:
34% 15/44 [00:05<00:12,  2.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    96/99      4.47G    0.02591    0.01873  0.0001589          59      640:
36% 16/44 [00:06<00:12,  2.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    96/99      4.47G    0.02584    0.01855  0.0001532          70      640:
39% 17/44 [00:06<00:10,  2.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    96/99      4.47G    0.02574    0.01832  0.0001481          60      640:
41% 18/44 [00:06<00:11,  2.29it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    96/99      4.47G    0.02583    0.01835  0.0001444          76      640:
43% 19/44 [00:07<00:09,  2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    96/99      4.47G    0.02562    0.01808  0.0001408          58      640:
45% 20/44 [00:07<00:10,  2.39it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    96/99      4.47G    0.02554    0.01792  0.0001379          64      640:
48% 21/44 [00:07<00:08,  2.78it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    96/99      4.47G    0.02552    0.01791  0.0001357          69      640:
50% 22/44 [00:08<00:08,  2.56it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    96/99      4.47G    0.02572    0.01826  0.0001332         110      640:
52% 23/44 [00:08<00:07,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    96/99      4.47G    0.02556    0.01823  0.0001306          78      640:
55% 24/44 [00:08<00:06,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    96/99      4.47G    0.02549    0.01815  0.000129          67      640:
57% 25/44 [00:09<00:05,  3.22it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        96/99      4.47G      0.02547      0.01831  0.0001317          97          640:
59% 26/44 [00:09<00:05,  3.01it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        96/99      4.47G      0.0254      0.01827  0.0001294          67          640:
61% 27/44 [00:09<00:05,  3.28it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        96/99      4.47G      0.02541      0.01834  0.0001271          91          640:
64% 28/44 [00:10<00:05,  2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        96/99      4.47G      0.02557      0.01813  0.0001254          45          640:
66% 29/44 [00:10<00:04,  3.29it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        96/99      4.47G      0.02546      0.01814  0.000124          63          640:
68% 30/44 [00:10<00:04,  3.29it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        96/99      4.47G      0.02562      0.0182  0.0001231          78          640:
70% 31/44 [00:10<00:03,  3.30it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        96/99      4.47G      0.02555      0.01819  0.0001247          73          640:
73% 32/44 [00:11<00:04,  2.63it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        96/99      4.47G      0.02552      0.01825  0.0001245          73          640:
75% 33/44 [00:11<00:03,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        96/99      4.47G      0.02551      0.0182  0.000123          64          640:
77% 34/44 [00:12<00:03,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        96/99      4.47G      0.0254      0.01806  0.0001212          64          640:
80% 35/44 [00:12<00:02,  3.31it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        96/99      4.47G      0.02538      0.01794  0.0001195          57          640:

```

```

82% 36/44 [00:12<00:02, 2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      96/99      4.47G    0.02539    0.01795  0.0001273          73          640:
84% 37/44 [00:12<00:02, 3.35it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      96/99      4.47G    0.02545    0.01804  0.0001643          73          640:
86% 38/44 [00:13<00:01, 3.03it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      96/99      4.47G    0.02546    0.0181  0.0001737          80          640:
89% 39/44 [00:13<00:01, 2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      96/99      4.47G    0.02545    0.01817  0.0001893          83          640:
91% 40/44 [00:14<00:01, 2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      96/99      4.47G    0.02543    0.01814  0.0001862          80          640:
93% 41/44 [00:14<00:00, 3.12it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      96/99      4.47G    0.02552    0.01806  0.0001857          56          640:
95% 42/44 [00:14<00:00, 2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      96/99      4.47G    0.02553    0.01799  0.0001828          61          640:
98% 43/44 [00:15<00:00, 3.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      96/99      4.47G    0.02554    0.01796  0.0001803          48          640:
100% 44/44 [00:15<00:00, 2.85it/s]
      Class      Images  Instances      P          R      mAP50
mAP50-95: 100% 7/7 [00:03<00:00, 1.90it/s]
      all        200      534      0.773      0.645      0.73
0.407

```

```

      Epoch      GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
  0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      97/99      4.47G    0.02485    0.02115  0.0001245          78          640:
  2% 1/44 [00:00<00:08, 4.98it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    97/99      4.47G    0.02402    0.02062  0.0003059          86          640:
5% 2/44 [00:00<00:09,  4.47it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    97/99      4.47G    0.0266    0.02056  0.000231          82          640:
7% 3/44 [00:00<00:09,  4.17it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    97/99      4.47G    0.02706    0.02213  0.0002836          91          640:
9% 4/44 [00:01<00:10,  3.77it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    97/99      4.47G    0.02604    0.02096  0.0002467          66          640:
11% 5/44 [00:01<00:10,  3.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    97/99      4.47G    0.02534    0.01986  0.0002158          60          640:
14% 6/44 [00:01<00:10,  3.77it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    97/99      4.47G    0.02521    0.01978  0.0003582          72          640:
16% 7/44 [00:01<00:10,  3.62it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    97/99      4.47G    0.0249    0.01947  0.0003219          67          640:
18% 8/44 [00:02<00:10,  3.48it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    97/99      4.47G    0.02555    0.01991  0.0002971          83          640:
20% 9/44 [00:02<00:11,  3.06it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    97/99      4.47G    0.02543    0.01984  0.000275          81          640:
23% 10/44 [00:02<00:10,  3.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    97/99      4.47G    0.02533    0.01963  0.0002586          72          640:
25% 11/44 [00:03<00:10,  3.06it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)\` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)\` instead.
  with torch.cuda.amp.autocast(amp):
    97/99      4.47G    0.02512    0.01918  0.0002438          59          640:
27% 12/44 [00:03<00:10,  3.09it/s]/content/yolov5/train.py:414: FutureWarning:

```

```

`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02532    0.01929  0.0002305          76          640:
30% 13/44 [00:03<00:10,  2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02537    0.01951  0.0002259          81          640:
32% 14/44 [00:04<00:09,  3.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02519    0.01932  0.000217          80          640:
34% 15/44 [00:04<00:10,  2.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02502    0.01922  0.0002083          80          640:
36% 16/44 [00:04<00:09,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02506    0.01906  0.0002027          71          640:
39% 17/44 [00:05<00:09,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02489    0.01915  0.0001951          88          640:
41% 18/44 [00:05<00:08,  3.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02474    0.01902  0.0002265          67          640:
43% 19/44 [00:06<00:09,  2.62it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02469    0.01909  0.0002235          84          640:
45% 20/44 [00:06<00:08,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02476    0.01909  0.0002201          66          640:
48% 21/44 [00:06<00:09,  2.54it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02461    0.01891  0.0002182          61          640:
50% 22/44 [00:07<00:07,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02453    0.019    0.0002118          86          640:

```

```

52% 23/44 [00:07<00:07, 2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02452    0.01887  0.0002068          59          640:
55% 24/44 [00:07<00:06, 3.09it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02459    0.01889  0.0002011          73          640:
57% 25/44 [00:08<00:06, 2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02462    0.01873  0.0002512          58          640:
59% 26/44 [00:08<00:05, 3.17it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02473    0.0186  0.0002457          62          640:
61% 27/44 [00:08<00:05, 3.16it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02473    0.01884  0.0002485          105         640:
64% 28/44 [00:08<00:05, 3.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02475    0.01916  0.0002427          119         640:
66% 29/44 [00:09<00:05, 2.84it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02464    0.019  0.0002366          64          640:
68% 30/44 [00:09<00:04, 3.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02461    0.01896  0.0002312          81          640:
70% 31/44 [00:10<00:05, 2.56it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02453    0.0189  0.000226          74          640:
73% 32/44 [00:10<00:04, 2.58it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        97/99      4.47G    0.02443    0.01873  0.000225          57          640:
75% 33/44 [00:11<00:05, 1.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

97/99      4.47G    0.02441    0.01876  0.0002205          72      640:
77% 34/44 [00:11<00:04,  2.23it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
97/99      4.47G    0.02437    0.01879  0.0002212          74      640:
80% 35/44 [00:12<00:04,  1.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
97/99      4.47G    0.0243    0.01869  0.0002203          60      640:
82% 36/44 [00:12<00:03,  2.14it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
97/99      4.47G    0.02443    0.0186    0.0002179          53      640:
84% 37/44 [00:13<00:03,  2.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
97/99      4.47G    0.02455    0.01864  0.0002144          63      640:
86% 38/44 [00:13<00:02,  2.46it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
97/99      4.47G    0.02451    0.01869  0.000212          81      640:
89% 39/44 [00:13<00:01,  2.54it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
97/99      4.47G    0.02436    0.01859  0.0002087          61      640:
91% 40/44 [00:14<00:01,  2.65it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
97/99      4.47G    0.02435    0.01853  0.0002054          67      640:
93% 41/44 [00:14<00:01,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
97/99      4.47G    0.02447    0.01848  0.0002096          57      640:
95% 42/44 [00:14<00:00,  2.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
97/99      4.47G    0.02456    0.01847  0.0002154          79      640:
98% 43/44 [00:15<00:00,  2.74it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
97/99      4.47G    0.02444    0.01834  0.0002365          35      640:
100% 44/44 [00:15<00:00,  2.85it/s]
Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.57it/s]

```



	all	200	534	0.78	0.659	0.726
0.408						

Epoch	GPU_mem	box_loss	obj_loss	cls_loss	Instances	Size
0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
98/99	4.47G	0.02576	0.02253	8.893e-05	83	640:
2% 1/44 [00:00<00:08, 4.93it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
98/99	4.47G	0.02616	0.02344	0.0001342	110	640:
5% 2/44 [00:00<00:09, 4.43it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
98/99	4.47G	0.02366	0.02058	0.0001119	67	640:
7% 3/44 [00:00<00:09, 4.28it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
98/99	4.47G	0.02289	0.01956	0.0001231	75	640:
9% 4/44 [00:01<00:11, 3.51it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
98/99	4.47G	0.02314	0.01853	0.0001112	63	640:
11% 5/44 [00:01<00:10, 3.67it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
98/99	4.47G	0.02323	0.01814	0.0001059	68	640:
14% 6/44 [00:01<00:10, 3.57it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
98/99	4.47G	0.02343	0.01804	0.0001133	77	640:
16% 7/44 [00:01<00:11, 3.29it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
98/99	4.47G	0.02368	0.01933	0.0001078	104	640:
18% 8/44 [00:02<00:10, 3.34it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
98/99	4.47G	0.02407	0.01902	0.0001048	63	640:
20% 9/44 [00:02<00:11, 2.95it/s]/content/yolov5/train.py:414: FutureWarning: `torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.						
with torch.cuda.amp.autocast(amp):						
98/99	4.47G	0.02368	0.01864	0.0001019	79	640:

```

23% 10/44 [00:02<00:10, 3.20it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        98/99      4.47G    0.02426    0.01879    0.000102          86          640:
25% 11/44 [00:03<00:10, 3.25it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        98/99      4.47G    0.02461    0.01871    0.0001003          77          640:
27% 12/44 [00:03<00:10, 3.07it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        98/99      4.47G    0.02475    0.01884    0.0001129          70          640:
30% 13/44 [00:04<00:11, 2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        98/99      4.47G    0.02445    0.01861    0.0001513          70          640:
32% 14/44 [00:04<00:09, 3.10it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        98/99      4.47G    0.02451    0.01838    0.0001471          56          640:
34% 15/44 [00:04<00:11, 2.57it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        98/99      4.47G    0.02448    0.01822    0.0001449          65          640:
36% 16/44 [00:05<00:10, 2.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        98/99      4.47G    0.02446    0.0181    0.0001417          69          640:
39% 17/44 [00:05<00:12, 2.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        98/99      4.47G    0.0244    0.01834    0.0001383          82          640:
41% 18/44 [00:06<00:10, 2.49it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        98/99      4.47G    0.02449    0.01838    0.0001415          74          640:
43% 19/44 [00:06<00:12, 2.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
        98/99      4.47G    0.02445    0.01816    0.0002119          50          640:
45% 20/44 [00:07<00:10, 2.26it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):

```

```

98/99      4.47G      0.0244      0.01827  0.0002134      94      640:
48% 21/44 [00:07<00:11, 1.99it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
98/99      4.47G      0.02459      0.01861  0.0002081      111      640:
50% 22/44 [00:07<00:09, 2.34it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
98/99      4.47G      0.02463      0.01847  0.0002035      75      640:
52% 23/44 [00:08<00:09, 2.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
98/99      4.47G      0.02458      0.01849  0.0001978      71      640:
55% 24/44 [00:08<00:08, 2.42it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
98/99      4.47G      0.02454      0.01852  0.0001924      84      640:
57% 25/44 [00:09<00:07, 2.55it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
98/99      4.47G      0.02448      0.01867  0.0001884      95      640:
59% 26/44 [00:09<00:06, 2.93it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
98/99      4.47G      0.02456      0.01876  0.0001855      85      640:
61% 27/44 [00:09<00:06, 2.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
98/99      4.47G      0.02446      0.01861  0.0001847      62      640:
64% 28/44 [00:10<00:05, 2.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
98/99      4.47G      0.02443      0.01866  0.0001803      74      640:
66% 29/44 [00:10<00:05, 2.53it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
98/99      4.47G      0.02431      0.01851  0.0001831      65      640:
68% 30/44 [00:10<00:04, 2.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
98/99      4.47G      0.02427      0.01856  0.0001795      88      640:
70% 31/44 [00:11<00:05, 2.54it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    98/99      4.47G    0.02427    0.01855  0.0001762          88      640:
73% 32/44 [00:11<00:04,  2.70it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    98/99      4.47G    0.02428    0.01844  0.0001995          54      640:
75% 33/44 [00:12<00:04,  2.61it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    98/99      4.47G    0.02422    0.01836  0.0001955          72      640:
77% 34/44 [00:12<00:03,  2.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    98/99      4.47G    0.02429    0.01834  0.0001933          85      640:
80% 35/44 [00:12<00:03,  2.76it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    98/99      4.47G    0.02434    0.01839  0.0001909          71      640:
82% 36/44 [00:13<00:02,  2.88it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    98/99      4.47G    0.02428    0.01843  0.0001943          91      640:
84% 37/44 [00:13<00:02,  2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    98/99      4.47G    0.02441    0.01853  0.000191          110     640:
86% 38/44 [00:13<00:01,  3.19it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    98/99      4.47G    0.02442    0.0186  0.0001882          96      640:
89% 39/44 [00:14<00:01,  2.75it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    98/99      4.47G    0.02431    0.0185  0.0001852          63      640:
91% 40/44 [00:14<00:01,  2.89it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    98/99      4.47G    0.02434    0.01843  0.0001825          64      640:
93% 41/44 [00:14<00:01,  2.72it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    98/99      4.47G    0.02432    0.01848  0.0001798          88      640:
95% 42/44 [00:15<00:00,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    98/99      4.47G      0.0243      0.0186  0.0002208      96      640:
98% 43/44 [00:15<00:00,  3.04it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    98/99      4.47G      0.02433      0.01859  0.0002174      52      640:
100% 44/44 [00:15<00:00,  2.81it/s]
      Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.50it/s]
      all      200      534      0.77      0.659      0.729
0.409
```

```
      Epoch      GPU_mem  box_loss  obj_loss  cls_loss  Instances      Size
  0% 0/44 [00:00<?, ?it/s]/content/yolov5/train.py:414: FutureWarning: `torch.c
uda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cud
a', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      99/99      4.47G      0.02251      0.02002  0.0001253      86      640:
2% 1/44 [00:00<00:09,  4.54it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      99/99      4.47G      0.0251      0.01918  0.000105      67      640:
5% 2/44 [00:00<00:11,  3.74it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      99/99      4.47G      0.02407      0.01747  0.0002426      57      640:
7% 3/44 [00:00<00:11,  3.51it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      99/99      4.47G      0.02548      0.01787  0.0002043      77      640:
9% 4/44 [00:01<00:12,  3.08it/s]/content/yolov5/train.py:414: FutureWarning: `t
orch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      99/99      4.47G      0.02522      0.01793  0.0001823      72      640:
11% 5/44 [00:01<00:12,  3.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      99/99      4.47G      0.02516      0.01832  0.00017      97      640:
14% 6/44 [00:01<00:12,  3.13it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
      99/99      4.47G      0.02459      0.01727  0.0001685      50      640:
16% 7/44 [00:02<00:15,  2.40it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
    with torch.cuda.amp.autocast(amp):
```

```

99/99      4.47G    0.02425    0.01675  0.0001557          54      640:
18% 8/44 [00:02<00:14,  2.50it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
99/99      4.47G    0.02462    0.0171  0.0001476          85      640:
20% 9/44 [00:03<00:14,  2.45it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
99/99      4.47G    0.02474    0.01717  0.0001429          69      640:
23% 10/44 [00:03<00:12,  2.80it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
99/99      4.47G    0.02463    0.01763  0.0001368          97      640:
25% 11/44 [00:03<00:11,  2.81it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
99/99      4.47G    0.02452    0.0174  0.0003309          61      640:
27% 12/44 [00:04<00:12,  2.47it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
99/99      4.47G    0.02406    0.01706  0.0003293          55      640:
30% 13/44 [00:04<00:10,  2.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
99/99      4.47G    0.02405    0.0173  0.0003102          68      640:
32% 14/44 [00:05<00:11,  2.60it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
99/99      4.47G    0.024    0.01712  0.0003077          61      640:
34% 15/44 [00:05<00:09,  2.92it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
99/99      4.47G    0.02393    0.01724  0.000294          78      640:
36% 16/44 [00:05<00:10,  2.56it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
99/99      4.47G    0.02389    0.01695  0.0002855          46      640:
39% 17/44 [00:06<00:09,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
99/99      4.47G    0.02394    0.01722  0.0003036          97      640:
41% 18/44 [00:06<00:08,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

with torch.cuda.amp.autocast(amp):
    99/99      4.47G      0.0238      0.01726  0.0003202          76          640:
43% 19/44 [00:06<00:08,  3.08it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    99/99      4.47G      0.02355      0.01739  0.0003083          90          640:
45% 20/44 [00:07<00:09,  2.51it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    99/99      4.47G      0.02371      0.01728  0.0003021          53          640:
48% 21/44 [00:07<00:08,  2.85it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    99/99      4.47G      0.02404      0.01715  0.0002911          53          640:
50% 22/44 [00:07<00:07,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    99/99      4.47G      0.02404      0.01717  0.0002826          71          640:
52% 23/44 [00:08<00:06,  3.18it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    99/99      4.47G      0.02429      0.01698  0.0002764          53          640:
55% 24/44 [00:08<00:07,  2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    99/99      4.47G      0.02424      0.01692  0.0003414          65          640:
57% 25/44 [00:08<00:06,  2.98it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    99/99      4.47G      0.02412      0.01733  0.0003312         109          640:
59% 26/44 [00:09<00:06,  2.59it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    99/99      4.47G      0.02415      0.01742  0.0003215          83          640:
61% 27/44 [00:09<00:05,  2.91it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    99/99      4.47G      0.02403      0.01746  0.0003404          81          640:
64% 28/44 [00:09<00:06,  2.64it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
with torch.cuda.amp.autocast(amp):
    99/99      4.47G      0.02417      0.01747  0.000331          66          640:
66% 29/44 [00:10<00:05,  2.97it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.

```

```

t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    99/99      4.47G    0.02412    0.01732    0.000323          50          640:
68% 30/44 [00:10<00:05,  2.67it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    99/99      4.47G    0.02419    0.01731    0.0003488          69          640:
70% 31/44 [00:10<00:04,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    99/99      4.47G    0.02427    0.01739    0.0003432          73          640:
73% 32/44 [00:11<00:04,  2.57it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    99/99      4.47G    0.02428    0.01732    0.0003354          53          640:
75% 33/44 [00:11<00:03,  2.96it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    99/99      4.47G    0.02431    0.01733    0.0003284          68          640:
77% 34/44 [00:12<00:03,  2.82it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    99/99      4.47G    0.02434    0.01757    0.0003208          121          640:
80% 35/44 [00:12<00:02,  3.05it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    99/99      4.47G    0.02447    0.01758    0.0003134          69          640:
82% 36/44 [00:12<00:03,  2.66it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    99/99      4.47G    0.02445    0.01752    0.0003096          64          640:
84% 37/44 [00:13<00:02,  2.95it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    99/99      4.47G    0.0245    0.01759    0.0003045          79          640:
86% 38/44 [00:13<00:02,  2.47it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    99/99      4.47G    0.02444    0.0177    0.0002986          90          640:
89% 39/44 [00:13<00:01,  2.69it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocas
t('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    99/99      4.47G    0.02448    0.01776    0.0002936          78          640:
91% 40/44 [00:14<00:01,  2.18it/s]/content/yolov5/train.py:414: FutureWarning:

```



```
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    99/99    4.47G    0.02455    0.01776    0.0002881          65          640:
93% 41/44 [00:14<00:01,  2.51it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    99/99    4.47G    0.02451    0.0178    0.0002827          87          640:
95% 42/44 [00:15<00:00,  2.00it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    99/99    4.47G    0.02452    0.01796    0.0002777          103          640:
98% 43/44 [00:15<00:00,  2.24it/s]/content/yolov5/train.py:414: FutureWarning:
`torch.cuda.amp.autocast(args...)` is deprecated. Please use `torch.amp.autocast('cuda', args...)` instead.
  with torch.cuda.amp.autocast(amp):
    99/99    4.47G    0.02445    0.01799    0.0002726          56          640:
100% 44/44 [00:16<00:00,  2.69it/s]
Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:02<00:00,  2.71it/s]
          all      200      534      0.765      0.66      0.73
0.409

100 epochs completed in 0.514 hours.
Optimizer stripped from runs/train/road_anomaly_yolov5s/weights/last.pt, 14.4MB
Optimizer stripped from runs/train/road_anomaly_yolov5s/weights/best.pt, 14.4MB
```

```
Validating runs/train/road_anomaly_yolov5s/weights/best.pt...
Fusing layers...
Model summary: 157 layers, 7015519 parameters, 0 gradients, 15.8 GFLOPs
Class      Images  Instances      P      R      mAP50
mAP50-95: 100% 7/7 [00:04<00:00,  1.71it/s]
          all      200      534      0.78      0.657      0.714
0.413
          obstacle      200      287      0.786      0.634      0.682
0.372
          pothole      200      247      0.774      0.68      0.747
0.454
Results saved to runs/train/road_anomaly_yolov5s
```

```
In [10]: !ls
          !find /content -name "data.yaml"

benchmarks.py      detect.py    __pycache__      road_anomalies-1  utils
CITATION.cff      export.py   pyproject.toml   runs              val.py
classify          hubconf.py  README.md        segment           yo
lov5s.pt
CONTRIBUTING.md  LICENSE     README.zh-CN.md  train.py
data              models      requirements.txt  tutorial.ipynb
/content/yolov5/road_anomalies-1/data.yaml
```

```
In [14]: !python val.py \
```

```
--weights runs/train/road_anomaly_yolov5s/weights/best.pt \
--data /content/yolov5/road_anomalies-1/data.yaml \
--img 320 \
--task test
```

**val:** data=/content/yolov5/road\_anomalies-1/data.yaml, weights=['runs/train/road\_anomaly\_yolov5s/weights/best.pt'], batch\_size=32, imgsz=320, conf\_thres=0.001, iou\_thres=0.6, max\_det=300, task=test, device=, workers=8, single\_cls=False, augment=False, verbose=False, save\_txt=False, save\_hybrid=False, save\_conf=False, save\_json=False, project=runs/val, name=exp, exist\_ok=False, half=False, dnn=False  
YOLOv5 🚀 v7.0-457-g84ef1e59 Python-3.12.12 torch-2.9.0+cu126 CUDA:0 (Tesla T4, 15095MiB)

Fusing layers...

Model summary: 157 layers, 7015519 parameters, 0 gradients, 15.8 GFLOPs

**test:** Scanning /content/yolov5/road\_anomalies-1/test/labels... 100 images, 0 backgrounds, 0 corrupt: 100% 100/100 [00:00<00:00, 1117.98it/s]

**test:** New cache created: /content/yolov5/road\_anomalies-1/test/labels.cache

	Class	Images	Instances	P	R	mAP50
mAP50-95: 100% 4/4 [00:02<00:00, 1.52it/s]						
	all	100	305	0.731	0.616	0.66
0.367						
	obstacle	100	165	0.724	0.588	0.63
0.311						
	pothole	100	140	0.738	0.644	0.69
0.424						

Speed: 0.2ms pre-process, 5.8ms inference, 7.4ms NMS per image at shape (32, 3, 320, 320)

Results saved to **runs/val/exp2**

```
In [20]: import os
         folder_name = "model_testing_results"
         file_name = "metrics.txt"
         file_path = os.path.join(folder_name, file_name)
```

```
In [21]: !python detect.py \
         --weights runs/train/road_anomaly_yolov5s/weights/best.pt \
         --source /content/yolov5/road_anomalies-1/test/images \
         --img 320 \
         --conf 0.5
```

**detect:** weights=['runs/train/road\_anomaly\_yolov5s/weights/best.pt'], source=/content/yolov5/road\_anomalies-1/test/images, data=data/coco128.yaml, imgsiz=[320, 320], conf\_thres=0.5, iou\_thres=0.45, max\_det=1000, device=, view\_img=False, save\_txt=False, save\_format=0, save\_csv=False, save\_conf=False, save\_crop=False, nosave=False, classes=None, agnostic\_nms=False, augment=False, visualize=False, update=False, project=runs/detect, name=exp, exist\_ok=False, line\_thickness=3, hide\_labels=False, hide\_conf=False, half=False, dnn=False, vid\_stride=1  
YOLOv5 🚀 v7.0-457-g84ef1e59 Python-3.12.12 torch-2.9.0+cu126 CUDA:0 (Tesla T4, 15095MiB)

Fusing layers...

Model summary: 157 layers, 7015519 parameters, 0 gradients, 15.8 GFLOPs

image 1/100 /content/yolov5/road\_anomalies-1/test/images/10\_jpeg.rf.6aad0924ec3018114118ced81434f59f.jpg: 320x320 2 obstacles, 5.5ms  
image 2/100 /content/yolov5/road\_anomalies-1/test/images/117\_jpeg.rf.91e05acea83aff0961bd5778b6f36e77.jpg: 320x320 2 obstacles, 2 potholes, 5.8ms  
image 3/100 /content/yolov5/road\_anomalies-1/test/images/11\_jpeg.rf.c8ac0e276ed21caf696766aaaf19d510.jpg: 320x320 1 obstacle, 5.5ms  
image 4/100 /content/yolov5/road\_anomalies-1/test/images/127\_jpeg.rf.7b78f7a368eaf968968067b63b22f5da.jpg: 320x320 (no detections), 5.9ms  
image 5/100 /content/yolov5/road\_anomalies-1/test/images/138\_jpeg.rf.3ddeb793f54f32ebb2bf479e56bea9a5.jpg: 320x320 4 obstacles, 5.5ms  
image 6/100 /content/yolov5/road\_anomalies-1/test/images/141\_jpeg.rf.69eff07a2895005633f6ba1e759d1db9.jpg: 320x320 (no detections), 5.5ms  
image 7/100 /content/yolov5/road\_anomalies-1/test/images/146\_jpeg.rf.e9bf541ae6483b30c4290a49308b77be.jpg: 320x320 4 obstacles, 5.5ms  
image 8/100 /content/yolov5/road\_anomalies-1/test/images/155\_jpeg.rf.df8e258d0c858cc240328ac83b79c9e4.jpg: 320x320 (no detections), 5.5ms  
image 9/100 /content/yolov5/road\_anomalies-1/test/images/16\_jpeg.rf.43abf6661c0f128b9957e8bfb6cb9df1.jpg: 320x320 1 obstacle, 5.5ms  
image 10/100 /content/yolov5/road\_anomalies-1/test/images/162\_jpeg.rf.ce4d8d724cdd8251e4a20cd138f6cc1e.jpg: 320x320 4 obstacles, 5.5ms  
image 11/100 /content/yolov5/road\_anomalies-1/test/images/174\_jpeg.rf.0bee3c3b91a6bcb8c72e3214ba223b48.jpg: 320x320 3 obstacles, 5.5ms  
image 12/100 /content/yolov5/road\_anomalies-1/test/images/179\_jpeg.rf.f33140099bee4c6772edd1bcf5b6f6ce0.jpg: 320x320 4 obstacles, 5.5ms  
image 13/100 /content/yolov5/road\_anomalies-1/test/images/182\_jpeg.rf.d8768315b2126539c02efa578131ce94.jpg: 320x320 2 obstacles, 5.5ms  
image 14/100 /content/yolov5/road\_anomalies-1/test/images/20\_jpeg.rf.83001dc04c34528c726de639bf9ae040.jpg: 320x320 4 obstacles, 5.5ms  
image 15/100 /content/yolov5/road\_anomalies-1/test/images/22\_jpeg.rf.f28ade26d7ae39899a81a9d8186a4cc2.jpg: 320x320 4 obstacles, 5.5ms  
image 16/100 /content/yolov5/road\_anomalies-1/test/images/45\_jpeg.rf.0f021103e76aaa604f16c4bf0a05e3bd.jpg: 320x320 (no detections), 5.5ms  
image 17/100 /content/yolov5/road\_anomalies-1/test/images/45\_jpeg.rf.610cdac5f863f9664e25610f4f9b8318.jpg: 320x320 1 obstacle, 5.5ms  
image 18/100 /content/yolov5/road\_anomalies-1/test/images/5\_jpeg.rf.ffa622b1a4f8c9475826a8710ee7868d4.jpg: 320x320 1 obstacle, 2 potholes, 5.5ms  
image 19/100 /content/yolov5/road\_anomalies-1/test/images/7\_jpeg.rf.a427a2252ce2adfd8db6632ade106033c.jpg: 320x320 1 obstacle, 5.5ms  
image 20/100 /content/yolov5/road\_anomalies-1/test/images/97\_png.rf.895699600468ee837a8e9b3d40e2db84.jpg: 320x320 1 obstacle, 5.5ms  
image 21/100 /content/yolov5/road\_anomalies-1/test/images/China\_MotorBike\_000010\_jpg.rf.a2aa5ae6eebf15a2df6df08ac8162154.jpg: 320x320 (no detections), 8.3ms

image 22/100 /content/yolov5/road\_anomalies-1/test/images/China\_MotorBike\_000014\_jpg.rf.da586479ed687ce63cda2535820ef8a0.jpg: 320x320 1 obstacle, 8.9ms  
image 23/100 /content/yolov5/road\_anomalies-1/test/images/China\_MotorBike\_000015\_jpg.rf.e6b23aa4eb69b5e7fd342079127801f5.jpg: 320x320 1 obstacle, 8.8ms  
image 24/100 /content/yolov5/road\_anomalies-1/test/images/China\_MotorBike\_000029\_jpg.rf.9ee4f2f98ebffd9d0b9951b4482a00d9.jpg: 320x320 1 obstacle, 9.3ms  
image 25/100 /content/yolov5/road\_anomalies-1/test/images/China\_MotorBike\_000050\_jpg.rf.4ba283b0c68202662d1f0987c8b79b17.jpg: 320x320 1 obstacle, 8.2ms  
image 26/100 /content/yolov5/road\_anomalies-1/test/images/China\_MotorBike\_000056\_jpg.rf.3d6e0c1c176d369d5af61579b23139f5.jpg: 320x320 (no detections), 8.7ms  
image 27/100 /content/yolov5/road\_anomalies-1/test/images/China\_MotorBike\_000058\_jpg.rf.60ef31b56c5e988200d1911f6ea83357.jpg: 320x320 1 obstacle, 9.4ms  
image 28/100 /content/yolov5/road\_anomalies-1/test/images/China\_MotorBike\_000059\_jpg.rf.6123b15d40a8697b13b317398daaf754.jpg: 320x320 2 obstacles, 6.8ms  
image 29/100 /content/yolov5/road\_anomalies-1/test/images/China\_MotorBike\_000065\_jpg.rf.61e4264dc7bebedbc45487300bf15f01.jpg: 320x320 1 obstacle, 6.6ms  
image 30/100 /content/yolov5/road\_anomalies-1/test/images/China\_MotorBike\_000067\_jpg.rf.e153507680d9289a6ca655e346f6ff73.jpg: 320x320 2 obstacles, 6.1ms  
image 31/100 /content/yolov5/road\_anomalies-1/test/images/China\_MotorBike\_000134\_jpg.rf.02f86f79fd1fd0cbe75dfd68ed14d417.jpg: 320x320 2 obstacles, 6.3ms  
image 32/100 /content/yolov5/road\_anomalies-1/test/images/China\_MotorBike\_000135\_jpg.rf.7b5f37aeda6ba1954432669dc62b90d5.jpg: 320x320 1 obstacle, 6.2ms  
image 33/100 /content/yolov5/road\_anomalies-1/test/images/China\_MotorBike\_000138\_jpg.rf.7537fe9f97ec4219386834394bfa6d4e.jpg: 320x320 1 obstacle, 8.9ms  
image 34/100 /content/yolov5/road\_anomalies-1/test/images/China\_MotorBike\_000172\_jpg.rf.1a758baafab5cd75ebf7f9baled42663.jpg: 320x320 (no detections), 6.7ms  
image 35/100 /content/yolov5/road\_anomalies-1/test/images/Fallen\_trees-3-\_jpg.rf.ff8e339a17fd49d4e85280081d6b94b2.jpg: 320x320 1 obstacle, 6.6ms  
image 36/100 /content/yolov5/road\_anomalies-1/test/images/Fallen\_trees-30-\_jpg.rf.3453e59e0e50ad8dbcd3cfa252636ffd.jpg: 320x320 (no detections), 7.7ms  
image 37/100 /content/yolov5/road\_anomalies-1/test/images/Fallen\_trees-4-\_jpg.rf.37e8b475724ea27aedbe36e6064b629c.jpg: 320x320 1 obstacle, 7.5ms  
image 38/100 /content/yolov5/road\_anomalies-1/test/images/photo\_2\_2024-11-04\_15-47-54\_jpg.rf.b3863e1cd6fcl1a2c16ecdd5ae84c7d41.jpg: 320x320 1 obstacle, 10.5ms  
image 39/100 /content/yolov5/road\_anomalies-1/test/images/potholes101\_png.rf.633c589cc68303cd9757c319940e70d5.jpg: 320x320 1 pothole, 6.9ms  
image 40/100 /content/yolov5/road\_anomalies-1/test/images/potholes103\_png.rf.f5ca23c6c1841627915744f9a49d52fd.jpg: 320x320 1 pothole, 6.2ms  
image 41/100 /content/yolov5/road\_anomalies-1/test/images/potholes104\_png.rf.63cc432e565eea2b2d66464f412ce8dd.jpg: 320x320 1 pothole, 6.9ms  
image 42/100 /content/yolov5/road\_anomalies-1/test/images/potholes125\_png.rf.7acb8a89eda1023b8ee7e0396f529e87.jpg: 320x320 1 pothole, 6.2ms  
image 43/100 /content/yolov5/road\_anomalies-1/test/images/potholes129\_png.rf.28bd6fdd7f14e3ad3b328f157cdb7c38.jpg: 320x320 1 pothole, 6.2ms  
image 44/100 /content/yolov5/road\_anomalies-1/test/images/potholes162\_png.rf.8ddc2e9aedc694827693d954fca06e41.jpg: 320x320 2 potholes, 8.2ms  
image 45/100 /content/yolov5/road\_anomalies-1/test/images/potholes199\_png.rf.3389e02c6de0bcc89d077c7a0c4de02.jpg: 320x320 1 pothole, 6.7ms  
image 46/100 /content/yolov5/road\_anomalies-1/test/images/potholes203\_png.rf.44ab6d62e5dceff5876a6933dd0a9992.jpg: 320x320 3 potholes, 6.9ms  
image 47/100 /content/yolov5/road\_anomalies-1/test/images/potholes205\_png.rf.82d3db1999695bda600f4b86e8573f76.jpg: 320x320 6 potholes, 6.7ms  
image 48/100 /content/yolov5/road\_anomalies-1/test/images/potholes219\_png.rf.0f1ce2cdf331613f1798918cc62c637d.jpg: 320x320 2 potholes, 6.7ms

image 49/100 /content/yolov5/road\_anomalies-1/test/images/potholes21\_png.rf.418  
ce8104709c64d7d118d4fd2c56930.jpg: 320x320 2 potholes, 7.6ms  
image 50/100 /content/yolov5/road\_anomalies-1/test/images/potholes220\_png.rf.b4  
aa56d4f9dca82945b6a1c034b71a6b.jpg: 320x320 1 pothole, 6.7ms  
image 51/100 /content/yolov5/road\_anomalies-1/test/images/potholes228\_png.rf.1f  
54c504e532edb180e1f7ca99979394.jpg: 320x320 1 pothole, 6.6ms  
image 52/100 /content/yolov5/road\_anomalies-1/test/images/potholes232\_png.rf.27  
13c5437d88ba41fe519660292d005d.jpg: 320x320 1 pothole, 6.6ms  
image 53/100 /content/yolov5/road\_anomalies-1/test/images/potholes285\_png.rf.2a  
709d6a0bc846a4efbe845bc5c3a121.jpg: 320x320 1 pothole, 6.6ms  
image 54/100 /content/yolov5/road\_anomalies-1/test/images/potholes291\_png.rf.2a  
05a170d129557d52b4558eb1132efe.jpg: 320x320 (no detections), 6.7ms  
image 55/100 /content/yolov5/road\_anomalies-1/test/images/potholes320\_png.rf.de  
07e90f4af61a731a935bcfa16638a4.jpg: 320x320 3 potholes, 6.9ms  
image 56/100 /content/yolov5/road\_anomalies-1/test/images/potholes322\_png.rf.7d  
1b6f693babe1ff8242e2aaa371f9ac.jpg: 320x320 1 pothole, 6.6ms  
image 57/100 /content/yolov5/road\_anomalies-1/test/images/potholes330\_png.rf.33  
28ea89e9facc569facf322b05b1125.jpg: 320x320 4 potholes, 6.6ms  
image 58/100 /content/yolov5/road\_anomalies-1/test/images/potholes33\_png.rf.c25  
2567d7b8874c6406d4d8ce8b9aa3b.jpg: 320x320 1 pothole, 6.5ms  
image 59/100 /content/yolov5/road\_anomalies-1/test/images/potholes34\_png.rf.e34  
7df914982b98dc57ca7cb0d2cf48c.jpg: 320x320 1 pothole, 6.7ms  
image 60/100 /content/yolov5/road\_anomalies-1/test/images/potholes350\_png.rf.65  
99c208fe2455bb5c42fb45220c1145.jpg: 320x320 2 potholes, 7.1ms  
image 61/100 /content/yolov5/road\_anomalies-1/test/images/potholes378\_png.rf.03  
14d8254154a09286edbb19c4d1b9e8.jpg: 320x320 1 pothole, 7.0ms  
image 62/100 /content/yolov5/road\_anomalies-1/test/images/potholes433\_png.rf.11  
94cf6d2814eca851ealfc1b9536583.jpg: 320x320 4 potholes, 6.8ms  
image 63/100 /content/yolov5/road\_anomalies-1/test/images/potholes436\_png.rf.0f  
a4c9941346812b97652181da9c9bd5.jpg: 320x320 1 pothole, 6.6ms  
image 64/100 /content/yolov5/road\_anomalies-1/test/images/potholes43\_png.rf.82c  
ala0e82c06968104e2be826daaf39.jpg: 320x320 1 pothole, 6.7ms  
image 65/100 /content/yolov5/road\_anomalies-1/test/images/potholes442\_png.rf.0e  
2a6289f9d39d4edd9390675a0b748c.jpg: 320x320 1 pothole, 7.0ms  
image 66/100 /content/yolov5/road\_anomalies-1/test/images/potholes449\_png.rf.e3  
15adec06abd7b0c8d0d0d95c723818.jpg: 320x320 2 potholes, 8.3ms  
image 67/100 /content/yolov5/road\_anomalies-1/test/images/potholes453\_png.rf.82  
3a8cedefc1cfc5ab83691f079a14cc.jpg: 320x320 1 pothole, 8.4ms  
image 68/100 /content/yolov5/road\_anomalies-1/test/images/potholes466\_png.rf.54  
e8d99f72df0f1f6355c83f81223000.jpg: 320x320 1 pothole, 8.1ms  
image 69/100 /content/yolov5/road\_anomalies-1/test/images/potholes46\_png.rf.cfc  
bb731fc0f6ce73bbbf17c62cafa2.jpg: 320x320 2 potholes, 6.7ms  
image 70/100 /content/yolov5/road\_anomalies-1/test/images/potholes471\_png.rf.82  
1f7b10d8188e0f0b79cee3d04d2a34.jpg: 320x320 1 pothole, 6.6ms  
image 71/100 /content/yolov5/road\_anomalies-1/test/images/potholes481\_png.rf.fd  
f20334a777c654d697d0e26e69abdb.jpg: 320x320 3 potholes, 9.6ms  
image 72/100 /content/yolov5/road\_anomalies-1/test/images/potholes485\_png.rf.f1  
4d93d73e846d7873923efdbb07a3e0.jpg: 320x320 (no detections), 6.7ms  
image 73/100 /content/yolov5/road\_anomalies-1/test/images/potholes504\_png.rf.dd  
4b0824a002b3ff7f86db13261d7feb.jpg: 320x320 1 pothole, 7.1ms  
image 74/100 /content/yolov5/road\_anomalies-1/test/images/potholes50\_png.rf.93e  
e85f7d9b5fcc3a5bd52d8ca71de12.jpg: 320x320 1 pothole, 6.4ms  
image 75/100 /content/yolov5/road\_anomalies-1/test/images/potholes520\_png.rf.e6  
5e264f3361d2d68f4cc95a68ca2e3e.jpg: 320x320 16 potholes, 6.1ms

image 76/100 /content/yolov5/road\_anomalies-1/test/images/potholes523\_png.rf.1d730a940d8659bcebd9085a37724acf.jpg: 320x320 2 potholes, 6.1ms  
image 77/100 /content/yolov5/road\_anomalies-1/test/images/potholes535\_png.rf.b92ed1262533b249ef18a2328295f97b.jpg: 320x320 2 potholes, 6.6ms  
image 78/100 /content/yolov5/road\_anomalies-1/test/images/potholes537\_png.rf.7ce19910d7d8e7dceb5f3b63dde00094.jpg: 320x320 1 pothole, 7.8ms  
image 79/100 /content/yolov5/road\_anomalies-1/test/images/potholes539\_png.rf.5bd440978eb03db0257128289481b539.jpg: 320x320 1 pothole, 6.4ms  
image 80/100 /content/yolov5/road\_anomalies-1/test/images/potholes545\_png.rf.3c541979450a58f6b5890f16ddb61a99.jpg: 320x320 1 pothole, 6.2ms  
image 81/100 /content/yolov5/road\_anomalies-1/test/images/potholes551\_png.rf.de d1e87bb7debf265079e89ae972828b.jpg: 320x320 1 pothole, 6.3ms  
image 82/100 /content/yolov5/road\_anomalies-1/test/images/potholes553\_png.rf.f1eeff7cc9c7a628e1af1e93adbf3949.jpg: 320x320 1 pothole, 6.2ms  
image 83/100 /content/yolov5/road\_anomalies-1/test/images/potholes573\_png.rf.c29efd91589bbc61371ec2f68fd1495e.jpg: 320x320 1 pothole, 6.2ms  
image 84/100 /content/yolov5/road\_anomalies-1/test/images/potholes57\_png.rf.954840b61e0959266f9f45cd25739944.jpg: 320x320 1 pothole, 6.2ms  
image 85/100 /content/yolov5/road\_anomalies-1/test/images/potholes586\_png.rf.fe932ed7b4ce97cc13bd1180334304c3.jpg: 320x320 2 potholes, 6.2ms  
image 86/100 /content/yolov5/road\_anomalies-1/test/images/potholes589\_png.rf.90e12e2adc4699397c56608ed24523ce.jpg: 320x320 1 pothole, 6.4ms  
image 87/100 /content/yolov5/road\_anomalies-1/test/images/potholes612\_png.rf.864a6e7ce60046bc7f684ca82ebf4029.jpg: 320x320 1 pothole, 6.2ms  
image 88/100 /content/yolov5/road\_anomalies-1/test/images/potholes636\_png.rf.25abl1c6a1b8b46beeaaf000c03d51296.jpg: 320x320 (no detections), 6.1ms  
image 89/100 /content/yolov5/road\_anomalies-1/test/images/yt-Sdn5VdJqRac-0115\_jpg.rf.5ac2e6b120e857e3b970acd82480bc53.jpg: 320x320 1 obstacle, 6.0ms  
image 90/100 /content/yolov5/road\_anomalies-1/test/images/yt-Sdn5VdJqRac-0135\_jpg.rf.0f9d5bab85f39e5e8384a9a8ca6201e6.jpg: 320x320 3 obstacles, 6.0ms  
image 91/100 /content/yolov5/road\_anomalies-1/test/images/yt-Sdn5VdJqRac-0146\_jpg.rf.2da8b5879a8f9ea4f3adc71bafa7259a.jpg: 320x320 4 obstacles, 9.9ms  
image 92/100 /content/yolov5/road\_anomalies-1/test/images/yt-Sdn5VdJqRac-0231\_jpg.rf.6117belale8270154769da97031301e9.jpg: 320x320 4 obstacles, 6.2ms  
image 93/100 /content/yolov5/road\_anomalies-1/test/images/yt-Sdn5VdJqRac-0249\_jpg.rf.4d92ff37b5f3a50e47912066cc2a786e.jpg: 320x320 3 obstacles, 6.1ms  
image 94/100 /content/yolov5/road\_anomalies-1/test/images/yt-Sdn5VdJqRac-0269\_jpg.rf.9e152505105461f355eea0c0f9217526.jpg: 320x320 4 obstacles, 6.1ms  
image 95/100 /content/yolov5/road\_anomalies-1/test/images/yt-Sdn5VdJqRac-0272\_jpg.rf.4283c7673d9aaelab270edbe32b633d0.jpg: 320x320 4 obstacles, 7.1ms  
image 96/100 /content/yolov5/road\_anomalies-1/test/images/yt-Sdn5VdJqRac-0308\_jpg.rf.e8f6d3c466868d2d4b6aa23296a2c5f7.jpg: 320x320 2 obstacles, 7.9ms  
image 97/100 /content/yolov5/road\_anomalies-1/test/images/yt-k33z6JeCvdc-0212\_jpg.rf.84f50c8c3d0f97df0cdfc17bbebd936b.jpg: 320x320 (no detections), 6.9ms  
image 98/100 /content/yolov5/road\_anomalies-1/test/images/yt-k33z6JeCvdc-0218\_jpg.rf.daeb0babf07f795630d31d30d8cd997b.jpg: 320x320 7 obstacles, 6.2ms  
image 99/100 /content/yolov5/road\_anomalies-1/test/images/yt-k33z6JeCvdc-0222\_jpg.rf.de87ff6bb0e44095a93ffd95840b73d5.jpg: 320x320 6 obstacles, 6.9ms  
image 100/100 /content/yolov5/road\_anomalies-1/test/images/yt-k33z6JeCvdc-0302\_jpg.rf.cd9b9478a72d7bb585d4bd0b02fb85d7.jpg: 320x320 5 obstacles, 9.0ms  
Speed: 0.3ms pre-process, 6.8ms inference, 2.2ms NMS per image at shape (1, 3, 320, 320)

Results saved to **runs/detect/exp**

```
In [22]: !python export.py \  
         --weights runs/train/road_anomaly_yolov5s/weights/best.pt \  
         --img 320 \  
         --batch 1 \  
         --device cpu \  
         --include onnx
```

**export:** data=data/coco128.yaml, weights=['runs/train/road\_anomaly\_yolov5s/weights/best.pt'], imgsz=[320], batch\_size=1, device=cpu, half=False, inplace=False, keras=False, optimize=False, int8=False, per\_tensor=False, dynamic=False, cache=True, simplify=False, mlmodel=False, opset=17, verbose=False, workspace=4, nms=False, agnostic\_nms=False, topk\_per\_class=100, topk\_all=100, iou\_thres=0.45, conf\_thres=0.25, include=['onnx']  
YOLOv5 🚀 v7.0-457-g84ef1e59 Python-3.12.12 torch-2.9.0+cu126 CPU

Fusing layers...

Model summary: 157 layers, 7015519 parameters, 0 gradients, 15.8 GFLOPs

**PyTorch:** starting from runs/train/road\_anomaly\_yolov5s/weights/best.pt with output shape (1, 6300, 7) (13.8 MB)

**requirements:** Ultralytics requirements ['onnx>=1.12.0', 'onnxscript'] not found, attempting AutoUpdate...

Using Python 3.12.12 environment at: /usr

Resolved 8 packages in 184ms

Prepared 3 packages in 1.14s

Installed 3 packages in 257ms

+ onnx==1.20.1

+ onnx-ir==0.1.14

+ onnxscript==0.5.7

**requirements:** AutoUpdate success ✅ 2.2s

**WARNING** ⚠ **requirements:** Restart runtime or rerun command for updates to take effect

**ONNX:** starting export with onnx 1.20.1...

W0117 07:28:48.735000 16446 torch/onnx/\_internal/exporter/\_compat.py:114] Setting ONNX exporter to use operator set version 18 because the requested opset\_version 17 is a lower version than we have implementations for. Automatic version conversion will be performed, which may not be successful at converting to the requested version. If version conversion is unsuccessful, the opset version of the exported model will be kept at 18. Please consider setting opset\_version >=18 to leverage latest ONNX features

The model version conversion is not supported by the onnxscript version converter and fallback is enabled. The model will be converted using the onnx C API (target version: 17).

Failed to convert the model to the target version 17 using the ONNX C API. The model was not modified

Traceback (most recent call last):

File "/usr/local/lib/python3.12/dist-packages/onnxscript/version\_converter/\_init\_.py", line 127, in call

converted\_proto = \_c\_api\_utils.call\_onnx\_api(  
~~~~~

File "/usr/local/lib/python3.12/dist-packages/onnxscript/version\_converter/\_c\_api\_utils.py", line 65, in call\_onnx\_api

result = func(proto)  
~~~~~


File "/usr/local/lib/python3.12/dist-packages/onnxscript/version\_converter/\_init\_.py", line 122, in \_partial\_convert\_version

return onnx.version\_converter.convert\_version(  
~~~~~



File "/usr/local/lib/python3.12/dist-packages/onnx/version\_converter.py", line 39, in convert\_version

```
    converted_model_str = C.convert_version(model_str, target_version)
    ~~~~~
```

RuntimeError: /github/workspace/onnx/version\_converter/BaseConverter.h:65: adapter\_lookup: Assertion `false` failed: No Adapter To Version \$17 for Resize  
**ONNX:** export success  7.2s, saved as runs/train/road\_anomaly\_yolov5s/weights/best.onnx (27.2 MB)

Export complete (7.6s)

Results saved to **/content/yolov5/runs/train/road\_anomaly\_yolov5s/weights**

Detect: python detect.py --weights runs/train/road\_anomaly\_yolov5s/weights/best.onnx

Validate: python val.py --weights runs/train/road\_anomaly\_yolov5s/weights/best.onnx

PyTorch Hub: model = torch.hub.load('ultralytics/yolov5', 'custom', 'runs/train/road\_anomaly\_yolov5s/weights/best.onnx')

Visualize: <https://netron.app>

```
In [23]: !python export.py \
         --weights runs/train/road_anomaly_yolov5s/weights/best.pt \
         --img 320 \
         --batch 1 \
         --device cpu \
         --include tflite
```

**export:** data=data/coco128.yaml, weights=['runs/train/road\_anomaly\_yolov5s/weights/best.pt'], imgsz=[320], batch\_size=1, device=cpu, half=False, inplace=False, keras=False, optimize=False, int8=False, per\_tensor=False, dynamic=False, cache=True, simplify=False, mlmodel=False, opset=17, verbose=False, workspace=4, nms=False, agnostic\_nms=False, topk\_per\_class=100, topk\_all=100, iou\_thres=0.45, conf\_thres=0.25, include=['tflite']  
YOLOv5 🚀 v7.0-457-g84ef1e59 Python-3.12.12 torch-2.9.0+cu126 CPU

Fusing layers...

Model summary: 157 layers, 7015519 parameters, 0 gradients, 15.8 GFLOPs

**PyTorch:** starting from runs/train/road\_anomaly\_yolov5s/weights/best.pt with output shape (1, 6300, 7) (13.8 MB)

2026-01-17 07:30:25.559092: E external/local\_xla/xla/stream\_executor/cuda/cuda\_fft.cc:467] Unable to register cuFFT factory: Attempting to register factory for plugin cuFFT when one has already been registered

WARNING: All log messages before absl::InitializeLog() is called are written to STDERR

E0000 00:00:1768635025.576329 16886 cuda\_dnn.cc:8579] Unable to register cuDNN factory: Attempting to register factory for plugin cuDNN when one has already been registered

E0000 00:00:1768635025.582015 16886 cuda\_blas.cc:1407] Unable to register cuBLAS factory: Attempting to register factory for plugin cuBLAS when one has already been registered

W0000 00:00:1768635025.597607 16886 computation\_placer.cc:177] computation placer already registered. Please check linkage and avoid linking the same target more than once.

W0000 00:00:1768635025.597632 16886 computation\_placer.cc:177] computation placer already registered. Please check linkage and avoid linking the same target more than once.

W0000 00:00:1768635025.597636 16886 computation\_placer.cc:177] computation placer already registered. Please check linkage and avoid linking the same target more than once.

W0000 00:00:1768635025.597641 16886 computation\_placer.cc:177] computation placer already registered. Please check linkage and avoid linking the same target more than once.

**TensorFlow SavedModel:** starting export with tensorflow 2.19.0...

WARNING ⚠ using Tensorflow 2.19.0 > 2.13.1 might cause issue when exporting the model to tflite <https://github.com/ultralytics/yolov5/issues/12489>

|                             | from | n | params | module                                                           | arg                                                                                                                          |
|-----------------------------|------|---|--------|------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| uments                      |      |   |        |                                                                  |                                                                                                                              |
| 2026-01-17 07:30:32.329206: | E    |   |        | external/local_xla/xla/stream_executor/cuda/cuda_platform.cc:51] | failed call to cuInit: INTERNAL: CUDA error: Failed call to cuInit: CUDA_ERROR_NO_DEVICE: no CUDA-capable device is detected |
| 0                           | -1   | 1 | 3520   | models.common.Conv                                               | [3,                                                                                                                          |
| 32, 6, 2, 2]                |      |   |        |                                                                  |                                                                                                                              |
| 1                           | -1   | 1 | 18560  | models.common.Conv                                               | [3                                                                                                                           |
| 2, 64, 3, 2]                |      |   |        |                                                                  |                                                                                                                              |
| 2                           | -1   | 1 | 18816  | models.common.C3                                                 | [6                                                                                                                           |
| 4, 64, 1]                   |      |   |        |                                                                  |                                                                                                                              |
| 3                           | -1   | 1 | 73984  | models.common.Conv                                               | [6                                                                                                                           |
| 4, 128, 3, 2]               |      |   |        |                                                                  |                                                                                                                              |

```

4          -1  1    115712  models.common.C3                      [12
8, 128, 2]
5          -1  1    295424  models.common.Conv                      [12
8, 256, 3, 2]
6          -1  1    625152  models.common.C3                      [25
6, 256, 3]
7          -1  1   1180672  models.common.Conv                      [25
6, 512, 3, 2]
8          -1  1   1182720  models.common.C3                      [51
2, 512, 1]
9          -1  1    656896  models.common.SPPF                      [51
2, 512, 5]
10         -1  1    131584  models.common.Conv                      [51
2, 256, 1, 1]
11         -1  1         0  torch.nn.modules.upsampling.Upsample  [No
ne, 2, 'nearest']
12         [-1, 6]  1         0  models.common.Concat                      [1]
13         -1  1    361984  models.common.C3                      [51
2, 256, 1, False]
14         -1  1     33024  models.common.Conv                      [25
6, 128, 1, 1]
15         -1  1         0  torch.nn.modules.upsampling.Upsample  [No
ne, 2, 'nearest']
16         [-1, 4]  1         0  models.common.Concat                      [1]
17         -1  1    90880  models.common.C3                      [25
6, 128, 1, False]
18         -1  1    147712  models.common.Conv                      [12
8, 128, 3, 2]
19         [-1, 14]  1         0  models.common.Concat                      [1]
20         -1  1    296448  models.common.C3                      [25
6, 256, 1, False]
21         -1  1    590336  models.common.Conv                      [25
6, 256, 3, 2]
22         [-1, 10]  1         0  models.common.Concat                      [1]
23         -1  1   1182720  models.common.C3                      [51
2, 512, 1, False]
24         [17, 20, 23]  1    18879  models.yolo.Detect                      [2,
[[10, 13, 16, 30, 33, 23], [30, 61, 62, 45, 59, 119], [116, 90, 156, 198, 373,
326]], [128, 256, 512], [320, 320]]

```

Model: "functional\_15"

| Layer (type)                   | Output Shape      | Param # | Connected to        |
|--------------------------------|-------------------|---------|---------------------|
| input_layer_15<br>(InputLayer) | (1, 320, 320, 3)  | 0       | -                   |
| tf_conv (TFConv)               | (1, 160, 160, 32) | 3,488   | input_layer_15[0... |
| tf_conv_1 (TFConv)             | (1, 80, 80, 64)   | 18,496  | tf_conv[0][0]       |
| tfc3 (TFC3)                    | (1, 80, 80, 64)   | 18,624  | tf_conv_1[0][0]     |
| tf_conv_7 (TFConv)             | (1, 40, 40, 128)  | 73,856  | tfc3[0][0]          |

|                               |                  |           |                                                |
|-------------------------------|------------------|-----------|------------------------------------------------|
| tfc3_1 (TFC3)                 | (1, 40, 40, 128) | 115,200   | tf_conv_7[0][0]                                |
| tf_conv_15 (TFConv)           | (1, 20, 20, 256) | 295,168   | tfc3_1[0][0]                                   |
| tfc3_2 (TFC3)                 | (1, 20, 20, 256) | 623,872   | tf_conv_15[0][0]                               |
| tf_conv_25 (TFConv)           | (1, 10, 10, 512) | 1,180,160 | tfc3_2[0][0]                                   |
| tfc3_3 (TFC3)                 | (1, 10, 10, 512) | 1,181,184 | tf_conv_25[0][0]                               |
| tfspvf (TFSPPF)               | (1, 10, 10, 512) | 656,128   | tfc3_3[0][0]                                   |
| tf_conv_33 (TFConv)           | (1, 10, 10, 256) | 131,328   | tfspvf[0][0]                                   |
| tf_upsample<br>(TFUpsample)   | (1, 20, 20, 256) | 0         | tf_conv_33[0][0]                               |
| tf_concat<br>(TFConcat)       | (1, 20, 20, 512) | 0         | tf_upsample[0][0]...<br>tfc3_2[0][0]           |
| tfc3_4 (TFC3)                 | (1, 20, 20, 256) | 361,216   | tf_concat[0][0]                                |
| tf_conv_39 (TFConv)           | (1, 20, 20, 128) | 32,896    | tfc3_4[0][0]                                   |
| tf_upsample_1<br>(TFUpsample) | (1, 40, 40, 128) | 0         | tf_conv_39[0][0]                               |
| tf_concat_1<br>(TFConcat)     | (1, 40, 40, 256) | 0         | tf_upsample_1[0]...<br>tfc3_1[0][0]            |
| tfc3_5 (TFC3)                 | (1, 40, 40, 128) | 90,496    | tf_concat_1[0][0]                              |
| tf_conv_45 (TFConv)           | (1, 20, 20, 128) | 147,584   | tfc3_5[0][0]                                   |
| tf_concat_2<br>(TFConcat)     | (1, 20, 20, 256) | 0         | tf_conv_45[0][0],<br>tf_conv_39[0][0]          |
| tfc3_6 (TFC3)                 | (1, 20, 20, 256) | 295,680   | tf_concat_2[0][0]                              |
| tf_conv_51 (TFConv)           | (1, 10, 10, 256) | 590,080   | tfc3_6[0][0]                                   |
| tf_concat_3<br>(TFConcat)     | (1, 10, 10, 512) | 0         | tf_conv_51[0][0],<br>tf_conv_33[0][0]          |
| tfc3_7 (TFC3)                 | (1, 10, 10, 512) | 1,181,184 | tf_concat_3[0][0]                              |
| tf_detect<br>(TFDetect)       | (1, 6300, 7)     | 18,879    | tfc3_5[0][0],<br>tfc3_6[0][0],<br>tfc3_7[0][0] |

**Total params:** 7,015,519 (26.76 MB)

**Trainable params:** 0 (0.00 B)

**Non-trainable params:** 7,015,519 (26.76 MB)

I0000 00:00:1768635036.476214 16886 devices.cc:67] Number of eligible GPUs (c

```
ore count >= 8, compute capability >= 0.0): 0
WARNING: All log messages before absl::InitializeLog() is called are written to
STDERR
I0000 00:00:1768635036.476417    16886 single_machine.cc:374] Starting new sessi
on
TensorFlow SavedModel: export success ✓ 14.4s, saved as runs/train/road_anomal
y_yolov5s/weights/best_saved_model (27.1 MB)
```

**TensorFlow Lite:** starting export with tensorflow 2.19.0...  
Saved artifact at '/tmp/tmp7ukfgci8'. The following endpoints are available:

```
* Endpoint 'serve'
  args_0 (POSITIONAL_ONLY): TensorSpec(shape=(1, 320, 320, 3), dtype=tf.float3
2, name='keras_tensor_121')
Output Type:
  TensorSpec(shape=(1, 6300, 7), dtype=tf.float32, name=None)
Captures:
136977886628944: TensorSpec(shape=(4, 2), dtype=tf.int32, name=None)
136977886635088: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886633936: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886627600: TensorSpec(shape=(4, 2), dtype=tf.int32, name=None)
136977886635280: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886635664: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886638928: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886638544: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886639504: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886637968: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886639120: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886638352: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886638736: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886639888: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886640080: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886640272: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886630096: TensorSpec(shape=(4, 2), dtype=tf.int32, name=None)
136977886642000: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886641808: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977763075472: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977763074512: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977763076048: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977763075088: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977763075664: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977763074320: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977763075280: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977763076432: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977763076624: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977763076816: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977763077008: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977763077200: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977763077392: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977763077584: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886630288: TensorSpec(shape=(4, 2), dtype=tf.int32, name=None)
136977763078736: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977763077968: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977763081040: TensorSpec(shape=(), dtype=tf.resource, name=None)
```

136977763080656: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763081616: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763080464: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763081232: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763079120: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763080848: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763082000: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763082192: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763082384: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763082576: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763082768: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763082960: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763083152: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763083344: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763083536: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763083728: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763083920: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977886630864: TensorSpec(shape=(4, 2), dtype=tf.int32, name=None)  
136977763084688: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763085072: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763086224: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763084304: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763086800: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763085648: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763086416: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763084496: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763086032: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763087184: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763087376: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763087568: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763086608: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763086992: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763089296: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763087760: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763089488: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977763089680: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977759683792: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977759683408: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977759684368: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977759682832: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977759683984: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977759683216: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977759683600: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977759684752: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977759684944: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977759685136: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977759686096: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977759683024: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977759688016: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977759687632: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977759688592: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977759684560: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977759688208: TensorSpec(shape=(), dtype=tf.resource, name=None)  
136977759685712: TensorSpec(shape=(), dtype=tf.resource, name=None)

```

136977759687824: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759688976: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759689168: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759689360: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886631248: TensorSpec(shape=(4, 2), dtype=tf.int32, name=None)
136977759690320: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759689744: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759691856: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759688400: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759692432: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759691280: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759692048: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759690896: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759691664: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759692816: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759693008: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759693200: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886631632: TensorSpec(shape=(4, 2), dtype=tf.int32, name=None)
136977759694160: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759693584: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759695696: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759692240: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759696272: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759695120: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759695888: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759694736: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759695504: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759696656: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759696848: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759697040: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759696464: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759698384: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886631056: TensorSpec(shape=(3,), dtype=tf.float32, name=None)
136977886634128: TensorSpec(shape=(1, 1, 1600, 2), dtype=tf.float32, name=None)
e)
136977886632400: TensorSpec(shape=(3, 1, 3, 1, 2), dtype=tf.float32, name=None)
e)
136977759698192: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759697424: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886632976: TensorSpec(shape=(1, 1, 400, 2), dtype=tf.float32, name=None)
e)
136977759697616: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977759696080: TensorSpec(shape=(), dtype=tf.resource, name=None)
136977886632208: TensorSpec(shape=(1, 1, 100, 2), dtype=tf.float32, name=None)
e)
W0000 00:00:1768635045.774361 16886 tf_tfl_flatbuffer_helpers.cc:365] Ignored
output_format.
W0000 00:00:1768635045.774394 16886 tf_tfl_flatbuffer_helpers.cc:368] Ignored
drop_control_dependency.
I0000 00:00:1768635045.864649 16886 mlir_graph_optimization_pass.cc:425] MLIR
V1 optimization pass is not enabled
TensorFlow Lite: export success ✓ 8.3s, saved as runs/train/road_anomaly_yolov
5s/weights/best-fp16.tflite (13.5 MB)

```



Export complete (23.1s)  
Results saved to /content/yolov5/runs/train/road\_anomaly\_yolov5s/weights  
Detect: python detect.py --weights runs/train/road\_anomaly\_yolov5s/weights/best-fp16.tflite  
Validate: python val.py --weights runs/train/road\_anomaly\_yolov5s/weights/best-fp16.tflite  
PyTorch Hub: model = torch.hub.load('ultralytics/yolov5', 'custom', 'runs/train/road\_anomaly\_yolov5s/weights/best-fp16.tflite')  
Visualize: <https://netron.app>

```
In [24]: from google.colab import files  
files.download("runs/train/road_anomaly_yolov5s/weights/best.onnx")
```

```
In [25]: from google.colab import files  
files.download("runs/train/road_anomaly_yolov5s/weights/best.pt")
```

```
In [26]: from google.colab import files  
files.download("runs/train/road_anomaly_yolov5s/weights/best-fp16.tflite")
```

```
In [27]: !zip -r yolov5_project.zip yolov5  
  
zip warning: name not matched: yolov5  
  
zip error: Nothing to do! (try: zip -r yolov5_project.zip . -i yolov5)
```

```
In [28]: !zip -r yolov5_project.zip . -i yolov5  
  
zip warning: zip file empty
```

```
In [ ]:
```

```
In [30]: !zip -r yolov5_project.zip .
```



updating: README.md (deflated 78%)  
updating: CITATION.cff (deflated 31%)  
updating: .gitattributes (deflated 4%)  
updating: pyproject.toml (deflated 59%)  
updating: road\_anomalies-1/ (stored 0%)  
updating: road\_anomalies-1/train/ (stored 0%)  
updating: road\_anomalies-1/train/labels.cache (deflated 75%)  
updating: road\_anomalies-1/train/images/ (stored 0%)  
updating: road\_anomalies-1/train/images/potholes154\_png.rf.6c8f1139c466e8b3e02b27b00428d5ee.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes370\_png.rf.d8ffb9cfd420e50cf9200a2011aaf5d0.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0120\_jpg.rf.bc6c128b106c2b94847a723eb1cfdd2b.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000075\_jpg.rf.3edbb8e5523c80f26b712cc4da18fc61.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0166\_jpg.rf.34613d07def1cd260070426c09a391aa.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/81\_jpeg.rf.ad9edc820e2becf0c5aa0fc07273c5ab.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes328\_png.rf.79c353d93768386add34ce3ff6a77483.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes365\_png.rf.dae2f54792eac3ea4f43856a9e659b25.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes0\_png.rf.1f5e55bd46cda498920f8774d63e3b81.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/photo\_11\_2024-11-04\_15-47-54\_jpg.rf.9efd01a8ea098eda302e5d2e2616d27b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/126\_jpeg.rf.a142dbbbecc8938f6e45fff5cab c6586.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes379\_png.rf.b7d9de4174c4517039ba20536deb2cc.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0193\_jpg.rf.6fa693d9aa90f84309e5f11f7b0db955.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes542\_png.rf.6a0761828dfba8df1bc5d61540b368b1.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/147\_jpeg.rf.e494dbe759084097e3c1324b0851fb2a.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000044\_jpg.rf.82b1164fda390c5af2425beb0a1fb906.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/158\_jpeg.rf.7fcd328fa2d7b64ae62487b95ea9d93f.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes468\_png.rf.0e28252ff1b29eb9a58efbdbd8e227f5.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/148\_png.rf.9367780de3d436e39d5bd848ec51f97a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes385\_png.rf.a0d772bb673e1709f83c230e944d212d.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes336\_png.rf.bec9214d6da2f52314b1c31138299855.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0297\_jpg.rf.c8327e38da7f3e7633879a1a4a4bflD0.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes517\_png.rf.68a828115d1493f208f9a937563bf70f.jpg (deflated 0%)

updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0121\_jpg.rf.ba03821fa55d1d7cb9f681a12da61f3c.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes582\_png.rf.72c4a1bb4d95183f15cc7edd62f4d82f.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes412\_png.rf.6b1abcaebe65dda592b3e8e208b89c9f.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes483\_png.rf.ca2675f0861643f7c217415d0613f316.jpg (deflated 2%)  
updating: road\_anomalies-1/train/images/potholes454\_png.rf.482b5e94502a67e5ab12b9868bc53212.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes373\_png.rf.842723df6a04637c3461d9e69d93bbbed.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes200\_png.rf.19ae0e91562b39c51b29867780dc7381.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes400\_png.rf.5a663e92ede7c009109f10223c07c7da.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes409\_png.rf.b954278d64dd557e30d18f74b16786fa.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/18\_jpeg.rf.cd4ef6acd1e629cb86f61c82976d839b.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes568\_png.rf.c796e14b01ad2ea60bfb e66fd8582cf0.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0163\_jpg.rf.48c1d1c69fc46266637d47c04c2eb615.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes117\_png.rf.53ba1a68b16c7f8cb8b43b145316398c.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/47\_jpeg.rf.14d97d8a98ef2777f7a06cf3bbad0de4.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0212\_jpg.rf.857845ea3005e2ffff04c0fef26d28cc.jpg (deflated 2%)  
updating: road\_anomalies-1/train/images/66222200bAj\_jpg.rf.2b3bc9e54ca861b578dcce665efcba5c.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes358\_png.rf.562bd9e4a9bb8e64ca28de7f30b8c0d9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes167\_png.rf.3ade72162e35666061cf29a1620d5393.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes494\_png.rf.d0450eec260b278d964d10aa7d3c9c30.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/29\_jpeg.rf.317265e1a09fada775de8a2f2eb29e42.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes229\_png.rf.e554ed65e31144cf9fcc6642e701c8cf.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes496\_png.rf.a614cc68f622d05cc91f11327f53c786.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-23-\_jpg.rf.48a019f847cc7a12ca8a19e8814c44c9.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes116\_png.rf.c6b9d9be4bc22cba6e1e783309ad15e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/photo\_12\_2024-11-04\_15-47-54\_jpg.rf.7df182c0f99fef97c78c8ffa66c30005.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes130\_png.rf.a25bc73891870458344b4376a5297c53.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000161\_jpg.rf.15d127cf599f841a7986247d24f635b9.jpg (deflated 0%)

updating: road\_anomalies-1/train/images/108\_jpg.rf.30c2cec1c0296ac4f252ee45e1fd95f9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/41\_jpeg.rf.cb57628ceeb704ab6cbcd3bddcbc52d0.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes351\_png.rf.e51e627a4efa4613ed6148de237cb0d5.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/88\_jpeg.rf.9aa077d789479b1f1ac618b3bb42c83e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes368\_png.rf.97177fb340496b8c821358313b6ed7ee.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000180\_jpg.rf.c7c3e391fad04bc35735e94df754ce49.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0154\_jpg.rf.d29cffe7d2b8fac8b4a1395bd182bd12.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0184\_jpg.rf.a6ae21cfc538600ccbb18ee4f420f55f.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes478\_png.rf.ffa45de5764b9fdb305c6a6b959e26cb.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000068\_jpg.rf.d72a38e29779a458d1136fcd9e3c68a8.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes475\_png.rf.3696ea9e2a355d807da9125b19fa1b72.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes286\_png.rf.47419cffef5ea48a54cbf07edf2260a9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes607\_png.rf.9f3d5362bd323adcc9e0d521faa08fa7.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes463\_png.rf.9f772f5c3ca61b3167c09275f36f4c4a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0170\_jpg.rf.acdela1d43479529752f3c582e7d8404.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes610\_png.rf.cfeac7cfc90aeccfaedb4ff5ae55eb1f.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000025\_jpg.rf.b2225b8e94777681ceble9c95dc50e0b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0047\_jpg.rf.8dcdd52f1dd07d6ed30b2dd3cb34c232.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes590\_png.rf.94d6a20a2e160250d47f211b392eba65.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes37\_png.rf.687099bcb8cebae147097ffbb47aa700.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes631\_png.rf.b6cbd3d6b152931c489a167434324652.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes390\_png.rf.15bd27b35c2400899946c39937e26982.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes14\_png.rf.8853289fa9b635cc495f20d6d103a5c3.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000141\_jpg.rf.ce0089b9549e93ab1dd0f33a65207a95.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/93\_jpeg.rf.0f973466a2e1c6a29c9c036936abde75.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes216\_png.rf.131baa5d53429ace2fb099ed33460368.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes210\_png.rf.0aaee17b14474867f06223d9f4db31e5.jpg (deflated 0%)

updating: road\_anomalies-1/train/images/potholes419\_png.rf.df046fa7b63a33e25f686d21abcc3d3a.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/9\_jpeg.rf.b1505014662a30a616118c02eeb23068.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/137\_jpeg.rf.c01511e512f6b1b1b1343e7151caa9a1.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes429\_png.rf.242b8ba55722972bddb4b101ea69ea7a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000001\_jpg.rf.a0dfc975db78808f7ddfdadee38dbdf7.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-13-\_jpg.rf.38b10d779a423a265048b5214e16d15d.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/112\_jpeg.rf.74f3fed2c57c5d20c5d56a67942116cf.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/9\_jpeg.rf.168397b4ef0f258d122b5575f25f14a5.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes212\_png.rf.152560a2633e8bba36aa3dac6ba2f11b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000039\_jpg.rf.d24bead6af5c8702e03a7e0b34391775.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0129\_jpg.rf.2d6a2812cfc0ec34b7653f320ef6c268.jpg (deflated 2%)  
updating: road\_anomalies-1/train/images/129\_jpeg.rf.f4b0fd24333351a8c18fdfe64d367b7b.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes63\_png.rf.33256e6c1de23357a06e6ecbac20f5e7.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-false-0005\_jpg.rf.decd2d2ac5e13ffc9fa19b5c15419fc2.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0276\_jpg.rf.1170bcea1656375ed601f9f3c4b9a552.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes489\_png.rf.0a7484dbdbfc88f31743f171649e2864.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0201\_jpg.rf.60c8e729bbfef5975bb05156f49195d5.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes42\_png.rf.14f1ef8a2437c33b484069f9be912d78f.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes427\_png.rf.242743722514a8d61aeb70e30cff1ac8.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000070\_jpg.rf.9a7c4f5c9ccc545bbe49a91f54137365.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-6-\_jpg.rf.e858a7fb5e5c34ad81cc1f78183ff780.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes540\_png.rf.119990c63a57ff5455996035d6b58759.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-11-\_jpg.rf.5f0d3a6ca1bdeea67e0adb66621a561e.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes197\_png.rf.6de369aeef684d44bd746c0d1f5662a9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes416\_png.rf.1c9be0f19fe739d75e905b601bc9fd7e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes346\_png.rf.711c164130bfa2610d7f6afff2a403ab.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes543\_png.rf.a5a442773e2c3722a04ad861157e792d.jpg (deflated 0%)

updating: road\_anomalies-1/train/images/9343b4ea0187de8440bf6dee6595436b\_jpg.rf.43c37dcd5d884025e268090e910ac951.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes166\_png.rf.af65478a3c9636d10166eba994d22f0e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/0ZCLH-d-uiA\_jpg.rf.4401396fe5ecdb35853b5bd5abffffad.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0223\_jpg.rf.1b97cd9e37e031b027d7c5b943612b02.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000028\_jpg.rf.59769b427e8f56a2f6d5770a936a102a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes451\_png.rf.21b70486f055bf8ea9768a9f32cfefee.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes495\_png.rf.cfa752cecd6a3d740a581d0be23c5036.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes321\_png.rf.c489677678afadb1d3e4da2357cfd3cb.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000149\_jpg.rf.a0d11d65cc6263ea4f8879ac3173ec64.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000034\_jpg.rf.3dc1f3004cd57441b26aa4ceb389a0c2.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000130\_jpg.rf.2344762895d845d5cfc6e255150692b1.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/photo\_4\_2024-11-04\_15-47-54\_jpg.rf.5b695471dca40e9a2772009d1dbda6b9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0136\_jpg.rf.dec6a4899e1b91968ad94c920b6c8ce8.jpg (deflated 2%)  
updating: road\_anomalies-1/train/images/potholes31\_png.rf.153f4063f3f7fe93803b3e207f3353f3.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/19\_jpeg.rf.1d6e496e09f49797f56d47d393a4dfel.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000087\_jpg.rf.79c7cf9e469aa8894977f19a0e43ce70.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0129\_jpg.rf.e359651775e12413967d78bd9381abdb.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000192\_jpg.rf.7edb92fa8447dfd9e14dbdc051db56c2.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0158\_jpg.rf.9eb7011668008954bede38a5584c66e4.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes577\_png.rf.fec4668c82d2e212007dcda28138d559.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0217\_jpg.rf.b9a6306e9d54c32f07b7347cc38cf0a8.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/11\_jpeg.rf.1edd69a550315ee39ef01bcf60fbcla8.jpg (deflated 2%)  
updating: road\_anomalies-1/train/images/91\_jpeg.rf.228c5920c8b5c10368af038e15097398.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0186\_jpg.rf.c044c8547fcb e2f4409795d370aalc01.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes45\_png.rf.2690bc6c29d3c290da4a4f7019014fb9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes295\_png.rf.8c0773a7562a73a100dafc5b58ccbe81.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0302\_jpg.rf.c333d7e8532fc7587b3a9a4855355644.jpg (deflated 1%)

updating: road\_anomalies-1/train/images/potholes317\_png.rf.e17e8400af2a0122f6ab  
abb8f303ef4b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes107\_png.rf.71189336670b14e4d185  
ab92c403e79e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes531\_png.rf.158bc755bb124e0750a0  
dca5b2ccfb7e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes180\_png.rf.9f0ad7d93da5dce90a16  
53c566f87e0c.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes208\_png.rf.e5f5a9743e7d98477cef  
31a3a73ed183.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes628\_png.rf.7311c48e2788e8d25d26  
90b885995793.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000052\_jpg.rf.0e95d7b2a  
5b04ec46aa5c30e667b46e3.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes124\_png.rf.bb9569d33a04a7276ce8  
d26186923e17.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes440\_png.rf.fc827a432c31403ca58e  
0dc986905e38.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0131\_jpg.rf.8cd7c62b4b74  
12435008064d34b50187.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes417\_png.rf.4e7f0c2cf929ad56c10e  
89e5a9145058.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes619\_png.rf.2e6dd3383f67b672784d  
bf54d01b2f56.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/165\_jpeg.rf.e7e25c70f2e469d51cb8fefa380  
c3cd3.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000084\_jpg.rf.8ea95a8fb  
23f20deacbf38f0b9e4f843.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/72\_jpeg.rf.0e425c24ad6f0ceedd7c0f5f3320  
4136.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000043\_jpg.rf.3ce3e3100  
3d2df3c9a1cc06740cbee9e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0128\_jpg.rf.38a1c42aef2  
b87e734470df11c66c7f.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes218\_png.rf.ba9b09c73efc2dd05d1d  
9051008cb3aa.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes626\_png.rf.040b2fd4cb634a0a6ce4  
c931c809cf53.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes339\_png.rf.a5a16e98aef1503a49b6  
11379e123151.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes195\_png.rf.309d3febe4cc58f24318  
5a5002120fc1.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/79\_jpeg.rf.13a2b8a957f2dec06d384e42882e  
fda2.jpg (deflated 2%)  
updating: road\_anomalies-1/train/images/potholes501\_png.rf.9b34ac551c359a13f70f  
a357b4c6af94.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes430\_png.rf.25377d52bdd2ce0bf463  
cab968c3e38d.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0130\_jpg.rf.5d0f09384a24  
5c4d5dd45fafa36bf79b.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes444\_png.rf.bdab662238cb84ac5d73  
e93cdb676aa9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0215\_jpg.rf.769d877d5156  
74c19ac4747bc9307cd9.jpg (deflated 1%)

updating: road\_anomalies-1/train/images/potholes308\_png.rf.b870ec24a01c75e5ab7c  
f64cb39679f6.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0157\_jpg.rf.d89382a9ee8c  
9fd4delc4a91afa3b019.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes601\_png.rf.d375e3211a55f8d13eab  
0b8c900b7261.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-21-\_jpg.rf.2cc2cb91f4e34d4  
3d7d691ba3efc6106.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes490\_png.rf.1281bc86b2edbbb4375f  
360dd9f6b118.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes121\_png.rf.840cb1521652e73b2ce9  
8db89d200e8c.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0225\_jpg.rf.f976a5d03483  
b83610dle37edea80173.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes288\_png.rf.4da93b8df1cd3c313647  
f87007795328.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/3\_jpeg.rf.9e05d5a5777980e553e24aa17ba68  
c94.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes341\_png.rf.279dfb9b5448fad80c0b  
3238b6cf918d.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000042\_jpg.rf.c803c9525  
998f8444f2fca3e21ee95d2.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0118\_jpg.rf.955ee7650e49  
67b2a40c5e8a90926a57.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes15\_png.rf.da309c897e8d6134c4fa7  
23c20123116.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-28-\_jpg.rf.b4694bf333b13f9  
95b00b39efba71961.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/35\_jpeg.rf.634b901e70e4a3b01648129260f9  
fb1f.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes516\_png.rf.5eb338fb68ad85240bd8  
b40ff303a756.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0199\_jpg.rf.39003ee71568  
36fc86abe32cca51f357.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0117\_jpg.rf.baa2966dd554  
746331fd9feeeae23b68.jpg (deflated 2%)  
updating: road\_anomalies-1/train/images/181\_jpeg.rf.e9b3df9ae3a8f301d1d4e4f6b12  
5158e.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-20-\_jpg.rf.5e3e4c29ed4e176  
ce1314b128abf104f.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0048\_jpg.rf.47913f4cdd32  
9bbf86d8ce9f563d6231.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes402\_png.rf.f6fe72c4028c90d6a0c0  
30cd1360ed68.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes394\_png.rf.125f8f3ea32f46001ae1  
a36cf135f0fb.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes633\_png.rf.16038741eb543735d610  
e4498154db00.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000173\_jpg.rf.da8f131a7  
b154325f8daebdeba2a2c6b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/98\_png.rf.72da7f1dee1a81747c04d3de6b3f6  
754.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0252\_jpg.rf.625aea790cb4  
32dd112f27fad9da2b14.jpg (deflated 1%)

updating: road\_anomalies-1/train/images/potholes172\_png.rf.ea37f835a0824b4fd3cc105657050066.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes544\_png.rf.f2425d719642d2aedf15892cff227dd5.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000079\_jpg.rf.fc4dd0b465c07069f9d732a9b266e24c.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0137\_jpg.rf.283475c333a7160151d7ffaa514ade0c.jpg (deflated 2%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0177\_jpg.rf.00ef37aa34beblacc5b52b407125db84.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes222\_png.rf.c12549c468ca0e6e622144e1ecb3a904.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000144\_jpg.rf.c9c885836789976bd91babfc8342a22d.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes49\_png.rf.8aa03c9854edafffc20360f86fb2c46a.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/16\_jpeg.rf.475674edf1c59d407c0eed68371ad3ef.jpg (deflated 2%)  
updating: road\_anomalies-1/train/images/potholes138\_png.rf.e49cc08dde939adalef24fc9c33c8d6a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes363\_png.rf.d330ea0e1bd56e76dfc0391b38eba7a0.jpg (deflated 2%)  
updating: road\_anomalies-1/train/images/122\_jpeg.rf.1a3b4d99752572414ff20ccacab6ee2a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/173\_jpeg.rf.0ca17e8b8f96ec8a8c84a1d763429b4e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes533\_png.rf.0324dbac748ab7ab656f62f013f75cab.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes170\_png.rf.0531ac406f1f969df09aca8eae3fb42e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000097\_jpg.rf.8a5befed6c58af3d0ac35e35d25a6381.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes298\_png.rf.41b70e47073f4093797403faaa8eee19.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes638\_png.rf.2df557997c64b5fac43cb022c7belb98.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes447\_png.rf.f1ed049aaaba85cf9c040f577a359ea3.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes534\_png.rf.4bbd8b676bbf8b80975540f683b04f4e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0081\_jpg.rf.9d37a845676384d9eaf3700ec2878cc3.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes632\_png.rf.389335e468434e979abb62836ee8ed3d.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/31\_jpeg.rf.9463d6157200bab8707a58790db6e8ef.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0184\_jpg.rf.28976dd4a231ea3e53c239e3ed750dc1.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/1\_jpeg.rf.ec584ecacecefd0483abf9b1128dfa3.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes5\_png.rf.6d3694c01784796057601420a7f72a55.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes457\_png.rf.3cde56c2b3eb0ff0e95d508a51961135.jpg (deflated 0%)



updating: road\_anomalies-1/train/images/potholes316\_png.rf.d2dbb2a8d45156c9c401b  
beef7cf914d.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes376\_png.rf.3b9be0f4e9752d021056  
9cd89a225f6f.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes403\_png.rf.ffd9b2423ea8525085ac  
7b0d902296b7.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes552\_png.rf.71faa5b4d80821d4a9f0  
755e0e617ad5.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/photo\_8\_2024-11-04\_15-47-54\_jpg.rf.354b  
029f281bbbc1dd4946d9067f17f2.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0168\_jpg.rf.53cc3f158985  
9e9a0f17e8a6f925c0d7.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/17\_jpeg.rf.a3c624bcf30f22d07704754b6e68  
841c.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes502\_png.rf.cel1f4315210550205a64  
c7e827a35199.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/photo\_10\_2024-11-04\_15-47-54\_jpg.rf.8df  
8306ff8113678ddf356285f21d61b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes448\_png.rf.4f6992208008c56374f7  
d74f67a1c006.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0228\_jpg.rf.b070818b38e6  
5d84667e30f936dd5746.jpg (deflated 2%)  
updating: road\_anomalies-1/train/images/160\_jpeg.rf.f8470e1d5634a049e1d5b2ba8d2  
b8ec6.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/154\_jpeg.rf.ba376919052d3f7c2e1c6ed0364  
74053.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000159\_jpg.rf.1f801ce3d  
fdf97305e42d9c5743895f6.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000064\_jpg.rf.90ad7a62e  
d869b2c07dbaec424bcab8b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes622\_png.rf.73eef0ac43100070b5cb  
629f6bbfdac6.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes35\_png.rf.7090c7fa1fae8708fee3a  
8f91d68620e.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000166\_jpg.rf.0825b4f48  
5cd2caa6a836046f49blea6.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000131\_jpg.rf.8e917f6bd  
ee73fe867e32b25d4a43f24.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/8\_jpeg.rf.b9ae03c033593faf32d550f6db711  
4d0.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/123\_jpg.rf.5a69c5f9d1601aeac4cfb90832e0  
71db.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes439\_png.rf.859dce4c3958450c2fe2  
855846a6c64f.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes367\_png.rf.672c04010b71b219e226  
c6692ac595c4.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000090\_jpg.rf.320fb3f38  
77e5fc4a00b95cb5e37174e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/22\_jpeg.rf.30b51c0f2a434b132695571bac2e  
1682.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes128\_png.rf.500ec071c3581d30a0aa  
63c9d4aade97.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes505\_png.rf.0a410f38b46044fbe398  
508e8b02a74a.jpg (deflated 0%)

updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0046\_jpg.rf.b26912d518755d000527c35f851418d8.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0165\_jpg.rf.edd4dc1f6202cd0ccced413d84a2ff7f.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes518\_png.rf.7bbf439177b751b33a4e59df976331e5.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000205\_jpg.rf.856875c60104fb4ce1f4875df4f745f0.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes185\_png.rf.a33895d61281d94d224b52c91a5bf950.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes398\_png.rf.e39d6b7cebc2094666f5025afce3dfc9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes375\_png.rf.580c7646224b8f452ba91fd52481cab7.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes472\_png.rf.06053971753799caf69559701f7f72f6.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/5\_jpeg.rf.d31bd237e225211f4cc90be57c725deb.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/8\_jpeg.rf.c4f3c1943b061ad78d3c81a8c34b4d35.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes102\_png.rf.6e0732f5d8213eccc12f580dbdc5c718.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes13\_png.rf.d45939b305336f4bfffbe59880b2dc636.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000191\_jpg.rf.84813652737348507b17cf244750709d.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/84\_jpeg.rf.cda701a6772295819f42d2333cb151d6.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/20120807-152735-59\_jpg.rf.2b0c681d26546cf02aef64e9f382fdbbc.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes209\_png.rf.7e21fa8fb1b956cbf4d709887240c30f.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/photo\_6\_2024-11-04\_15-47-54\_jpg.rf.6b74c5fc59acabd81e5c23a4d45506d0.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000055\_jpg.rf.44f00755d45d9738ce2c01c98f752e04.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes469\_png.rf.a8013430177b38ec2c3d060831688ff9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000096\_jpg.rf.afb4c4139cb4d1fd89273e28c3a4893b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes522\_png.rf.clb7be4179a7fa11e7f2d75448e9d097.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes215\_png.rf.2f7f6ab585f82a95ef88d2320d5e0831.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000178\_jpg.rf.997719a6453f7bf042da31441825522c.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000051\_jpg.rf.154a69bc83513f2defb0701121e61807.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes61\_png.rf.b81e62d8ad62eb4e201c037dbd70f43b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes459\_png.rf.881a803e915db8341ce2230677ddc1c2.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes618\_png.rf.a61b7e901bf5f479468d0fea42329cc8.jpg (deflated 0%)

updating: road\_anomalies-1/train/images/potholes227\_png.rf.dce0f5e26941dc1bb5bc4e8f13924edc.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000083\_jpg.rf.262fd662913e311262c0d467add40f74.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes297\_png.rf.7e26936d0a30319f71f90b01a053928f.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes23\_png.rf.b50c390d835d85c0d65b0b2a76e13811.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes575\_png.rf.130f719296450dc8d009cd7c3d20cf03.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/36\_jpeg.rf.a452bb419101724610cb3dd5e3f4382e.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes312\_png.rf.7c71ba817111fe927d0b9333cb01d90b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/67\_jpeg.rf.4c53ee72fee0872e66023ce9362ff7bf.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes136\_png.rf.ca28efe3ae8919b5cc95c3d0b7ef9830.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes580\_png.rf.4c46563a9ce2d319158486a6c97b15aa.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0172\_jpg.rf.7b87d6400a1c01a8f781a9a201714724.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes289\_png.rf.e669fe7d9982633bdc2cb43bcd4af3c1.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/143\_jpeg.rf.f8a9ca2373c1173840e258133f363c91.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes410\_png.rf.c8ce4bb32b5222bbd917f491e59afeb6.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/photo\_1\_2024-11-04\_15-47-54\_jpg.rf.ec7e43f547f4ad6f1c4c41fe411acabc.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000045\_jpg.rf.a5906df2701a884b4c540c52a411a716.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes333\_png.rf.677b901ffc7f9ca3e57becbdb8b8e127.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes441\_png.rf.f5060334933d29cf66d1eea66f66be89.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0226\_jpg.rf.4620ca8a3975a3841b90f643f31387b3.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000007\_jpg.rf.127b52addab81fd07db4d0ead7d359bb.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000183\_jpg.rf.cc544ae9720a7d2cb9a6ff396e7be56c.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes592\_png.rf.e677830aa110473bbd9177d98faee6b1.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes425\_png.rf.cd7d934549978695e2b43d14204a049a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/4-\_jpeg.rf.748b1e8708f29f15f46419264e278b7e.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/76\_jpeg.rf.bbf808a75445495a9fe99e18fa47cc70.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000152\_jpg.rf.34a0db6a05d2049c2f4604e0def64781.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000175\_jpg.rf.d531ec9762893e97c90eb603d9a08ec7.jpg (deflated 0%)

updating: road\_anomalies-1/train/images/Fallen\_trees-1-\_jpg.rf.049d6d111e69933a216867940a7bbde9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/44\_jpeg.rf.d09b6928f1af4e2b4af9c854fdecf87c.jpg (deflated 2%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000110\_jpg.rf.bf7b9cb18a14adc64982a2a1f42e510b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes284\_png.rf.1acaf9c3ae4138ed6e9b6f151ca9024f.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes446\_png.rf.11ee7b9ef79c62696d4ac1568f67769b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/43\_jpeg.rf.382783fc98a20a53588f006891bf6117.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes407\_png.rf.5f193c2d64792ff2384e3dd38d202c27.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000011\_jpg.rf.b48be58ee3fa7cd00bcb60e41cd4ab99.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000103\_jpg.rf.7b46e153f563c4733effe6ec7721e84c.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes354\_png.rf.5bf816d4dd93c5875e51f75550131668.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0134\_jpg.rf.112279a6f996a748f58235faeb6bb56d.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes122\_png.rf.bbddf06a5897a4288d9e1a828aa3c2f7.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000027\_jpg.rf.bc3370df493ae5ab7dce178d361f6ceb.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes144\_png.rf.6a4c7ba83281fdc264af0c36ef1ae29d.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes621\_png.rf.9a1f897fc5d915f8dee2977b9956711a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/16\_jpeg.rf.7e390eb7de61fddb9b9eda948a80eb2a.jpg (deflated 9%)  
updating: road\_anomalies-1/train/images/potholes464\_png.rf.dc8e4f18fbe7949a2ff1f65d4006e45f.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes493\_png.rf.5307e1516fc7456a29ed53124a178505.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes374\_png.rf.91d8599841d0c09171c84dab7f910b3b.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/69\_jpeg.rf.8867a0100de9bf35c2ecc198e334b478.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes198\_png.rf.71272fd1ef8df8bfd939612ebd8903bf.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/13\_jpeg.rf.de7e605f186ba495eecb1c3072cc7eea.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0135\_jpg.rf.bffff089fa804b2cb3c0fcf5563616572.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes461\_png.rf.edb8a171a00aee3ad4a143d5ef410791.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/184\_jpeg.rf.0292b1fac0be4b634d14c87faee3ea00.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000190\_jpg.rf.ab78b70eada5fd3d4462a49b0d539772.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-25-\_jpg.rf.d104c5aaffd0258cd2e81ebd4a3f4a2d.jpg (deflated 0%)

updating: road\_anomalies-1/train/images/China\_MotorBike\_000104\_jpg.rf.b9c93987730d5460bcfa241058f07f5a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes605\_png.rf.4dc51224d24c2840f9db4c977c7a9900.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000026\_jpg.rf.8686a710a58cc7efafa14fae2d31df46.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/32\_jpeg.rf.963b8ee19f479d3bad3e1c03a5c7f45e.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes149\_png.rf.ad208e48875d2693e80f6968eaec0a47.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/86\_jpeg.rf.dce5bdd8ae182b745402670d5bec98f5.jpg (deflated 2%)  
updating: road\_anomalies-1/train/images/potholes559\_png.rf.11386e378fff1bf1da884d057785fe98.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes405\_png.rf.8bde402dd5aa8a0ab9cca9da08fd0840.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes344\_png.rf.aabb26d013aff3781a2374dd1740d831.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000063\_jpg.rf.f331956893d2716322509ce71774bae7.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/14\_jpeg.rf.5b7817222fdf602491e105d02b4c5326.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-12-\_jpg.rf.601fea490dd7b7e17ea1987293768fb4.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/2\_jpeg.rf.d34e2133c8d2c392c35947717c58934c.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000129\_jpg.rf.30aada0fb2b2ddd41a7c1c660da85078.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/39\_jpeg.rf.a2ef88c4aff8343ee5b62b909d57459b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0133\_jpg.rf.134541bd0d44947db01bb155dec9877d.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes119\_png.rf.33da596b0c48aa85cc93280578579aee.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0257\_jpg.rf.7f805c0f50d6261498bfa8ccbd54beb1.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes401\_png.rf.e9e5595712db04f1503b52bba4feelbc.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes151\_png.rf.abc9464ddb3d992e982779ef338c436b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes292\_png.rf.e06c15340befa1b2f1e414f13d98188a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes602\_png.rf.a2c28d63d0982c6133b6a0a0f5a6b1f7.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes507\_png.rf.664041ca9b5aded47cf09aec69e23d6f.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes413\_png.rf.3400b22fc6d68c9dda36744f4bd9dde1.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes511\_png.rf.54f0466a1e7388023c625124cb31872f.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-false-0000\_jpg.rf.b24f619ea618341ce544b601855cfe74.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0227\_jpg.rf.909549b9b2a4131f7060566953acc021.jpg (deflated 1%)

updating: road\_anomalies-1/train/images/China\_MotorBike\_000186\_jpg.rf.f6953437a  
aa9ad87272ef68c3b87ac34.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/18\_jpeg.rf.bledc3adea0559683a5af16a44d2  
5c65.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000184\_jpg.rf.515b1e6c0  
7bddb26eb2f2103bf1fe203.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes509\_png.rf.f966c68b3c1f619ce795  
alce4c717747.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000053\_jpg.rf.31bc697f8  
e961a4c6162d66bb0372eae.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/14\_jpeg.rf.817412577abea2daf24def5270d5  
77c3.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/73\_jpeg.rf.374c197d8232918b9c7d765c0d03  
d9f9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000060\_jpg.rf.d7f566c94  
b648a736765c751b7a13616.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0230\_jpg.rf.640debde3024  
377212d6846f1fc5b481.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes371\_png.rf.8bc14cbded32a4eb6aa9  
f0e0acc637f1.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-k33z6JcCvdc-0136\_jpg.rf.5a2e3c39656e  
9e9c545385936c2db30e.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes283\_png.rf.b4094d006fa3d98e49b1  
3476de4672a8.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0210\_jpg.rf.27d180814e96  
24107dc322e9e0ffec17.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes480\_png.rf.6ce0e141eaa8a266685b  
f84c156ed5ce.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000171\_jpg.rf.0a322fdb2  
6513a8ae2a5c86d2c05142d.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes428\_png.rf.7bf83bfe4af86b33387f  
2476b293d706.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes487\_png.rf.b7a619793837bd7dafca  
f29b9fbaa84e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/12\_jpeg.rf.0f468316a2b5eae68fe5abbc00d1  
8512.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes434\_png.rf.7574f21e2d851ecf7378  
2206901be70d.jpg (deflated 3%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0333\_jpg.rf.6e84122c2980  
51e3a5e2cd1f5ee2cb0a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000037\_jpg.rf.b100a2965  
bfface6865ab1d1f40b86b7.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes585\_png.rf.57ba9f642556b6db3a2c  
fa15e7a2b0f3.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0219\_jpg.rf.2f52f6fa4e21  
6cd433b8c92bdfce0cd2.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0167\_jpg.rf.42064d5d411a  
b306a62129d81e744c32.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes304\_png.rf.4805181435b57262e1b3  
b6c599784def.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes625\_png.rf.4bbb155fc2a30a0b345e  
1bfd1c8ff0f5.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes591\_png.rf.b717642adc3a9e72e183  
0ec9b6b804f5.jpg (deflated 0%)

updating: road\_anomalies-1/train/images/4\_jpeg.rf.8191b93cec0eb7d156696aa1276f0cc8.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0182\_jpg.rf.a6de07822081f40e595ca9f1040f391a.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-false-0006\_jpg.rf.7953042dcb3246bd543e32f44117a63a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes630\_png.rf.0b5b04bfe605ee41d0a67f2901403540.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes422\_png.rf.dec37c04352c7038f12512b976edb9c4.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes456\_png.rf.7c31caf4a8643e0c6bcb c50e0dc19d98.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes526\_png.rf.a886af20fde1f4a3a26031a1c4396e45.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes529\_png.rf.1100efb312556742a727ddc37257e289.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes557\_png.rf.9c3c93cad9a46fc9f4b2c5d5a4181f03.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes314\_png.rf.2aa206d0752680710350bb6b3c3c4d33.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/42\_jpeg.rf.2bc1a1e3f0fff86f9bb383f07264f994.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-7-\_jpg.rf.42d1f79d123d64d690f8felc8b060ce9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes109\_png.rf.0aa92c456b903cfb93c61a3dle566eff.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes355\_png.rf.ead726e1ca50f15199c89d4786bb956c.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-27-\_jpg.rf.bf625426d20384bf444718851bdce72a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000013\_jpg.rf.34edc9ee963d96d364d38b300b4910d9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes360\_png.rf.40bddd9960ad40b7aa4f233c7986c2b9.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes554\_png.rf.e99fffe602d79bf213ee2346c91721c6.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes335\_png.rf.b4525244be63bfa6d08238f0a4cd5741.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes338\_png.rf.b28d9486028ad479431c552c84ac0115.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000038\_jpg.rf.64251e43c66f42fc0b97a97b396672ec.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes450\_png.rf.ede4b8e9d089adf5cb736abb572b87e0.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes519\_png.rf.d4a7fa9bafdb2645a2e16f055a3e649f.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000018\_jpg.rf.fd3b830851d5f81d3201d08d063f74f2.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-false-0002\_jpg.rf.6f521a95adba69cf30dcc0a0519742b1.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes372\_png.rf.e041e956132665b8388ced7beab1027b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes318\_png.rf.f38e1a996426d6f70ef197581875111a.jpg (deflated 0%)

updating: road\_anomalies-1/train/images/161\_jpeg.rf.cec500803b7ef104733e94359c8da166.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0188\_jpg.rf.551001c5d4e425e2f8f987d6ad522669.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0217\_jpg.rf.f2c9cb196ae03b5737c6cc23a62ec4b5.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes340\_png.rf.f1ffd68f172c18cab8a8d1253c305452.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000182\_jpg.rf.cea1705964ea10c56f785197225c8d70.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes527\_png.rf.602cd65e87c96f4bc3ed9b7edc688eea.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes567\_png.rf.e4023a221ca553ea9006518a92d5d0c2.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000006\_jpg.rf.c33c5e219675ecd931e8830f227f7b4.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/38\_jpeg.rf.56e61f3c030ef1831081d20db4ea64be.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/159\_jpeg.rf.3bb56fedd027fffac7a24f11e3722629.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000100\_jpg.rf.e3998863a3e911cf03c5492333ddac4f.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-14-\_jpg.rf.c7081bcdd1b571ec12b1802ce79340b6.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes587\_png.rf.4bb45d938a6ab56c7a423d097d383762.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes113\_png.rf.74eb6bc05f0073de3c5efb4253644fdc.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes306\_png.rf.da4d5fd53a4d7b9ccb1160ccdaeea84b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-9-\_jpg.rf.3218e18b210ab952c5eb9bae36a2ca5c.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/10\_jpeg.rf.ec4eb5a778ad858731859ac5095e022c.jpg (deflated 3%)  
updating: road\_anomalies-1/train/images/potholes137\_png.rf.8f1801b44ba8c0bd50ee239292c74230.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes3\_png.rf.72d7c9079073bd9e9dce66cc441eed8c.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes578\_png.rf.e0883e01d62b6fdd02998297109309f2.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes521\_png.rf.13c51c5410857c2eaale4fca48dc5dcf.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes2\_png.rf.d54fac1f062038bfa872e4b869c92f83.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes196\_png.rf.d2ffc0573a3b167f9b6840ac17aa20d2.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes224\_png.rf.0d65f7605004cd04466671535292ecd6.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/6\_jpeg.rf.0fb57addfdb795905789487b5700e018.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000167\_jpg.rf.28e98f3250e0ffe5810cbc9d986efe6a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0197\_jpg.rf.6f78bc7027b1d08c6f708ddf1b166973.jpg (deflated 1%)



updating: road\_anomalies-1/train/images/potholes460\_png.rf.0fd5b8e7141d28feea102ac60c77abc0.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0142\_jpg.rf.a1b78efd16bf7a3ed92eb69175e238.jpg (deflated 2%)  
updating: road\_anomalies-1/train/images/potholes479\_png.rf.039673d470ad36140e71325c0c35096d.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000002\_jpg.rf.5f62886c53d4ac3874d1f51190c28610.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-false-0003\_jpg.rf.06a6bf0701cce0bfd88ffe586ac9b576.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/114\_jpeg.rf.52be50c3f4780a6ac77e9875e202c600.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes221\_png.rf.2ea2f5169887164ccdbc26a7c9c379a8.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000196\_jpg.rf.2bb7302e1df243179d7410059eb450f8.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes571\_png.rf.e9d36fb201caf07da3619cac5f5519bf.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/9\_jpeg.rf.91226aea009020724541c8ac2309f35e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes213\_png.rf.35f9683f19ce2dce8b24c9908e43392e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/148\_jpg.rf.5207526e306611a0cfa090bfe05ac0df.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes181\_png.rf.9a6d36ac8bb28e73b181741eaa08de10.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes347\_png.rf.9569268731b00b717406df903d59bdd0.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-17-\_jpg.rf.bdf34caf142797bee2eaa316d6ded70e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000020\_jpg.rf.fc082dc718fb6ae73831f3dda16aed6e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000030\_jpg.rf.f5e577f8ffc172e4fc7c755f123fdf8d.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/95\_jpeg.rf.823e4d628bfcdb76c6e71229dc3c5fbf.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/3\_jpeg.rf.46f88814f89af07d26676de13573c094.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes498\_png.rf.43b5450c0510a685cb83bdfbaa511b76.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-16-\_jpg.rf.71767166da64ec5029f73f8684b01a76.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0224\_jpg.rf.b61280b71c9596db460e1199a3ad8362.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0150\_jpg.rf.569da9b05e8e5d6a38e2c0ef637ca5b2.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes588\_png.rf.6f5f4fa7f3d5d23ef007ff0a78eefa91.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes393\_png.rf.2473f2e16f4d5ed5b0d233165f751091.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes583\_png.rf.12e40f64445d60cf998caalc989ccb4a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes570\_png.rf.6bd56f2d6fb15442eee7d9a2577c7614.jpg (deflated 0%)

updating: road\_anomalies-1/train/images/potholes303\_png.rf.0a5e31232865b59c77ad  
b817ed732878.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes230\_png.rf.aacea3cc4e81d26331ba  
1295fb7c6b4e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000012\_jpg.rf.8f40da633  
1c5ae7fb737a1a9453df885.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes108\_png.rf.fdc75ebad40934658c47  
51c59dabd0c8.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-5-\_jpg.rf.4780f51ad5a93b76  
1f707d3418f7ec2f.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes214\_png.rf.67d8b90282d97408e66e  
6872472847f4.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-22-\_jpg.rf.b32c6665e787f66  
d477edb6c84f871ae.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/144\_jpeg.rf.833ced8929af89b2b9265b84dd8  
df89c.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/1649584355\_63-vsegda-pomnim-com-p-upavs  
hee-derevo-foto-71\_jpg.rf.c176acdc3c62890ac7b9a1605141088b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/-\_jpeg.rf.3bff0ef632b1463c3a05615fe89fb  
ea0.jpg (deflated 5%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000198\_jpg.rf.527e1e55e  
69d20969d20bca74b7a4639.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-31-\_jpg.rf.35b91d70b1e954a  
77dfb127aa0b789c4.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes41\_png.rf.922a5bc8e6c3e5627fe81  
a1ce5eb1350.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes55\_png.rf.8f16d3cc3fb64d015db80  
b3d5172ce62.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes624\_png.rf.5baaf944b1b348d821fd  
47fa4b2f0ded.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes32\_png.rf.56ae4ea938d28a85b9b6d  
b0ccf7e1840.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/71\_png.rf.9b525e1feb59b331144a83409abee  
350.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes10\_png.rf.79ce2d02b7e8cf3865794  
947eee5a03f.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes556\_png.rf.58547bd1412a986f0dc2  
3552ee8fba2f.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000057\_jpg.rf.fe2808283  
23d20183cf941e6a139f350.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000151\_jpg.rf.e627bf62c  
c53a0cf491b220fad154e9a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes362\_png.rf.62c0252d4bcfeed1621c  
ea7e75c48a11.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes327\_png.rf.a64207ff48d7bb3b4739  
328634321817.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/87\_jpeg.rf.653f78c5f152a4b578bb037ec68b  
7214.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000033\_jpg.rf.6885dc53c  
273d2907e6b82eb571d7515.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes174\_png.rf.8d3bd4a27105701f1573  
10a0a590147d.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0132\_jpg.rf.065068f618fe  
04d65eb865790438a17c.jpg (deflated 1%)

updating: road\_anomalies-1/train/images/109\_jpeg.rf.f3fffb08406431e5165792d9a6d4a4fa.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes369\_png.rf.30255c46b99a5bc4cbd70bc0056f5267.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes296\_png.rf.82062185582177b96ca3c627fbb9029a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/18-\_jpeg.rf.ce745910f287a97bbcde609da4fd3819.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes530\_png.rf.3710d312dd0995edcc9e14e8245764fa.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0258\_jpg.rf.7860b94fc14c80193abb802cd6f8ea0f.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes47\_png.rf.123030319b1107171fca041518aba26b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes313\_png.rf.551b4829f4b63bf544993cb3d4c7467e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes596\_png.rf.8710842b0f21495cd3b6b012677d34de.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0169\_jpg.rf.ab53fe066ccf3ec643627db490c81492.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/photo\_3\_2024-11-04\_15-47-54\_jpg.rf.c6c3c81eac2bf8e22bd46ebe4d6c5531.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes141\_png.rf.17078c8fc9f6e5cd1cdf2fcef504d530.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0250\_jpg.rf.aedca6b28157cf84b534963b0b3be9b9.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes397\_png.rf.9e0d287aa5edd4ddac36bfa14683e89e.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes331\_png.rf.2f70c869585710283bebfa074005600.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes39\_png.rf.062f026b21c7805e8e97c2a346ad6493.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes512\_png.rf.84ea6daf08b01324c658e4177b7cae2c.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes569\_png.rf.0a2a146c07b4b043306761bfd3dfdb11.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000188\_jpg.rf.ff8520c2451dca14beed5a0b42c26.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes627\_png.rf.23bacf35097710282b38416e17f98d4e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/140\_jpeg.rf.180f21e848c89a590f94b9b5db728aaf.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0128\_jpg.rf.174d78be80f01435b3e3210536b34966.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000005\_jpg.rf.60a999651f118ca7680deeb5670cf2a7.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000000\_jpg.rf.5351d560907afb863839da8f16b776f1.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0050\_jpg.rf.062cee57b9835af7d3482d4bec3d1a04.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes147\_png.rf.3e14ae49377c7b1df8b4901abca56543.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0279\_jpg.rf.1f4ad63050142d1b85ef2ad415eaa716.jpg (deflated 1%)

updating: road\_anomalies-1/train/images/China\_MotorBike\_000004\_jpg.rf.d24d5cf0e  
c83313fcec09f237559f929.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/176\_jpeg.rf.1f9ed77f1dd2b84b25da923eb61  
9b5f6.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes637\_png.rf.d80805f9336a161dc8be  
185836906df5.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000179\_jpg.rf.e7fdedc57  
8f7b9f5eabba1cdd7beb554.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0179\_jpg.rf.1941e793e8da  
bcdde3919f3614225633.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes52\_png.rf.600e5a3300d85478644f8  
43183b1f8d5.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0255\_jpg.rf.272866c1758c  
e8e401c1d55fb46d4673.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0183\_jpg.rf.033194ab57fc  
56527136c20764661d59.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes211\_png.rf.a68170fb65d48a654319  
2af42608c204.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes395\_png.rf.2596409f2e44e5a37132  
301f4a104dc4.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes123\_png.rf.f994f81f0bbc1c420660  
a4c6f0bee2fa.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/photo\_9\_2024-11-04\_15-47-54\_jpg.rf.3de5  
04595c4ea1173a6e1a73e10d86b1.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000114\_jpg.rf.b5fc5c945  
f03bc87df5c24a70fb49f51.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0181\_jpg.rf.b084b7c7b9cb  
21fe103a8148ba7345a2.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0260\_jpg.rf.bb619a2409e7  
2c612cfa7e5ba4371979.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0133\_jpg.rf.a87f69051b18  
186546f4e29705ac17cc.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0052\_jpg.rf.e3dc7713aa4c  
b1256d05435bc86e60ba.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes329\_png.rf.cfe4dcdcaf04a79753ef  
6e211e90637a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/15\_jpeg.rf.276658d75bd6381c943e426d884d  
1653.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes381\_png.rf.68ca904e0640cf083c94  
a95cf5495497.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000170\_jpg.rf.09c61470a  
1081d9674003e4116b08b33.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes510\_png.rf.9a52ba50c71868791f08  
2bd71d2dc561.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/5\_jpeg.rf.533134a5fd13af3a9bed0485f35cc  
1bd.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes549\_png.rf.6d418ce91556e384fcbc  
f318723cd3e4.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/21\_jpeg.rf.fe742ff0a06049911f8a783ce55d  
214e.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes161\_png.rf.a708230a6879029559d3  
6a953e91affd.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/85\_jpeg.rf.2b303694459a571a098c781ddce7  
189d.jpg (deflated 0%)

updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0283\_jpg.rf.d32b88c1ae7461fe9710a7cfc514d618.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0215\_jpg.rf.3b4521e6e6b0422fff701225f32c09e6.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000085\_jpg.rf.fdab422974e9663cbbeb93a44493d772e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000202\_jpg.rf.bde32d0c07391084d0ecf4d6e291f4e1.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/175\_jpeg.rf.b78a113443d0ed89f9b9ae64b5df455e.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes4\_png.rf.437f2e7adb8c1b5963d1f931a9a15327.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/15\_jpeg.rf.339941cdf60869b69c83c8fe4b489572.jpg (deflated 2%)  
updating: road\_anomalies-1/train/images/potholes617\_png.rf.3b3d79cba58fe5d0f82e9a616d648488.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes157\_png.rf.817b5f3718c0f7131de1c1c38b070744.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes377\_png.rf.d21b69e47e0ddd0f2bdb68c909ad71d7.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000142\_jpg.rf.ae64e06f5cc01883b5b15c6370b3e84d.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000072\_jpg.rf.9f04b33b0610874fe3bd608fe65eda97.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000155\_jpg.rf.1b43e423963a47b3ed8d12832c61b7e9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/photo\_13\_2024-11-04\_15-47-54\_jpg.rf.60cd05c7b71c3d25314129a47c8a03ad.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes294\_png.rf.0f0116cb307d4f2a520e1ebff232c1cc.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0218\_jpg.rf.f485be0120861259b370cc5d5b2698b9.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/78\_jpeg.rf.80068d5963325f5166dbdd99b6b69a18.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes153\_png.rf.30a67d2a911099246bcfe21feb5cdf2.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/photo\_5\_2024-11-04\_15-47-54\_jpg.rf.3dadcl053359109be203aa802ccd6aa8.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes635\_png.rf.b9aab04d925b8c36fe8f42dcf236d941.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes120\_png.rf.22d3368413b1a171c9dfcaebdca577fb.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes513\_png.rf.8cd40733f9605077e69d9c35cfa981eb.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes186\_png.rf.bb1eb79a4a147a4d5861b6cd5ca6825b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes634\_png.rf.5b7c1f7a9f3b879051f69288b929a8a7.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000048\_jpg.rf.7b51e1358e34bd18746ea5e52714b2aa.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes476\_png.rf.687dadfa845994c26a7ba25d3f7baf2e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes16\_png.rf.2666c1e2e6099d6bfd18cc57434bbd2b.jpg (deflated 0%)

updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0144\_jpg.rf.b4bd1ea262a5303698070621b6be0d25.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes420\_png.rf.25655fb8ad5a9021e1863333bb5b1b70.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes159\_png.rf.8f92a308e45be3d2ee31b7b9ef1ae4ae.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0143\_jpg.rf.f07bcf6e7b4da7bee2cf5ac277b9c0c2.jpg (deflated 2%)  
updating: road\_anomalies-1/train/images/potholes546\_png.rf.3ab7b8ab7b5dd148b26beaff82b86bb9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000163\_jpg.rf.109a9949705f96f671bb2fa623629346.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0248\_jpg.rf.a9cec80e4f548611e29c5c052bf8bd22.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000137\_jpg.rf.6c1128b05c2b8a7cd22d08383138d36c.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/7\_jpeg.rf.21b06d796a133d4e90efe6be988cf c0d.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes168\_png.rf.8865361afcf0c737159d204e8fa23df0.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes528\_png.rf.bc94396174able058efc2c1c6eaf7d8a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/80\_jpeg.rf.77a29ef3baff9e9fe7aa353493a37efe.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes342\_png.rf.49eb3658ec153e644173884alf8c48a4.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-8-\_jpg.rf.b148ecbe697a74ccd31cc573c43df2a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0221\_jpg.rf.90efaae0a3dbd2d7469ce7c6fbf0a6d9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes547\_png.rf.fe964ea31d722aced98e68245c011d9c.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0049\_jpg.rf.4644b910f706c749fc4d2e2d00ab63c7.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes503\_png.rf.1af4f0904f432075dfa1ce83abc59d22.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes396\_png.rf.80419ce8b5f4511f5cb5e8281b7ef2bf.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes581\_png.rf.3bd63e14dc266c0df42daf31b5abcae6.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes500\_png.rf.55b0767668c62bac1f1e751965a395a4.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0164\_jpg.rf.92ccfdaf8ec5alf6311309dcab051a34.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes506\_png.rf.4bed126e50cd08826ba4845252ad9c1d.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes307\_png.rf.a2cb457d0d2cedbe8b197b4c9286fd0d.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000041\_jpg.rf.0502466f8d565e5d3d8d6edde9909ccf.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes600\_png.rf.ae07e75a3c8e88f0772269c18f9ddb78.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0305\_jpg.rf.9d6238f6ac0eb433ae83c545104886c4.jpg (deflated 1%)

updating: road\_anomalies-1/train/images/potholes594\_png.rf.a1dad07c4e45928ec7a905c0d14f6c05.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/2\_jpeg.rf.3362531c07f71016c03e1921a35fc2bf.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/66\_jpeg.rf.22fe1bc027120d5ce7162c15d8a2e00b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes558\_png.rf.f7518876c84458ceb320bb51c3ffe2bb.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/163\_jpeg.rf.e0de286d1b8e7752b9f97fd7cfa7f078.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes492\_png.rf.7ce3898733649beb23dc315a57b40564.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/128\_jpeg.rf.970c36f5a7ca6df85274dbc6359a77fc.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000023\_jpg.rf.e54875a05e58a00711be780b38a44c37.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes499\_png.rf.9d386cf59e22d166ff37735825ecfa42.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes486\_png.rf.25bfb0c6b734ba63c07fbed89c27ba28.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000176\_jpg.rf.06433d3e02138730eccc329d7d2a6386.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes629\_png.rf.01b325002d835d7d3ceb864e42a387c.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes56\_png.rf.52aa1d62ffb0fd3deb045e4e3f55dbce.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000147\_jpg.rf.cfd0fbe4784ddab99059c6a63cc3016b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0214\_jpg.rf.b35cd1cc9ff9099bbb76fccbb6c9c34f.jpg (deflated 2%)  
updating: road\_anomalies-1/train/images/potholes524\_png.rf.7e775beda0fdd727c296a7167d523061.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/149\_jpeg.rf.34d9f3c5ec1a97a105855d37f9f27a55.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes532\_png.rf.1c403700de393f5ddaee40573f8b5a33.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes470\_png.rf.4a2ae37f41e893292ba7ebe07e6e8592.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes301\_png.rf.d287c872348a3b2383de77733df23fd2.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes293\_png.rf.4ad3a6590f1646bd79c92d1a3bc06554.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes334\_png.rf.bbd7ad242ea957659e2f932e88e4cled.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes201\_png.rf.2614615bba3f7b293405f17918c7ed54.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000164\_jpg.rf.9688ec67b202dc71d6f00b42a92fb107.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes105\_png.rf.0ac2a2846982ce0bf231d473b93e505b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000091\_jpg.rf.0090d7186256afd4aee0f3045cb9339a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-2-\_jpg.rf.50807fc2a1eb238695ca8c04e1cdfba8.jpg (deflated 0%)

updating: road\_anomalies-1/train/images/potholes458\_png.rf.130b2c2617d1c663f6ab498599fc53b8.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes566\_png.rf.aa7a3804d24c0bb2507b544ba9e740cb.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes560\_png.rf.208fb725581a7e5132182dcdbcab74b1.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/21\_jpeg.rf.5a3ddceb094c6ff7bfa7bd0c9dccdbbc.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes392\_png.rf.d391ed79ef475b5565b67346c74406c6.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes324\_png.rf.db0a487ced29396532662cec885cd549.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/164\_jpeg.rf.9899f96194572e60d91bf4faa0d5b3c0.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes353\_png.rf.f4848f7a1b6da45ae73fb78018fdb0a4.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes477\_png.rf.d30416d55f3ac00ea9ed712b81094612.jpg (deflated 2%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0219\_jpg.rf.f7e0dd2cf997ddc410235b8762c8d90a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes58\_png.rf.57914249dc44bce13f6675af3e80048f.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/1\_jpeg.rf.3cbfa22b50c0acc5b7b083b3624c1b94.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/132\_jpeg.rf.3ba33ce28cc7fa032d3cca7332ee0f22.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes176\_png.rf.9797b3fa250cf03971ecf19a7a8ce4d9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes404\_png.rf.363e6c294a784593e9d98cd33f4aa29c.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0180\_jpg.rf.b15a6ca776a14aee0d606feb03e47d47.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-26-\_jpg.rf.448e3c08f2909a1afbcb69d2c7e40454.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes106\_png.rf.f9cc98286a4ae079366442aa4310c199.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0132\_jpg.rf.f54219106a6e16e0d4084a69d1da94ff.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes473\_png.rf.39d9ca80e84fe10db0f94020ee8a4775.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0187\_jpg.rf.13d72249bb20d4640b6ab0774fd18fa6.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0264\_jpg.rf.e9abca2d8cf92fdf1184a2a48410c621.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/6\_jpeg.rf.18cd9c65fe9a0494a25f7990ad2c354c.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes382\_png.rf.36f751d1768d0fedad456d8ccd0d84d9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/7\_jpeg.rf.9e3082903aa458b71461dd120ee5f405.jpg (deflated 6%)  
updating: road\_anomalies-1/train/images/potholes443\_png.rf.268012ae01a60304e009f384e3f6e85e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000193\_jpg.rf.32ed4f38415b4dda670093a67d1dc2e2.jpg (deflated 0%)



updating: road\_anomalies-1/train/images/China\_MotorBike\_000073\_jpg.rf.061ee175b1112dd4304d50b9e1675c5a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000088\_jpg.rf.25728cc16d23cbc569f9931f2ac57164.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes452\_png.rf.f2b0a33a0a252e48c3cd218e49278c8e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes343\_png.rf.9ed9e22713ee3e30431245662011feb7.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/180\_jpeg.rf.1364c2bc1e889b17766391cfd43e528e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes424\_png.rf.0d015335789b446c5d6de4317e7cc460.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes326\_png.rf.6c57faa7e72296e9b125de2fdb3d4d38.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes140\_png.rf.298df6034148ed75bc88935a02bdf84b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes399\_png.rf.98fbff437c5cce87ce7613ef00631ce2.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0159\_jpg.rf.f95c42b0de81f46afc25693ae7373c87.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes225\_png.rf.6cedc5bed006c1983alee283ac67983d.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes290\_png.rf.10a93bdf001d9cbdb1609566ab22055.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes380\_png.rf.83355d7250d24ad036a6737ffaacbb89.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes514\_png.rf.a6137cb18c63c4b72f62c6c6c5f2b6fa.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes287\_png.rf.4c0012547986b1559d8a7fbfbb8dfec0.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/Fallen\_trees-29-\_jpg.rf.029b1933c5d12fa94a14e69d4dd32260.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000021\_jpg.rf.e5e53fab520a07ff22ce2e31339f772a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes541\_png.rf.7d980b19ffae201abe94686bf48a472a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0247\_jpg.rf.bad50f757a6af3de9fd1ae3ac7031941.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes359\_png.rf.773a00082081898ac128aaedd7920fb9.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/58\_jpeg.rf.e54df36a01e7292a05b4a7718852ec6f.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes555\_png.rf.f5e7e2d17c32114c653e03144accd2e4.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes192\_png.rf.884ca9ee25e228971df89d0535bb2aad.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/aa68677983e09d2e61ff633f0f1e67b4\_jpg.rf.f.2eef29b8f7ee566619ba4c922c349f67.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes126\_png.rf.bac900576bc4641312c9812479a3f5ca.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes131\_png.rf.fe5b48a38d748bd782bd58dc50f169a7.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000105\_jpg.rf.372fb24684862cc2cc5511b6aff958bd.jpg (deflated 0%)

updating: road\_anomalies-1/train/images/10\_jpeg.rf.36b183c95d98e2bc09627a9a931e  
cea8.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0204\_jpg.rf.fed3b4c6200b  
fcbd7c5dce7d0c0c269d.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes152\_png.rf.019ac2ecb527b8ed2210  
2f8e44149f02.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000019\_jpg.rf.dcaf8875d  
6a2cb2d04aec56802122d11.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0263\_jpg.rf.cb9c0174e404  
576b4a9a56905026f0af.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-Sdn5VdJqRac-0187\_jpg.rf.c106cd84679f  
caf5adc5e9f41e4eaf7e.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0214\_jpg.rf.93470d91017c  
8c42df18251642470449.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/yt-k33z6JeCvdc-0213\_jpg.rf.06f7412d1d23  
85f8405a99997a117395.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes574\_png.rf.4d8a9f007cfd04754e8c  
276f76a68f12.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/potholes171\_png.rf.c2233a96ca9a4c3b0fd0  
2071c6973e8a.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes231\_png.rf.611cdb25e7e93a64b4de  
8dedd0ea8512.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/PXQpuoGYatM\_jpg.rf.9f10afbb077ac87fbc9f  
cb78435alef0.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes508\_png.rf.9cd6c773cf875f4b77f2  
a52ffcc795eb.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes179\_png.rf.b2dad37d17e1af0021ca  
5d18e36cd33e.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes112\_png.rf.250cc5905a545ecdeaa7  
d11883a56c9b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000199\_jpg.rf.57bdfd2cc  
d5bd8c2e4d285fc925dee47.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes348\_png.rf.521e15e9be4de7a5ab59  
fb575d8ed15b.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes206\_png.rf.9eef1534ae017c16cffc  
bf2be5a8d9aa.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/94\_jpeg.rf.921942e8a9b2110791ca65653824  
0cff.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000157\_jpg.rf.1ac1a0598  
e82c0f172d9f8f137d46bb2.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000049\_jpg.rf.2f16ac0ea  
8ce21c90d5d075286a3d2dd.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes597\_png.rf.76a3a96d14a217e8b1cf  
523b4be8685c.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000099\_jpg.rf.d2b6eed3d  
360680f30b6266c4fd22888.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/potholes282\_png.rf.51cc502c1bb0148c4a88  
36e4a48cf099.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/89\_jpeg.rf.47b2e9cf9b999c3883062a814c44  
8bec.jpg (deflated 1%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000146\_jpg.rf.c095bfd52  
44827757c9aa44b676alac0.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/China\_MotorBike\_000165\_jpg.rf.5f7bc59ec  
46f59a4650f33c368ac6fb6.jpg (deflated 0%)

updating: road\_anomalies-1/train/images/potholes1\_png.rf.d6a62d4de02678a29f5460255d0cef39.jpg (deflated 0%)  
updating: road\_anomalies-1/train/images/75\_jpeg.rf.36af1f69b294ae52e18c0761bf5de204.jpg (deflated 0%)  
updating: road\_anomalies-1/train/labels/ (stored 0%)  
updating: road\_anomalies-1/train/labels/potholes318\_png.rf.f38e1a996426d6f70ef197581875111a.txt (deflated 30%)  
updating: road\_anomalies-1/train/labels/potholes500\_png.rf.55b0767668c62bac1f1e751965a395a4.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/potholes42\_png.rf.14f1ef8a2437c33b484069f9be912d78f.txt (deflated 65%)  
updating: road\_anomalies-1/train/labels/potholes592\_png.rf.e677830aa110473bbd9177d98faee6b1.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/photo\_3\_2024-11-04\_15-47-54\_jpg.rf.c6c3c81eac2bf8e22bd46ebe4d6c5531.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/potholes168\_png.rf.8865361afc0c737159d204e8fa23df0.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000157\_jpg.rf.1ac1a0598e82c0f172d9f8f137d46bb2.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000144\_jpg.rf.c9c885836789976bd91babfc8342a22d.txt (deflated 45%)  
updating: road\_anomalies-1/train/labels/potholes446\_png.rf.11ee7b9ef79c62696d4ac1568f67769b.txt (deflated 56%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000184\_jpg.rf.515b1e6c07bddb26eb2f2103bf1fe203.txt (deflated 21%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-6-\_jpg.rf.e858a7fb5e5c34ad81cc1f78183ff780.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0204\_jpg.rf.fed3b4c6200bfcbd7c5dce7d0c0c269d.txt (deflated 45%)  
updating: road\_anomalies-1/train/labels/3\_jpeg.rf.46f88814f89af07d26676de13573c094.txt (deflated 62%)  
updating: road\_anomalies-1/train/labels/photo\_1\_2024-11-04\_15-47-54\_jpg.rf.ec7e43f547f4ad6f1c4c41fe411acabc.txt (deflated 27%)  
updating: road\_anomalies-1/train/labels/potholes451\_png.rf.21b70486f055bf8ea9768a9f32cfefee.txt (deflated 48%)  
updating: road\_anomalies-1/train/labels/180\_jpeg.rf.1364c2bc1e889b17766391cfd43e528e.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/potholes567\_png.rf.e4023a221ca553ea9006518a92d5d0c2.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0197\_jpg.rf.6f78bc7027b1d08c6f708ddf1b166973.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/88\_jpeg.rf.9aa077d789479b1f1ac618b3bb42c83e.txt (deflated 66%)  
updating: road\_anomalies-1/train/labels/potholes459\_png.rf.881a803e915db8341ce2230677ddc1c2.txt (deflated 45%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0187\_jpg.rf.c106cd84679fc5ad5c5e9f41e4eaf7e.txt (deflated 59%)  
updating: road\_anomalies-1/train/labels/potholes503\_png.rf.1af4f0904f432075dfa1ce83abc59d22.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/4\_jpeg.rf.8191b93cec0eb7d156696aa1276f0cc8.txt (deflated 27%)  
updating: road\_anomalies-1/train/labels/potholes131\_png.rf.fe5b48a38d748bd782bd58dc50f169a7.txt (deflated 28%)  
updating: road\_anomalies-1/train/labels/3\_jpeg.rf.9e05d5a5777980e553e24aa17ba68

c94.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/photo\_10\_2024-11-04\_15-47-54\_jpg.rf.8df8306ff8113678ddf356285f21d61b.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/potholes201\_png.rf.2614615bba3f7b293405f17918c7ed54.txt (deflated 31%)  
updating: road\_anomalies-1/train/labels/potholes543\_png.rf.a5a442773e2c3722a04ad861157e792d.txt (deflated 22%)  
updating: road\_anomalies-1/train/labels/potholes16\_png.rf.2666c1e2e6099d6bfd18cc57434bbd2b.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/potholes570\_png.rf.6bd56f2d6fb15442eee7d9a2577c7614.txt (deflated 48%)  
updating: road\_anomalies-1/train/labels/potholes396\_png.rf.80419ce8b5f4511f5cb5e8281b7ef2bf.txt (deflated 65%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0257\_jpg.rf.7f805c0f50d6261498bfa8ccbd54beb1.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000004\_jpg.rf.d24d5cf0ec83313fcec09f237559f929.txt (deflated 32%)  
updating: road\_anomalies-1/train/labels/potholes363\_png.rf.d330ea0e1bd56e76dfc0391b38eba7a0.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/potholes430\_png.rf.25377d52bdd2ce0bf463cab968c3e38d.txt (deflated 30%)  
updating: road\_anomalies-1/train/labels/potholes210\_png.rf.0aaee17b14474867f06223d9f4db31e5.txt (deflated 55%)  
updating: road\_anomalies-1/train/labels/potholes401\_png.rf.e9e5595712db04f1503b52bba4feelbc.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/potholes359\_png.rf.773a00082081898ac128aaedd7920fb9.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/173\_jpeg.rf.0ca17e8b8f96ec8a8c84a1d763429b4e.txt (deflated 21%)  
updating: road\_anomalies-1/train/labels/potholes625\_png.rf.4bbb155fc2a30a0b345e1bfd1c8ff0f5.txt (deflated 43%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000053\_jpg.rf.31bc697f8e961a4c6162d66bb0372eae.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/potholes122\_png.rf.bbddf06a5897a4288d9e1a828aa3c2f7.txt (deflated 31%)  
updating: road\_anomalies-1/train/labels/potholes2\_png.rf.d54fac1f062038bfa872e4b869c92f83.txt (deflated 26%)  
updating: road\_anomalies-1/train/labels/9343b4ea0187de8440bf6dee6595436b\_jpg.rf.f43c37dcd5d884025e268090e910ac951.txt (deflated 26%)  
updating: road\_anomalies-1/train/labels/potholes463\_png.rf.9f772f5c3ca61b3167c09275f36f4c4a.txt (deflated 57%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0169\_jpg.rf.ab53fe066ccf3ec643627db490c81492.txt (deflated 57%)  
updating: road\_anomalies-1/train/labels/potholes530\_png.rf.3710d312dd0995edcc9e14e8245764fa.txt (deflated 25%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000055\_jpg.rf.44f00755d45d9738ce2c01c98f752e04.txt (deflated 41%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000192\_jpg.rf.7edb92fa8447dfd9e14dbdc051db56c2.txt (deflated 46%)  
updating: road\_anomalies-1/train/labels/76\_jpeg.rf.bbf808a75445495a9fe99e18fa47cc70.txt (deflated 59%)  
updating: road\_anomalies-1/train/labels/148\_png.rf.9367780de3d436e39d5bd848ec51f97a.txt (deflated 43%)  
updating: road\_anomalies-1/train/labels/potholes392\_png.rf.d391ed79ef475b5565b6

7346c74406c6.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/159\_jpeg.rf.3bb56fedd027fffac7a24f11e37  
22629.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/potholes555\_png.rf.f5e7e2d17c32114c653e  
03144accd2e4.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/potholes398\_png.rf.e39d6b7cebc2094666f5  
025afce3dfc9.txt (deflated 32%)  
updating: road\_anomalies-1/train/labels/potholes381\_png.rf.68ca904e0640cf083c94  
a95cf5495497.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000019\_jpg.rf.dcaf8875d  
6a2cb2d04aec56802122d11.txt (deflated 44%)  
updating: road\_anomalies-1/train/labels/31\_jpeg.rf.9463d6157200bab8707a58790db6  
e8ef.txt (deflated 60%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0201\_jpg.rf.60c8e729bbfe  
f5975bb05156f49195d5.txt (deflated 62%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000043\_jpg.rf.3ce3e3100  
3d2df3c9a1cc06740cbee9e.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/1649584355\_63-vsegda-pomnim-com-p-upavs  
hee-derevo-foto-71\_jpg.rf.c176acdc3c62890ac7b9a1605141088b.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/11\_jpeg.rf.1edd69a550315ee39ef01bcf60fb  
cla8.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/potholes227\_png.rf.dce0f5e26941dc1bb5bc  
4e8f13924edc.txt (deflated 39%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0217\_jpg.rf.f2c9cb196ae0  
3b5737c6cc23a62ec4b5.txt (deflated 58%)  
updating: road\_anomalies-1/train/labels/potholes394\_png.rf.125f8f3ea32f46001ae1  
a36cf135f0fb.txt (deflated 54%)  
updating: road\_anomalies-1/train/labels/potholes524\_png.rf.7e775beda0fdd727c296  
a7167d523061.txt (deflated 19%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000090\_jpg.rf.320fb3f38  
77e5fc4a00b95cb5e37174e.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/potholes344\_png.rf.aabb26d013aff3781a23  
74dd1740d831.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000088\_jpg.rf.25728cc16  
d23cbc569f9931f2ac57164.txt (deflated 37%)  
updating: road\_anomalies-1/train/labels/potholes422\_png.rf.dec37c04352c7038f125  
12b976edb9c4.txt (deflated 19%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000202\_jpg.rf.bde32d0c0  
7391084d0ecf4d6e291f4e1.txt (deflated 13%)  
updating: road\_anomalies-1/train/labels/potholes137\_png.rf.8f1801b44ba8c0bd50ee  
239292c74230.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/122\_jpeg.rf.1a3b4d99752572414ff20ccacab  
6ee2a.txt (deflated 26%)  
updating: road\_anomalies-1/train/labels/69\_jpeg.rf.8867a0100de9bf35c2ecc198e334  
b478.txt (deflated 28%)  
updating: road\_anomalies-1/train/labels/potholes13\_png.rf.d45939b305336f4bffb5  
9880b2dc636.txt (deflated 34%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0150\_jpg.rf.569da9b05e8e  
5d6a38e2c0ef637ca5b2.txt (deflated 55%)  
updating: road\_anomalies-1/train/labels/potholes469\_png.rf.a8013430177b38ec2c3d  
060831688ff9.txt (deflated 37%)  
updating: road\_anomalies-1/train/labels/potholes41\_png.rf.922a5bc8e6c3e5627fe81  
alce5eb1350.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0276\_jpg.rf.1170bcea1656

375ed601f9f3c4b9a552.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/potholes395\_png.rf.2596409f2e44e5a37132301f4a104dc4.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/potholes472\_png.rf.06053971753799caf69559701f7f72f6.txt (deflated 28%)  
updating: road\_anomalies-1/train/labels/potholes212\_png.rf.152560a2633e8bba36aa3dac6ba2f11b.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0166\_jpg.rf.34613d07def1cd260070426c09a391aa.txt (deflated 47%)  
updating: road\_anomalies-1/train/labels/114\_jpeg.rf.52be50c3f4780a6ac77e9875e202c600.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/potholes528\_png.rf.bc94396174able058efc2c1c6eaf7d8a.txt (deflated 34%)  
updating: road\_anomalies-1/train/labels/73\_jpeg.rf.374c197d8232918b9c7d765c0d03d9f9.txt (deflated 19%)  
updating: road\_anomalies-1/train/labels/potholes354\_png.rf.5bf816d4dd93c5875e51f75550131668.txt (deflated 47%)  
updating: road\_anomalies-1/train/labels/potholes161\_png.rf.a708230a6879029559d36a953e91affd.txt (deflated 45%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000052\_jpg.rf.0e95d7b2a5b04ec46aa5c30e667b46e3.txt (deflated 32%)  
updating: road\_anomalies-1/train/labels/potholes153\_png.rf.30a67d2a911099246bcfe21feb5cdf2.txt (deflated 48%)  
updating: road\_anomalies-1/train/labels/potholes627\_png.rf.23bacf35097710282b38416e17f98d4e.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/10\_jpeg.rf.36b183c95d98e2bc09627a9a931ecea8.txt (deflated 54%)  
updating: road\_anomalies-1/train/labels/potholes224\_png.rf.0d65f7605004cd04466671535292ecd6.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/potholes617\_png.rf.3b3d79cba58fe5d0f82e9a616d648488.txt (deflated 37%)  
updating: road\_anomalies-1/train/labels/potholes434\_png.rf.7574f21e2d851ecf73782206901be70d.txt (deflated 63%)  
updating: road\_anomalies-1/train/labels/potholes638\_png.rf.2df557997c64b5fac43cb022c7belb98.txt (deflated 12%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000096\_jpg.rf.afb4c4139cb4d1fd89273e28c3a4893b.txt (deflated 28%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0118\_jpg.rf.955ee7650e4967b2a40c5e8a90926a57.txt (deflated 51%)  
updating: road\_anomalies-1/train/labels/potholes308\_png.rf.b870ec24a01c75e5ab7cf64cb39679f6.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0129\_jpg.rf.e359651775e12413967d78bd9381abdb.txt (deflated 58%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000205\_jpg.rf.856875c60104fb4cel5f4875df4f745f0.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/potholes521\_png.rf.13c51c5410857c2eaale4fca48dc5dcf.txt (deflated 13%)  
updating: road\_anomalies-1/train/labels/potholes37\_png.rf.687099bcb8cebae147097ffbb47aa700.txt (deflated 37%)  
updating: road\_anomalies-1/train/labels/potholes331\_png.rf.2f70c869585710283beb fad074005600.txt (deflated 23%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000064\_jpg.rf.90ad7a62ed869b2c07dbaec424bcab8b.txt (deflated 56%)  
updating: road\_anomalies-1/train/labels/potholes633\_png.rf.16038741eb543735d610

e4498154db00.txt (deflated 34%)  
updating: road\_anomalies-1/train/labels/91\_jpeg.rf.228c5920c8b5c10368af038e15097398.txt (deflated 24%)  
updating: road\_anomalies-1/train/labels/18-\_jpeg.rf.ce745910f287a97bbcde609da4fd3819.txt (deflated 45%)  
updating: road\_anomalies-1/train/labels/19\_jpeg.rf.1d6e496e09f49797f56d47d393a4dfe1.txt (deflated 54%)  
updating: road\_anomalies-1/train/labels/potholes297\_png.rf.7e26936d0a30319f71f90b01a053928f.txt (deflated 37%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000057\_jpg.rf.fe280828323d20183cf941e6a139f350.txt (deflated 8%)  
updating: road\_anomalies-1/train/labels/80\_jpeg.rf.77a29ef3baff9e9fe7aa353493a37efe.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0182\_jpg.rf.a6de07822081f40e595ca9f1040f391a.txt (deflated 46%)  
updating: road\_anomalies-1/train/labels/72\_jpeg.rf.0e425c24ad6f0ceedd7c0f5f33204136.txt (deflated 4%)  
updating: road\_anomalies-1/train/labels/84\_jpeg.rf.cda701a6772295819f42d2333cb151d6.txt (deflated 45%)  
updating: road\_anomalies-1/train/labels/38\_jpeg.rf.56e61f3c030ef1831081d20db4ea64be.txt (deflated 59%)  
updating: road\_anomalies-1/train/labels/potholes540\_png.rf.119990c63a57ff5455996035d6b58759.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000159\_jpg.rf.1f801ce3dfdf97305e42d9c5743895f6.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/potholes141\_png.rf.17078c8fc9f6e5cd1cdf2fcef504d530.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000164\_jpg.rf.9688ec67b202dc71d6f00b42a92fb107.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/potholes229\_png.rf.e554ed65e31144cf9fcc6642e701c8cf.txt (deflated 24%)  
updating: road\_anomalies-1/train/labels/potholes605\_png.rf.4dc51224d24c2840f9db4c977c7a9900.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/potholes215\_png.rf.2f7f6ab585f82a95ef88d2320d5e0831.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/132\_jpeg.rf.3ba33ce28cc7fa032d3cca7332ee0f22.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/potholes149\_png.rf.ad208e48875d2693e80f6968eaec0a47.txt (deflated 60%)  
updating: road\_anomalies-1/train/labels/potholes288\_png.rf.4da93b8df1cd3c313647f87007795328.txt (deflated 24%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000104\_jpg.rf.b9c93987730d5460bcfa241058f07f5a.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/potholes634\_png.rf.5b7c1f7a9f3b879051f69288b929a8a7.txt (deflated 60%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000170\_jpg.rf.09c61470a1081d9674003e4116b08b33.txt (deflated 50%)  
updating: road\_anomalies-1/train/labels/9\_jpeg.rf.91226aea009020724541c8ac2309f35e.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-5-\_jpg.rf.4780f51ad5a93b761f707d3418f7ec2f.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/potholes409\_png.rf.b954278d64dd557e30d18f74b16786fa.txt (deflated 53%)  
updating: road\_anomalies-1/train/labels/potholes334\_png.rf.bbd7ad242ea957659e2f

932e88e4cled.txt (deflated 53%)  
updating: road\_anomalies-1/train/labels/potholes478\_png.rf.ffa45de5764b9fdb305c6a6b959e26cb.txt (deflated 38%)  
updating: road\_anomalies-1/train/labels/potholes420\_png.rf.25655fb8ad5a9021e1863333bb5b1b70.txt (deflated 22%)  
updating: road\_anomalies-1/train/labels/potholes441\_png.rf.f5060334933d29cf66d1eea66f66be89.txt (deflated 43%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000178\_jpg.rf.997719a6453f7bf042da31441825522c.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/potholes581\_png.rf.3bd63e14dc266c0df42daf31b5abcae6.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/potholes629\_png.rf.01b325002d835d7d3ceb a864e42a387c.txt (deflated 63%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000068\_jpg.rf.d72a38e29779a458d1136fcd9e3c68a8.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/potholes303\_png.rf.0a5e31232865b59c77adb817ed732878.txt (deflated 32%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-22-\_jpg.rf.b32c6665e787f66d477edb6c84f871ae.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/potholes452\_png.rf.f2b0a33a0a252e48c3cd218e49278c8e.txt (deflated 49%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000163\_jpg.rf.109a9949705f96f671bb2fa623629346.txt (deflated 23%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0133\_jpg.rf.a87f69051b18186546f4e29705ac17cc.txt (deflated 11%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000173\_jpg.rf.da8f131a7b154325f8daebdeba2a2c6b.txt (deflated 58%)  
updating: road\_anomalies-1/train/labels/potholes140\_png.rf.298df6034148ed75bc88935a02bdf84b.txt (deflated 19%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0170\_jpg.rf.acde1ald43479529752f3c582e7d8404.txt (deflated 58%)  
updating: road\_anomalies-1/train/labels/potholes176\_png.rf.9797b3fa250cf03971ecf19a7a8ce4d9.txt (deflated 23%)  
updating: road\_anomalies-1/train/labels/potholes316\_png.rf.d2dbb2a8d45156c9c401bbeef7cf914d.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0333\_jpg.rf.6e84122c298051e3a5e2cd1f5ee2cb0a.txt (deflated 44%)  
updating: road\_anomalies-1/train/labels/potholes120\_png.rf.22d3368413b1a171c9dfcaebdca577fb.txt (deflated 48%)  
updating: road\_anomalies-1/train/labels/potholes298\_png.rf.41b70e47073f4093797403faaa8eee19.txt (deflated 22%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0168\_jpg.rf.53cc3f1589859e9a0f17e8a6f925c0d7.txt (deflated 45%)  
updating: road\_anomalies-1/train/labels/44\_jpeg.rf.d09b6928f1af4e2b4af9c854fdecf87c.txt (deflated 46%)  
updating: road\_anomalies-1/train/labels/potholes213\_png.rf.35f9683f19ce2dce8b24c9908e43392e.txt (deflated 23%)  
updating: road\_anomalies-1/train/labels/potholes382\_png.rf.36f751d1768d0fedad456d8ccd0d84d9.txt (deflated 46%)  
updating: road\_anomalies-1/train/labels/potholes358\_png.rf.562bd9e4a9bb8e64ca28de7f30b8c0d9.txt (deflated 26%)  
updating: road\_anomalies-1/train/labels/potholes542\_png.rf.6a0761828dfba8df1bc5d61540b368b1.txt (deflated 53%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000001\_jpg.rf.a0dfc975d



b78808f7ddfdadee38dbdf7.txt (deflated 19%)  
updating: road\_anomalies-1/train/labels/potholes443\_png.rf.268012ae01a60304e009f384e3f6e85e.txt (deflated 47%)  
updating: road\_anomalies-1/train/labels/10\_jpeg.rf.ec4eb5a778ad858731859ac5095e022c.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/potholes147\_png.rf.3e14ae49377c7b1df8b4901abca56543.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/potholes342\_png.rf.49eb3658ec153e644173884a1f8c48a4.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000039\_jpg.rf.d24bead6af5c8702e03a7e0b34391775.txt (deflated 34%)  
updating: road\_anomalies-1/train/labels/potholes464\_png.rf.dc8e4f18fbe7949a2ff1f65d4006e45f.txt (deflated 22%)  
updating: road\_anomalies-1/train/labels/potholes49\_png.rf.8aa03c9854edafffc20360f86fb2c46a.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/potholes200\_png.rf.19ae0e91562b39c51b29867780dc7381.txt (deflated 37%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-31-\_jpg.rf.35b91d70b1e954a77dfb127aa0b789c4.txt (deflated 28%)  
updating: road\_anomalies-1/train/labels/potholes637\_png.rf.d80805f9336a161dc8be185836906df5.txt (deflated 31%)  
updating: road\_anomalies-1/train/labels/potholes286\_png.rf.47419cffef5ea48a54cbf07edf2260a9.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/potholes180\_png.rf.9f0ad7d93da5dce90a1653c566f87e0c.txt (deflated 25%)  
updating: road\_anomalies-1/train/labels/potholes166\_png.rf.af65478a3c9636d10166eba994d22f0e.txt (deflated 19%)  
updating: road\_anomalies-1/train/labels/94\_jpeg.rf.921942e8a9b2110791ca656538240cff.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0159\_jpg.rf.f95c42b0de81f46afc25693ae7373c87.txt (deflated 57%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0230\_jpg.rf.640debde3024377212d6846f1fc5b481.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/potholes429\_png.rf.242b8ba55722972bddb4b101ea69ea7a.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000007\_jpg.rf.127b52addab81fd07db4d0ead7d359bb.txt (deflated 54%)  
updating: road\_anomalies-1/train/labels/potholes15\_png.rf.da309c897e8d6134c4fa723c20123116.txt (deflated 22%)  
updating: road\_anomalies-1/train/labels/potholes558\_png.rf.f7518876c84458ceb320bb51c3ffe2bb.txt (deflated 40%)  
updating: road\_anomalies-1/train/labels/potholes185\_png.rf.a33895d61281d94d224b52c91a5bf950.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/89\_jpeg.rf.47b2e9cf9b999c3883062a814c448bec.txt (deflated 12%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000198\_jpg.rf.527e1e55e69d20969d20bca74b7a4639.txt (deflated 24%)  
updating: road\_anomalies-1/train/labels/potholes152\_png.rf.019ac2ecb527b8ed22102f8e44149f02.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/potholes225\_png.rf.6cedc5bed006c1983a1ee283ac67983d.txt (deflated 45%)  
updating: road\_anomalies-1/train/labels/potholes526\_png.rf.a886af20fde1f4a3a26031a1c4396e45.txt (deflated 60%)  
updating: road\_anomalies-1/train/labels/41\_jpeg.rf.cb57628ceeb704ab6cbcd3bddcbc

52d0.txt (deflated 58%)  
updating: road\_anomalies-1/train/labels/potholes336\_png.rf.bec9214d6da2f52314b1c31138299855.txt (deflated 45%)  
updating: road\_anomalies-1/train/labels/144\_jpeg.rf.833ced8929af89b2b9265b84dd8df89c.txt (deflated 58%)  
updating: road\_anomalies-1/train/labels/potholes335\_png.rf.b4525244be63bfa6d08238f0a4cd5741.txt (deflated 34%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0179\_jpg.rf.1941e793e8da bcdde3919f3614225633.txt (deflated 51%)  
updating: road\_anomalies-1/train/labels/18\_jpeg.rf.bledc3adea0559683a5af16a44d25c65.txt (deflated 21%)  
updating: road\_anomalies-1/train/labels/potholes513\_png.rf.8cd40733f9605077e69d9c35cfa981eb.txt (deflated 27%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000026\_jpg.rf.8686a710a58cc7efafal4fae2d31df46.txt (deflated 46%)  
updating: road\_anomalies-1/train/labels/potholes501\_png.rf.9b34ac551c359a13f70fa357b4c6af94.txt (deflated 55%)  
updating: road\_anomalies-1/train/labels/potholes376\_png.rf.3b9be0f4e9752d0210569cd89a225f6f.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000130\_jpg.rf.2344762895d845d5cfc6e255150692b1.txt (deflated 44%)  
updating: road\_anomalies-1/train/labels/potholes585\_png.rf.57ba9f642556b6db3a2cfal5e7a2b0f3.txt (deflated 37%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0132\_jpg.rf.065068f618fe04d65eb865790438a17c.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0193\_jpg.rf.6fa693d9aa90f84309e5f11f7b0db955.txt (deflated 50%)  
updating: road\_anomalies-1/train/labels/potholes293\_png.rf.4ad3a6590f1646bd79c92d1a3bc06554.txt (deflated 24%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000131\_jpg.rf.8e917f6bdee73fe867e32b25d4a43f24.txt (deflated 55%)  
updating: road\_anomalies-1/train/labels/potholes23\_png.rf.b50c390d835d85c0d65b0b2a76e13811.txt (deflated 19%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-13-\_jpg.rf.38b10d779a423a265048b5214e16d15d.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/15\_jpeg.rf.339941cdf60869b69c83c8fe4b489572.txt (deflated 26%)  
updating: road\_anomalies-1/train/labels/potholes121\_png.rf.840cb1521652e73b2ce98db89d200e8c.txt (deflated 68%)  
updating: road\_anomalies-1/train/labels/potholes557\_png.rf.9c3c93cad9a46fc9f4b2c5d5a4181f03.txt (deflated 31%)  
updating: road\_anomalies-1/train/labels/potholes39\_png.rf.062f026b21c7805e8e97c2a346ad6493.txt (deflated 68%)  
updating: road\_anomalies-1/train/labels/potholes106\_png.rf.f9cc98286a4ae079366442aa4310c199.txt (deflated 24%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000171\_jpg.rf.0a322fdb26513a8ae2a5c86d2c05142d.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/potholes32\_png.rf.56ae4ea938d28a85b9b6db0ccf7e1840.txt (deflated 32%)  
updating: road\_anomalies-1/train/labels/potholes410\_png.rf.c8ce4bb32b5222bbd917f491e59afeb6.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/potholes314\_png.rf.2aa206d0752680710350bb6b3c3c4d33.txt (deflated 54%)  
updating: road\_anomalies-1/train/labels/158\_jpeg.rf.7fcd328fa2d7b64ae62487b95ea

9d93f.txt (deflated 23%)  
updating: road\_anomalies-1/train/labels/108\_jpg.rf.30c2cec1c0296ac4f252ee45e1fd95f9.txt (deflated 64%)  
updating: road\_anomalies-1/train/labels/potholes45\_png.rf.2690bc6c29d3c290da4a4f7019014fb9.txt (deflated 57%)  
updating: road\_anomalies-1/train/labels/18\_jpeg.rf.cd4ef6acd1e629cb86f61c82976d839b.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000180\_jpg.rf.c7c3e391fad04bc35735e94df754ce49.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0131\_jpg.rf.8cd7c62b4b7412435008064d34b50187.txt (deflated 45%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0050\_jpg.rf.062cee57b9835af7d3482d4bec3d1a04.txt (deflated 56%)  
updating: road\_anomalies-1/train/labels/potholes424\_png.rf.0d015335789b446c5d6de4317e7cc460.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000045\_jpg.rf.a5906df2701a884b4c540c52a411a716.txt (deflated 45%)  
updating: road\_anomalies-1/train/labels/2\_jpeg.rf.d34e2133c8d2c392c35947717c58934c.txt (deflated 58%)  
updating: road\_anomalies-1/train/labels/potholes5\_png.rf.6d3694c01784796057601420a7f72a55.txt (deflated 31%)  
updating: road\_anomalies-1/train/labels/potholes209\_png.rf.7e21fa8fb1b956cbf4d709887240c30f.txt (deflated 43%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0157\_jpg.rf.d89382a9ee8c9fd4delc4a91afa3b019.txt (deflated 55%)  
updating: road\_anomalies-1/train/labels/potholes630\_png.rf.0b5b04bfe605ee41d0a67f2901403540.txt (deflated 65%)  
updating: road\_anomalies-1/train/labels/potholes477\_png.rf.d30416d55f3ac00ea9ed712b81094612.txt (deflated 53%)  
updating: road\_anomalies-1/train/labels/47\_jpeg.rf.14d97d8a98ef2777f7a06cf3bbad0de4.txt (deflated 58%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0279\_jpg.rf.1f4ad63050142d1b85ef2ad415eaa716.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/PXQpuoGYatM\_jpg.rf.9f10afbb077ac87fbc9fcb78435alef0.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/potholes509\_png.rf.f966c68b3c1f619ce795alce4c717747.txt (deflated 43%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000137\_jpg.rf.6c1128b05c2b8a7cd22d08383138d36c.txt (deflated 50%)  
updating: road\_anomalies-1/train/labels/7\_jpeg.rf.21b06d796a133d4e90efe6be988cf0d.txt (deflated 46%)  
updating: road\_anomalies-1/train/labels/14\_jpeg.rf.5b7817222fdf602491e105d02b4c5326.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0215\_jpg.rf.769d877d515674c19ac4747bc9307cd9.txt (deflated 56%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0120\_jpg.rf.bc6c128b106c2b94847a723eb1cfdd2b.txt (deflated 51%)  
updating: road\_anomalies-1/train/labels/potholes454\_png.rf.482b5e94502a67e5ab12b9868bc53212.txt (deflated 64%)  
updating: road\_anomalies-1/train/labels/photo\_9\_2024-11-04\_15-47-54\_jpg.rf.3de504595c4eal173a6ela73e10d86b1.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/potholes1\_png.rf.d6a62d4de02678a29f5460255d0cef39.txt (deflated 29%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000033\_jpg.rf.6885dc53c

273d2907e6b82eb571d7515.txt (deflated 53%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000044\_jpg.rf.82b1164fd  
a390c5af2425beb0a1fb906.txt (deflated 24%)  
updating: road\_anomalies-1/train/labels/potholes198\_png.rf.71272fd1ef8df8bfd939  
612ebd8903bf.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000051\_jpg.rf.154a69bc8  
3513f2defb0701121e61807.txt (deflated 43%)  
updating: road\_anomalies-1/train/labels/potholes195\_png.rf.309d3febe4cc58f24318  
5a5002120fcl.txt (deflated 29%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-27-\_jpg.rf.bf625426d20384b  
f444718851bdce72a.txt (deflated 34%)  
updating: road\_anomalies-1/train/labels/potholes181\_png.rf.9a6d36ac8bb28e73b181  
741eaa08de10.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/potholes492\_png.rf.7ce3898733649beb23dc  
315a57b40564.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0260\_jpg.rf.bb619a2409e7  
2c612cfa7e5ba4371979.txt (deflated 51%)  
updating: road\_anomalies-1/train/labels/potholes496\_png.rf.a614cc68f622d05cc91f  
11327f53c786.txt (deflated 11%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0213\_jpg.rf.06f7412d1d23  
85f8405a99997a117395.txt (deflated 59%)  
updating: road\_anomalies-1/train/labels/photo\_6\_2024-11-04\_15-47-54\_jpg.rf.6b74  
c5fc59acabd81e5c23a4d45506d0.txt (deflated 22%)  
updating: road\_anomalies-1/train/labels/potholes527\_png.rf.602cd65e87c96f4bc3ed  
9b7edc688eea.txt (deflated 31%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-11-\_jpg.rf.5f0d3a6calbdeea  
67e0adb66621a561e.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/potholes486\_png.rf.25bfb0c6b734ba63c07f  
bed89c27ba28.txt (deflated 59%)  
updating: road\_anomalies-1/train/labels/potholes575\_png.rf.130f719296450dc8d009  
cd7c3d20cf03.txt (deflated 57%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0188\_jpg.rf.551001c5d4e4  
25e2f8f987d6ad522669.txt (deflated 57%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000060\_jpg.rf.d7f566c94  
b648a736765c751b7a13616.txt (deflated 37%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0186\_jpg.rf.c044c8547fcb  
e2f4409795d370aalc01.txt (deflated 54%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0218\_jpg.rf.f485be012086  
1259b370cc5d5b2698b9.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/potholes63\_png.rf.33256e6c1de23357a06e6  
ecbac20f5e7.txt (deflated 59%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0215\_jpg.rf.3b4521e6e6b0  
422fff701225f32c09e6.txt (deflated 57%)  
updating: road\_anomalies-1/train/labels/potholes632\_png.rf.389335e468434e979abb  
62836ee8ed3d.txt (deflated 31%)  
updating: road\_anomalies-1/train/labels/potholes368\_png.rf.97177fb340496b8c8213  
58313b6ed7ee.txt (deflated 68%)  
updating: road\_anomalies-1/train/labels/potholes458\_png.rf.130b2c2617d1c663f6ab  
498599fc53b8.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/16\_jpeg.rf.475674edf1c59d407c0eed68371a  
d3ef.txt (deflated 22%)  
updating: road\_anomalies-1/train/labels/129\_jpeg.rf.f4b0fd24333351a8c18fdfe64d3  
67b7b.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000188\_jpg.rf.ff8520c24

51dcalaf14beed5a0b42c26.txt (deflated 60%)  
updating: road\_anomalies-1/train/labels/161\_jpeg.rf.cec500803b7ef104733e94359c8  
dal66.txt (deflated 64%)  
updating: road\_anomalies-1/train/labels/potholes399\_png.rf.98fbff437c5cce87ce76  
13ef00631ce2.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/potholes475\_png.rf.3696ea9e2a355d807da9  
125b19falb72.txt (deflated 19%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-1-\_jpg.rf.049d6d111e69933a  
216867940a7bbde9.txt (deflated 12%)  
updating: road\_anomalies-1/train/labels/potholes508\_png.rf.9cd6c773cf875f4b77f2  
a52ffcc795eb.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/potholes628\_png.rf.7311c48e2788e8d25d26  
90b885995793.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/95\_jpeg.rf.823e4d628bfcdb76c6e71229dc3c  
5fbf.txt (deflated 47%)  
updating: road\_anomalies-1/train/labels/potholes621\_png.rf.9a1f897fc5d915f8dee2  
977b9956711a.txt (deflated 69%)  
updating: road\_anomalies-1/train/labels/potholes534\_png.rf.4bbd8b676bbf8b809755  
40f683b04f4e.txt (deflated 61%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000191\_jpg.rf.848136527  
37348507b17cf244750709d.txt (deflated 29%)  
updating: road\_anomalies-1/train/labels/81\_jpeg.rf.ad9edc820e2becf0c5aa0fc07273  
c5ab.txt (deflated 57%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0177\_jpg.rf.00ef37aa34be  
blacc5b52b407125db84.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/potholes602\_png.rf.a2c28d63d0982c6133b6  
a0a0f5a6blf7.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/21\_jpeg.rf.5a3ddceb094c6ff7bfa7bd0c9dcc  
cdbc.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000020\_jpg.rf.fc082dc71  
8fb6ae73831f3dda16aed6e.txt (deflated 45%)  
updating: road\_anomalies-1/train/labels/potholes626\_png.rf.040b2fd4cb634a0a6ce4  
c931c809cf53.txt (deflated 34%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000165\_jpg.rf.5f7bc59ec  
46f59a4650f33c368ac6fb6.txt (deflated 19%)  
updating: road\_anomalies-1/train/labels/potholes569\_png.rf.0a2a146c07b4b0433067  
61bfd3dfdb11.txt (deflated 19%)  
updating: road\_anomalies-1/train/labels/yt-false-0000\_jpg.rf.b24f619ea618341ce5  
44b601855cfe74.txt (deflated 48%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0283\_jpg.rf.d32b88clae74  
61fe9710a7cfc514d618.txt (deflated 47%)  
updating: road\_anomalies-1/train/labels/21\_jpeg.rf.fe742ff0a06049911f8a783ce55d  
214e.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/potholes554\_png.rf.e99fffe602d79bf213ee  
2346c91721c6.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/photo\_11\_2024-11-04\_15-47-54\_jpg.rf.9ef  
d01a8ea098eda302e5d2e2616d27b.txt (deflated 12%)  
updating: road\_anomalies-1/train/labels/160\_jpeg.rf.f8470e1d5634a049e1d5b2ba8d2  
b8ec6.txt (deflated 62%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0081\_jpg.rf.9d37a8456763  
84d9eaf3700ec2878cc3.txt (deflated 26%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0297\_jpg.rf.c8327e38da7f  
3e7633879a1a4a4bf1d0.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/potholes355\_png.rf.ead726e1ca50f15199c8

9d4786bb956c.txt (deflated 32%)  
updating: road\_anomalies-1/train/labels/85\_jpeg.rf.2b303694459a571a098c781ddce7  
189d.txt (deflated 56%)  
updating: road\_anomalies-1/train/labels/potholes506\_png.rf.4bed126e50cd08826ba4  
845252ad9c1d.txt (deflated 55%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0226\_jpg.rf.4620ca8a3975  
a3841b90f643f31387b3.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0143\_jpg.rf.f07bcf6e7b4d  
a7bee2cf5ac277b9c0c2.txt (deflated 47%)  
updating: road\_anomalies-1/train/labels/potholes0\_png.rf.1f5e55bd46cda498920f87  
74d63e3b81.txt (deflated 68%)  
updating: road\_anomalies-1/train/labels/potholes328\_png.rf.79c353d93768386add34  
ce3ff6a77483.txt (deflated 21%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0142\_jpg.rf.a1b78efd16bf  
7a3ed92eb69175e238.txt (deflated 45%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000005\_jpg.rf.60a999651  
f118ca7680deeb5670cf2a7.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/potholes531\_png.rf.158bc755bb124e0750a0  
dca5b2ccfb7e.txt (deflated 31%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0121\_jpg.rf.ba03821fa55d  
1d7cb9f681a12da61f3c.txt (deflated 48%)  
updating: road\_anomalies-1/train/labels/5\_jpeg.rf.533134a5fd13af3a9bed0485f35cc  
1bd.txt (deflated 66%)  
updating: road\_anomalies-1/train/labels/potholes284\_png.rf.1acaf9c3ae4138ed6e9b  
6f151ca9024f.txt (deflated 32%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0154\_jpg.rf.d29cffe7d2b8  
fac8b4a1395bd182bd12.txt (deflated 54%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000175\_jpg.rf.d531ec976  
2893e97c90eb603d9a08ec7.txt (deflated 32%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0128\_jpg.rf.174d78be80f0  
1435b3e3210536b34966.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/potholes144\_png.rf.6a4c7ba83281fdc264af  
0c36ef1ae29d.txt (deflated 64%)  
updating: road\_anomalies-1/train/labels/potholes128\_png.rf.500ec071c3581d30a0aa  
63c9d4aade97.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/98\_png.rf.72da7f1dee1a81747c04d3de6b3f6  
754.txt (deflated 34%)  
updating: road\_anomalies-1/train/labels/potholes192\_png.rf.884ca9ee25e228971df8  
9d0535bb2aad.txt (deflated 31%)  
updating: road\_anomalies-1/train/labels/photo\_5\_2024-11-04\_15-47-54\_jpg.rf.3dad  
c1053359109be203aa802ccd6aa8.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/8\_jpeg.rf.b9ae03c033593faf32d550f6db711  
4d0.txt (deflated 71%)  
updating: road\_anomalies-1/train/labels/potholes566\_png.rf.aa7a3804d24c0bb2507b  
544ba9e740cb.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/0ZClH-d-uiA\_jpg.rf.4401396fe5ecdb35853b  
5bd5abffffad.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0219\_jpg.rf.2f52f6fa4e21  
6cd433b8c92bdfce0cd2.txt (deflated 30%)  
updating: road\_anomalies-1/train/labels/potholes338\_png.rf.b28d9486028ad479431c  
552c84ac0115.txt (deflated 50%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000063\_jpg.rf.f33195689  
3d2716322509ce71774bae7.txt (deflated 47%)  
updating: road\_anomalies-1/train/labels/potholes631\_png.rf.b6cbd3d6b152931c489a

167434324652.txt (deflated 26%)  
updating: road\_anomalies-1/train/labels/potholes519\_png.rf.d4a7fa9bafdb2645a2e16f055a3e649f.txt (deflated 60%)  
updating: road\_anomalies-1/train/labels/potholes340\_png.rf.f1ffd68f172c18cab8a8d1253c305452.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0128\_jpg.rf.38a1c42aeff2b87e734470df11c66c7f.txt (deflated 59%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0137\_jpg.rf.283475c333a7160151d7ffaa514ade0c.txt (deflated 44%)  
updating: road\_anomalies-1/train/labels/potholes427\_png.rf.242743722514a8d61aeb70e30cfflac8.txt (deflated 61%)  
updating: road\_anomalies-1/train/labels/potholes533\_png.rf.0324dbac748ab7ab656f62f013f75cab.txt (deflated 29%)  
updating: road\_anomalies-1/train/labels/yt-false-0006\_jpg.rf.7953042dcb3246bd543e32f44117a63a.txt (deflated 45%)  
updating: road\_anomalies-1/train/labels/potholes172\_png.rf.ea37f835a0824b4fd3cc105657050066.txt (deflated 51%)  
updating: road\_anomalies-1/train/labels/potholes109\_png.rf.0aa92c456b903cfb93c61a3d1e566eff.txt (deflated 45%)  
updating: road\_anomalies-1/train/labels/potholes448\_png.rf.4f6992208008c56374f7d74f67a1c006.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/potholes35\_png.rf.7090c7fa1fae8708fee3a8f91d68620e.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/184\_jpeg.rf.0292b1fac0be4b634d14c87faee3ea00.txt (deflated 53%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000018\_jpg.rf.fd3b830851d5f81d3201d08d063f74f2.txt (deflated 45%)  
updating: road\_anomalies-1/train/labels/potholes495\_png.rf.cfa752cecd6a3d740a581d0be23c5036.txt (deflated 22%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000152\_jpg.rf.34a0db6a05d2049c2f4604e0def64781.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/potholes375\_png.rf.580c7646224b8f452ba91fd52481cab7.txt (deflated 22%)  
updating: road\_anomalies-1/train/labels/potholes372\_png.rf.e041e956132665b8388ced7beab1027b.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/potholes167\_png.rf.3ade72162e35666061cf29a1620d5393.txt (deflated 66%)  
updating: road\_anomalies-1/train/labels/66222200bAj\_jpg.rf.2b3bc9e54ca861b578dce665efcba5c.txt (deflated 27%)  
updating: road\_anomalies-1/train/labels/yt-false-0005\_jpg.rf.decd2d2ac5e13ffc9fa19b5c15419fc2.txt (deflated 49%)  
updating: road\_anomalies-1/train/labels/1\_jpeg.rf.3cbfa22b50c0acc5b7b083b3624c1b94.txt (deflated 46%)  
updating: road\_anomalies-1/train/labels/potholes362\_png.rf.62c0252d4bcfeed1621cea7e75c48a11.txt (deflated 62%)  
updating: road\_anomalies-1/train/labels/potholes516\_png.rf.5eb338fb68ad85240bd8b40ff303a756.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/9\_jpeg.rf.168397b4ef0f258d122b5575f25f14a5.txt (deflated 21%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000021\_jpg.rf.e5e53fab520a07ff22ce2e31339f772a.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/16\_jpeg.rf.7e390eb7de61fddb9b9eda948a80eb2a.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/potholes107\_png.rf.71189336670b14e4d185

ab92c403e79e.txt (deflated 32%)  
updating: road\_anomalies-1/train/labels/potholes425\_png.rf.cd7d934549978695e2b43d14204a049a.txt (deflated 47%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000038\_jpg.rf.64251e43c66f42fc0b97a97b396672ec.txt (deflated 32%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000030\_jpg.rf.f5e577f8ffc172e4fc7c755f123fdf8d.txt (deflated 44%)  
updating: road\_anomalies-1/train/labels/6\_jpeg.rf.18cd9c65fe9a0494a25f7990ad2c354c.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0264\_jpg.rf.e9abca2d8cf92fd1184a2a48410c621.txt (deflated 55%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0255\_jpg.rf.272866c1758ce8e401c1d55fb46d4673.txt (deflated 40%)  
updating: road\_anomalies-1/train/labels/potholes460\_png.rf.0fd5b8e7141d28feea102ac60c77abc0.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/148\_jpg.rf.5207526e306611a0cfa090bfe05ac0df.txt (deflated 37%)  
updating: road\_anomalies-1/train/labels/20120807-152735-59\_jpg.rf.2b0c681d26546cf02aef64e9f382fdbbc.txt (deflated 21%)  
updating: road\_anomalies-1/train/labels/potholes529\_png.rf.1100efb312556742a727ddc37257e289.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/potholes514\_png.rf.a6137cb18c63c4b72f62c6c6c5f2b6fa.txt (deflated 32%)  
updating: road\_anomalies-1/train/labels/potholes494\_png.rf.d0450eec260b278d964d10aa7d3c9c30.txt (deflated 23%)  
updating: road\_anomalies-1/train/labels/potholes582\_png.rf.72c4a1bb4d95183f15cc7edd62f4d82f.txt (deflated 28%)  
updating: road\_anomalies-1/train/labels/93\_jpeg.rf.0f973466a2e1c6a29c9c036936abde75.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000110\_jpg.rf.bf7b9cb18a14adc64982a2a1f42e510b.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/-\_jpeg.rf.3bff0ef632b1463c3a05615fe89fbaea0.txt (deflated 48%)  
updating: road\_anomalies-1/train/labels/photo\_8\_2024-11-04\_15-47-54\_jpg.rf.354b029f281bbbc1dd4946d9067f17f2.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/potholes499\_png.rf.9d386cf59e22d166ff37735825ecfa42.txt (deflated 63%)  
updating: road\_anomalies-1/train/labels/potholes102\_png.rf.6e0732f5d8213eccc12f580dbdc5c718.txt (deflated 22%)  
updating: road\_anomalies-1/train/labels/potholes559\_png.rf.11386e378fff1bf1da884d057785fe98.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0164\_jpg.rf.92ccfdaf8ec5alf6311309dcab051a34.txt (deflated 47%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0214\_jpg.rf.b35cd1cc9ff9099bbb76fccbb6c9c34f.txt (deflated 58%)  
updating: road\_anomalies-1/train/labels/potholes476\_png.rf.687dadfa845994c26a7ba25d3f7baf2e.txt (deflated 32%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0184\_jpg.rf.28976dd4a231ea3e53c239e3ed750dc1.txt (deflated 47%)  
updating: road\_anomalies-1/train/labels/potholes397\_png.rf.9e0d287aa5edd4ddac36bfa14683e89e.txt (deflated 53%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0187\_jpg.rf.13d72249bb20d4640b6ab0774fd18fa6.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/potholes380\_png.rf.83355d7250d24ad036a6



737ffaacbb89.txt (deflated 48%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000176\_jpg.rf.06433d3e02138730eccc329d7d2a6386.txt (deflated 55%)  
updating: road\_anomalies-1/train/labels/13\_jpeg.rf.de7e605f186ba495eecb1c3072cc7eea.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/potholes282\_png.rf.51cc502c1bb0148c4a8836e4a48cf099.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000146\_jpg.rf.c095bfd5244827757c9aa44b676a1ac0.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/potholes313\_png.rf.551b4829f4b63bf544993cb3d4c7467e.txt (deflated 47%)  
updating: road\_anomalies-1/train/labels/126\_jpeg.rf.a142dbbbecc8938f6e45fff5cabc6586.txt (deflated 24%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0305\_jpg.rf.9d6238f6ac0eb433ae83c545104886c4.txt (deflated 34%)  
updating: road\_anomalies-1/train/labels/potholes413\_png.rf.3400b22fc6d68c9dda36744f4bd9dde1.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0130\_jpg.rf.5d0f09384a245c4d5dd45fafa36bf79b.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/potholes377\_png.rf.d21b69e47e0ddd0f2bdb68c909ad71d7.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/potholes307\_png.rf.a2cb457d0d2cedbe8b197b4c9286fd0d.txt (deflated 24%)  
updating: road\_anomalies-1/train/labels/potholes296\_png.rf.82062185582177b96ca3c627fbb9029a.txt (deflated 34%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000167\_jpg.rf.28e98f3250e0ffe5810cbc9d986efe6a.txt (deflated 38%)  
updating: road\_anomalies-1/train/labels/35\_jpeg.rf.634b901e70e4a3b01648129260f9fb1f.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-16-\_jpg.rf.71767166da64ec5029f73f8684b01a76.txt (deflated 23%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0134\_jpg.rf.112279a6f996a748f58235faeb6bb56d.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/79\_jpeg.rf.13a2b8a957f2dec06d384e42882efda2.txt (deflated 34%)  
updating: road\_anomalies-1/train/labels/potholes170\_png.rf.0531ac406f1f969df09aca8eae3fb42e.txt (deflated 30%)  
updating: road\_anomalies-1/train/labels/potholes339\_png.rf.a5a16e98aef1503a49b611379e123151.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/1\_jpeg.rf.ec584ecacecefd0483abf9b1128dfa3.txt (deflated 69%)  
updating: road\_anomalies-1/train/labels/potholes403\_png.rf.ffd9b2423ea8525085ac7b0d902296b7.txt (deflated 44%)  
updating: road\_anomalies-1/train/labels/potholes507\_png.rf.664041ca9b5aded47cf09aec69e23d6f.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/43\_jpeg.rf.382783fc98a20a53588f006891bf6117.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/potholes498\_png.rf.43b5450c0510a685cb83bdfbaa511b76.txt (deflated 53%)  
updating: road\_anomalies-1/train/labels/86\_jpeg.rf.dce5bdd8ae182b745402670d5bec98f5.txt (deflated 62%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-8-\_jpg.rf.b148ecbe697a74ccd31cc573c43df2a.txt (deflated 37%)  
updating: road\_anomalies-1/train/labels/potholes601\_png.rf.d375e3211a55f8d13eab

0b8c900b7261.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/potholes457\_png.rf.3cde56c2b3eb0ff0e95d508a51961135.txt (deflated 70%)  
updating: road\_anomalies-1/train/labels/8\_jpeg.rf.c4f3c1943b061ad78d3c81a8c34b4d35.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000199\_jpg.rf.57bdfd2ccd5bd8c2e4d285fc925dee47.txt (deflated 45%)  
updating: road\_anomalies-1/train/labels/149\_jpeg.rf.34d9f3c5ec1a97a105855d37f9f27a55.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/potholes416\_png.rf.1c9be0f19fe739d75e905b601bc9fd7e.txt (deflated 23%)  
updating: road\_anomalies-1/train/labels/potholes622\_png.rf.73eef0ac43100070b5cb629f6bbfdac6.txt (deflated 27%)  
updating: road\_anomalies-1/train/labels/potholes324\_png.rf.db0a487ced29396532662cec885cd549.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/39\_jpeg.rf.a2ef88c4aff8343ee5b62b909d57459b.txt (deflated 25%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000002\_jpg.rf.5f62886c53d4ac3874d1f51190c28610.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000196\_jpg.rf.2bb7302e1df243179d7410059eb450f8.txt (deflated 56%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000097\_jpg.rf.8a5befed6c58af3d0ac35e35d25a6381.txt (deflated 34%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000075\_jpg.rf.3edbb8e5523c80f26b712cc4da18fc61.txt (deflated 21%)  
updating: road\_anomalies-1/train/labels/potholes544\_png.rf.f2425d719642d2aedf15892cff227dd5.txt (deflated 49%)  
updating: road\_anomalies-1/train/labels/2\_jpeg.rf.3362531c07f71016c03e1921a35fc2bf.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/potholes287\_png.rf.4c0012547986b1559d8a7fbfb8dfec0.txt (deflated 29%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-23-\_jpg.rf.48a019f847cc7a12ca8a19e8814c44c9.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/7\_jpeg.rf.9e3082903aa458b71461dd120ee5f405.txt (deflated 23%)  
updating: road\_anomalies-1/train/labels/potholes317\_png.rf.e17e8400af2a0122f6ababb8f303ef4b.txt (deflated 65%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000142\_jpg.rf.ae64e06f5cc01883b5b15c6370b3e84d.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/potholes304\_png.rf.4805181435b57262e1b3b6c599784def.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000147\_jpg.rf.cfd0fbe4784ddab99059c6a63cc3016b.txt (deflated 51%)  
updating: road\_anomalies-1/train/labels/potholes594\_png.rf.aldad07c4e45928ec7a905c0d14f6c05.txt (deflated 23%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-21-\_jpg.rf.2cc2cb91f4e34d43d7d691ba3efc6106.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000013\_jpg.rf.34edc9ee963d96d364d38b300b4910d9.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0047\_jpg.rf.8dc52f1dd07d6ed30b2dd3cb34c232.txt (deflated 57%)  
updating: road\_anomalies-1/train/labels/potholes222\_png.rf.c12549c468ca0e6e622144e1ecb3a904.txt (deflated 21%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0167\_jpg.rf.42064d5d411a

b306a62129d81e744c32.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/75\_jpeg.rf.36af1f69b294ae52e18c0761bf5d  
e204.txt (deflated 51%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000190\_jpg.rf.ab78b70ea  
da5fd3d4462a49b0d539772.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/potholes385\_png.rf.a0d772bb673e1709f83c  
230e944d212d.txt (deflated 40%)  
updating: road\_anomalies-1/train/labels/potholes560\_png.rf.208fb725581a7e513218  
2dcdbcab74b1.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/potholes306\_png.rf.da4d5fd53a4d7b9ccb11  
60ccdaeea84b.txt (deflated 25%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000099\_jpg.rf.d2b6eed3d  
360680f30b6266c4fd22888.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000079\_jpg.rf.fc4dd0b46  
5c07069f9d732a9b266e24c.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0224\_jpg.rf.b61280b71c95  
96db460e1199a3ad8362.txt (deflated 55%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000028\_jpg.rf.59769b427  
e8f56a2f6d5770a936a102a.txt (deflated 22%)  
updating: road\_anomalies-1/train/labels/potholes371\_png.rf.8bc14cbded32a4eb6aa9  
f0e0acc637f1.txt (deflated 59%)  
updating: road\_anomalies-1/train/labels/yt-false-0002\_jpg.rf.6f521a95adba69cf30  
dcc0a0519742b1.txt (deflated 47%)  
updating: road\_anomalies-1/train/labels/potholes369\_png.rf.30255c46b99a5bc4cbd7  
0bc0056f5267.txt (deflated 47%)  
updating: road\_anomalies-1/train/labels/potholes52\_png.rf.600e5a3300d85478644f8  
43183b1f8d5.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/22\_jpeg.rf.30b51c0f2a434b132695571bac2e  
1682.txt (deflated 60%)  
updating: road\_anomalies-1/train/labels/potholes346\_png.rf.711c164130bfa2610d7f  
6afff2a403ab.txt (deflated 63%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000073\_jpg.rf.061ee175b  
1112dd4304d50b9e1675c5a.txt (deflated 12%)  
updating: road\_anomalies-1/train/labels/17\_jpeg.rf.a3c624bcf30f22d07704754b6e68  
841c.txt (deflated 61%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0302\_jpg.rf.c333d7e8532f  
c7587b3a9a4855355644.txt (deflated 46%)  
updating: road\_anomalies-1/train/labels/potholes419\_png.rf.df046fa7b63a33e25f68  
6d2labcc3d3a.txt (deflated 24%)  
updating: road\_anomalies-1/train/labels/potholes208\_png.rf.e5f5a9743e7d98477cef  
31a3a73ed183.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/potholes179\_png.rf.b2dad37d17e1af0021ca  
5d18e36cd33e.txt (deflated 43%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000083\_jpg.rf.262fd6629  
13e311262c0d467add40f74.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/potholes4\_png.rf.437f2e7adb8c1b5963d1f9  
31a9a15327.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/potholes171\_png.rf.c2233a96ca9a4c3b0fd0  
2071c6973e8a.txt (deflated 43%)  
updating: road\_anomalies-1/train/labels/potholes61\_png.rf.b81e62d8ad62eb4e201c0  
37dbd70f43b.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0258\_jpg.rf.7860b94fc14c  
80193abb802cd6f8ea0f.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/66\_jpeg.rf.22fe1bc027120d5ce7162c15d8a2

e00b.txt (deflated 69%)  
updating: road\_anomalies-1/train/labels/potholes489\_png.rf.0a7484dbdbfc88f31743f171649e2864.txt (deflated 55%)  
updating: road\_anomalies-1/train/labels/potholes321\_png.rf.c489677678afadb1d3e4da2357cfd3cb.txt (deflated 61%)  
updating: road\_anomalies-1/train/labels/36\_jpeg.rf.a452bb419101724610cb3dd5e3f4382e.txt (deflated 62%)  
updating: road\_anomalies-1/train/labels/potholes591\_png.rf.b717642adc3a9e72e1830ec9b6b804f5.txt (deflated 32%)  
updating: road\_anomalies-1/train/labels/potholes444\_png.rf.bdab662238cb84ac5d73e93cdb676aa9.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/potholes607\_png.rf.9f3d5362bd323adcc9e0d521faa08fa7.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0228\_jpg.rf.b070818b38e65d84667e30f936dd5746.txt (deflated 47%)  
updating: road\_anomalies-1/train/labels/potholes295\_png.rf.8c0773a7562a73a100dafc5b58ccbe81.txt (deflated 44%)  
updating: road\_anomalies-1/train/labels/potholes289\_png.rf.e669fe7d9982633bdc2cb43bcd4af3c1.txt (deflated 21%)  
updating: road\_anomalies-1/train/labels/potholes468\_png.rf.0e28252ff1b29eb9a58efbdbd8e227f5.txt (deflated 61%)  
updating: road\_anomalies-1/train/labels/potholes439\_png.rf.859dce4c3958450c2fe2855846a6c64f.txt (deflated 37%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0117\_jpg.rf.baa2966dd554746331fd9feeeae23b68.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/potholes619\_png.rf.2e6dd3383f67b672784dbf54d01b2f56.txt (deflated 46%)  
updating: road\_anomalies-1/train/labels/potholes343\_png.rf.9ed9e22713ee3e30431245662011feb7.txt (deflated 46%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000084\_jpg.rf.8ea95a8fb23f20deacbf38f0b9e4f843.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/14\_jpeg.rf.817412577abea2daf24def5270d577c3.txt (deflated 22%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0135\_jpg.rf.bffff089fa804b2cb3c0fcf5563616572.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/potholes159\_png.rf.8f92a308e45be3d2ee31b7b9ef1ae4ae.txt (deflated 19%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000149\_jpg.rf.a0d11d65cc6263ea4f8879ac3173ec64.txt (deflated 19%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0227\_jpg.rf.909549b9b2a4131f7060566953acc021.txt (deflated 24%)  
updating: road\_anomalies-1/train/labels/potholes370\_png.rf.d8ffb9cfd420e50cf9200a2011aaf5d0.txt (deflated 56%)  
updating: road\_anomalies-1/train/labels/181\_jpeg.rf.e9b3df9ae3a8f301d1d4e4f6b125158e.txt (deflated 53%)  
updating: road\_anomalies-1/train/labels/potholes360\_png.rf.40bddd9960ad40b7aa4f233c7986c2b9.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/potholes292\_png.rf.e06c15340befa1b2f1e414f13d98188a.txt (deflated 22%)  
updating: road\_anomalies-1/train/labels/potholes221\_png.rf.2ea2f5169887164ccdbc26a7c9c379a8.txt (deflated 28%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-29-\_jpg.rf.029b1933c5d12fa94a14e69d4dd32260.txt (deflated 21%)  
updating: road\_anomalies-1/train/labels/potholes326\_png.rf.6c57faa7e72296e9b125

de2fdb3d4d38.txt (deflated 25%)  
updating: road\_anomalies-1/train/labels/potholes502\_png.rf.celf4315210550205a64  
c7e827a35199.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/potholes206\_png.rf.9eef1534ae017c16cffc  
bf2be5a8d9aa.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000141\_jpg.rf.ce0089b95  
49e93ab1dd0f33a65207a95.txt (deflated 24%)  
updating: road\_anomalies-1/train/labels/potholes197\_png.rf.6de369aeef684d44bd74  
6c0dlf5662a9.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000041\_jpg.rf.0502466f8  
d565e5d3d8d6edde9909ccf.txt (deflated 29%)  
updating: road\_anomalies-1/train/labels/potholes624\_png.rf.5baaf944b1b348d821fd  
47fa4b2f0ded.txt (deflated 51%)  
updating: road\_anomalies-1/train/labels/164\_jpeg.rf.9899f96194572e60d91bf4faa0d  
5b3c0.txt (deflated 67%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000027\_jpg.rf.bc3370df4  
93ae5ab7dcel78d361f6ceb.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0181\_jpg.rf.b084b7c7b9cb  
21fe103a8148ba7345a2.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/32\_jpeg.rf.963b8ee19f479d3bad3e1c03a5c7  
f45e.txt (deflated 59%)  
updating: road\_anomalies-1/train/labels/6\_jpeg.rf.0fb57addfdb795905789487b5700e  
018.txt (deflated 57%)  
updating: road\_anomalies-1/train/labels/potholes14\_png.rf.8853289fa9b635cc495f2  
0d6d103a5c3.txt (deflated 57%)  
updating: road\_anomalies-1/train/labels/potholes3\_png.rf.72d7c9079073bd9e9dce66  
cc44leed8c.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0172\_jpg.rf.7b87d6400a1c  
01a8f781a9a201714724.txt (deflated 60%)  
updating: road\_anomalies-1/train/labels/potholes151\_png.rf.abc9464ddb3d992e9827  
79ef338c436b.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/potholes174\_png.rf.8d3bd4a27105701f1573  
10a0a590147d.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/potholes578\_png.rf.e0883e01d62b6fdd0299  
8297109309f2.txt (deflated 44%)  
updating: road\_anomalies-1/train/labels/potholes216\_png.rf.131baa5d53429ace2fb0  
99ed33460368.txt (deflated 48%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0158\_jpg.rf.9eb701166800  
8954bede38a5584c66e4.txt (deflated 57%)  
updating: road\_anomalies-1/train/labels/potholes600\_png.rf.ae07e75a3c8e88f07722  
69c18f9ddb78.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/29\_jpeg.rf.317265e1a09fada775de8a2f2eb2  
9e42.txt (deflated 13%)  
updating: road\_anomalies-1/train/labels/potholes470\_png.rf.4a2ae37f41e893292ba7  
ebe07e6e8592.txt (deflated 27%)  
updating: road\_anomalies-1/train/labels/potholes479\_png.rf.039673d470ad36140e71  
325c0c35096d.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000091\_jpg.rf.0090d7186  
256afd4aee0f3045cb9339a.txt (deflated 61%)  
updating: road\_anomalies-1/train/labels/potholes31\_png.rf.153f4063f3f7fe93803b3  
e207f3353f3.txt (deflated 53%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000023\_jpg.rf.e54875a05  
e58a00711be780b38a44c37.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000114\_jpg.rf.b5fc5c945

f03bc87df5c24a70fb49f51.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-17-\_jpg.rf.bdf34caf142797b  
ee2eaa316d6ded70e.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/potholes511\_png.rf.54f0466a1e7388023c62  
5124cb31872f.txt (deflated 50%)  
updating: road\_anomalies-1/train/labels/potholes105\_png.rf.0ac2a2846982ce0bf231  
d473b93e505b.txt (deflated 61%)  
updating: road\_anomalies-1/train/labels/potholes456\_png.rf.7c31caf4a8643e0c6bcb  
c50e0dc19d98.txt (deflated 34%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0250\_jpg.rf.aedca6b28157  
cf84b534963b0b3be9b9.txt (deflated 12%)  
updating: road\_anomalies-1/train/labels/potholes379\_png.rf.b7d9de4174c4517039ba  
20536deb2cc.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/potholes329\_png.rf.cfe4dcdcaf04a79753ef  
6e211e90637a.txt (deflated 54%)  
updating: road\_anomalies-1/train/labels/potholes312\_png.rf.7c71ba817111fe927d0b  
9333cb01d90b.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/potholes113\_png.rf.74eb6bc05f0073de3c5e  
fb4253644fdc.txt (deflated 44%)  
updating: road\_anomalies-1/train/labels/aa68677983e09d2e61ff633f0f1e67b4\_jpg.r  
f.2eef29b8f7ee566619ba4c922c349f67.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/potholes123\_png.rf.f994f81f0bbc1c420660  
a4c6f0bee2fa.txt (deflated 49%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0180\_jpg.rf.b15a6ca776a1  
4aee0d606feb03e47d47.txt (deflated 49%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000155\_jpg.rf.1b43e4239  
63a47b3ed8d12832c61b7e9.txt (deflated 19%)  
updating: road\_anomalies-1/train/labels/123\_jpg.rf.5a69c5f9d1601aeac4cfb90832e0  
71db.txt (deflated 54%)  
updating: road\_anomalies-1/train/labels/potholes518\_png.rf.7bbf439177b751b33a4e  
59df976331e5.txt (deflated 44%)  
updating: road\_anomalies-1/train/labels/potholes547\_png.rf.fe964ea31d722aced98e  
68245c011d9c.txt (deflated 51%)  
updating: road\_anomalies-1/train/labels/58\_jpeg.rf.e54df36a01e7292a05b4a7718852  
ec6f.txt (deflated 25%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0214\_jpg.rf.93470d91017c  
8c42df18251642470449.txt (deflated 55%)  
updating: road\_anomalies-1/train/labels/potholes327\_png.rf.a64207ff48d7bb3b4739  
328634321817.txt (deflated 32%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0133\_jpg.rf.134541bd0d44  
947db01bb155dec9877d.txt (deflated 51%)  
updating: road\_anomalies-1/train/labels/potholes517\_png.rf.68a828115d1493f208f9  
a937563bf70f.txt (deflated 46%)  
updating: road\_anomalies-1/train/labels/potholes412\_png.rf.6b1abcaebe65dda592b3  
e8e208b89c9f.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/potholes400\_png.rf.5a663e92ede7c009109f  
10223c07c7da.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-28-\_jpg.rf.b4694bf333b13f9  
95b00b39efba71961.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/potholes440\_png.rf.fc827a432c31403ca58e  
0dc986905e38.txt (deflated 50%)  
updating: road\_anomalies-1/train/labels/potholes450\_png.rf.ede4b8e9d089adf5cb73  
6abb572b87e0.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-14-\_jpg.rf.c7081bcdd1b571e

c12b1802ce79340b6.txt (deflated 25%)  
updating: road\_anomalies-1/train/labels/potholes341\_png.rf.279dfb9b5448fad80c0b3238b6cf918d.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0132\_jpg.rf.f54219106a6e16e0d4084a69d1da94ff.txt (deflated 26%)  
updating: road\_anomalies-1/train/labels/71\_png.rf.9b525e1feb59b331144a83409abee350.txt (deflated 44%)  
updating: road\_anomalies-1/train/labels/potholes596\_png.rf.8710842b0f21495cd3b6b012677d34de.txt (deflated 34%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000048\_jpg.rf.7b51e1358e34bd18746ea5e52714b2aa.txt (deflated 46%)  
updating: road\_anomalies-1/train/labels/potholes549\_png.rf.6d418ce91556e384fcbcf318723cd3e4.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/potholes493\_png.rf.5307e1516fc7456a29ed53124a178505.txt (deflated 28%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0223\_jpg.rf.1b97cd9e37e031b027d7c5b943612b02.txt (deflated 59%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000129\_jpg.rf.30aada0fb2b2ddd41a7c1c660da85078.txt (deflated 22%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0048\_jpg.rf.47913f4cdd329bbf86d8ce9f563d6231.txt (deflated 27%)  
updating: road\_anomalies-1/train/labels/5\_jpeg.rf.d31bd237e225211f4cc90be57c725deb.txt (deflated 64%)  
updating: road\_anomalies-1/train/labels/potholes231\_png.rf.611cdb25e7e93a64b4de8dedd0ea8512.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0136\_jpg.rf.5a2e3c39656e9e9c545385936c2db30e.txt (deflated 22%)  
updating: road\_anomalies-1/train/labels/potholes574\_png.rf.4d8a9f007cfd04754e8c276f76a68f12.txt (deflated 61%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0252\_jpg.rf.625aea790cb432dd112f27fad9da2b14.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000034\_jpg.rf.3dc1f3004cd57441b26aa4ceb389a0c2.txt (deflated 39%)  
updating: road\_anomalies-1/train/labels/163\_jpeg.rf.e0de286d1b8e7752b9f97fd7cfa7f078.txt (deflated 65%)  
updating: road\_anomalies-1/train/labels/photo\_4\_2024-11-04\_15-47-54\_jpg.rf.5b695471dca40e9a2772009d1dbda6b9.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/potholes597\_png.rf.76a3a96d14a217e8b1cf523b4be8685c.txt (deflated 62%)  
updating: road\_anomalies-1/train/labels/potholes510\_png.rf.9a52ba50c71868791f082bd71d2dc561.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-26-\_jpg.rf.448e3c08f2909a1afbcb69d2c7e40454.txt (deflated 13%)  
updating: road\_anomalies-1/train/labels/78\_jpeg.rf.80068d5963325f5166dbdd99b6b69a18.txt (deflated 65%)  
updating: road\_anomalies-1/train/labels/potholes112\_png.rf.250cc5905a545ecdeaa7d11883a56c9b.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/potholes56\_png.rf.52aa1d62ffb0fd3deb045e4e3f55dbce.txt (deflated 44%)  
updating: road\_anomalies-1/train/labels/potholes218\_png.rf.ba9b09c73efc2dd05d1d9051008cb3aa.txt (deflated 26%)  
updating: road\_anomalies-1/train/labels/potholes367\_png.rf.672c04010b71b219e226c6692ac595c4.txt (deflated 41%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0183\_jpg.rf.033194ab57fc

56527136c20764661d59.txt (deflated 38%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000161\_jpg.rf.15d127cf599f841a7986247d24f635b9.txt (deflated 62%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0221\_jpg.rf.90efaae0a3dbd2d7469ce7c6fbf0a6d9.txt (deflated 57%)  
updating: road\_anomalies-1/train/labels/potholes230\_png.rf.aacea3cc4e81d26331ba1295fb7c6b4e.txt (deflated 23%)  
updating: road\_anomalies-1/train/labels/yt-false-0003\_jpg.rf.06a6bf0701cce0bfd88ffe586ac9b576.txt (deflated 47%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000012\_jpg.rf.8f40da6331c5ae7fb737a1a9453df885.txt (deflated 34%)  
updating: road\_anomalies-1/train/labels/potholes196\_png.rf.d2ffc0573a3b167f9b6840ac17aa20d2.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000193\_jpg.rf.32ed4f38415b4dda670093a67d1dc2e2.txt (deflated 32%)  
updating: road\_anomalies-1/train/labels/potholes635\_png.rf.b9aab04d925b8c36fe8f42dcf236d941.txt (deflated 44%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0212\_jpg.rf.857845ea3005e2ffff04c0fef26d28cc.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/12\_jpeg.rf.0f468316a2b5eae68fe5abbc00d18512.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/potholes116\_png.rf.c6b9d9be4bc22cba6e61e783309ad15e.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/potholes353\_png.rf.f4848f7a1b6da45ae73fb78018fdb0a4.txt (deflated 45%)  
updating: road\_anomalies-1/train/labels/potholes186\_png.rf.bb1eb79a4a147a4d5861b6cd5ca6825b.txt (deflated 46%)  
updating: road\_anomalies-1/train/labels/potholes283\_png.rf.b4094d006fa3d98e49b13476de4672a8.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0210\_jpg.rf.27d180814e9624107dc322e9e0ffec17.txt (deflated 21%)  
updating: road\_anomalies-1/train/labels/potholes365\_png.rf.dae2f54792eac3ea4f43856a9e659b25.txt (deflated 26%)  
updating: road\_anomalies-1/train/labels/4-\_jpeg.rf.748b1e8708f29f15f46419264e278b7e.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/potholes301\_png.rf.d287c872348a3b2383de77733df23fd2.txt (deflated 55%)  
updating: road\_anomalies-1/train/labels/potholes294\_png.rf.0f0116cb307d4f2a520e1ebff232c1cc.txt (deflated 69%)  
updating: road\_anomalies-1/train/labels/potholes130\_png.rf.a25bc73891870458344b4376a5297c53.txt (deflated 28%)  
updating: road\_anomalies-1/train/labels/140\_jpeg.rf.180f21e848c89a590f94b9b5db728aaf.txt (deflated 22%)  
updating: road\_anomalies-1/train/labels/137\_jpeg.rf.c01511e512f6b1b1b1343e7151caa9a1.txt (deflated 44%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0184\_jpg.rf.a6ae21cfc538600ccbb18ee4f420f55f.txt (deflated 53%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0219\_jpg.rf.f7e0dd2cf997ddc410235b8762c8d90a.txt (deflated 60%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000085\_jpg.rf.fdab422974e9663cbe93a44493d772e.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000025\_jpg.rf.b2225b8e94777681ceble9c95dc50e0b.txt (deflated 56%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0248\_jpg.rf.a9cec80e4f54



8611e29c5c052bf8bd22.txt (deflated 28%)  
updating: road\_anomalies-1/train/labels/15\_jpeg.rf.276658d75bd6381c943e426d884d1653.txt (deflated 54%)  
updating: road\_anomalies-1/train/labels/42\_jpeg.rf.2bc1a1e3f0fff86f9bb383f07264f994.txt (deflated 58%)  
updating: road\_anomalies-1/train/labels/potholes55\_png.rf.8f16d3cc3fb64d015db80b3d5172ce62.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/potholes571\_png.rf.e9d36fb201caf07da3619cac5f5519bf.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0136\_jpg.rf.dec6a4899e1b91968ad94c920b6c8ce8.txt (deflated 47%)  
updating: road\_anomalies-1/train/labels/112\_jpeg.rf.74f3fed2c57c5d20c5d56a67942116cf.txt (deflated 31%)  
updating: road\_anomalies-1/train/labels/potholes583\_png.rf.12e40f64445d60cf998caalc989ccb4a.txt (deflated 42%)  
updating: road\_anomalies-1/train/labels/potholes119\_png.rf.33da596b0c48aa85cc93280578579aee.txt (deflated 31%)  
updating: road\_anomalies-1/train/labels/potholes428\_png.rf.7bf83bfe4af86b33387f2476b293d706.txt (deflated 31%)  
updating: road\_anomalies-1/train/labels/potholes532\_png.rf.1c403700de393f5ddaee40573f8b5a33.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/potholes351\_png.rf.e51e627a4efa4613ed6148de237cb0d5.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/potholes333\_png.rf.677b901ffc7f9ca3e57becbdb8b8e127.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/potholes348\_png.rf.521e15e9be4de7a5ab59fb575d8ed15b.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/potholes461\_png.rf.edb8a171a00aee3ad4a143d5ef410791.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/potholes117\_png.rf.53bala68b16c7f8cb8b43b145316398c.txt (deflated 31%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0163\_jpg.rf.48c1d1c69fc46266637d47c04c2eb615.txt (deflated 54%)  
updating: road\_anomalies-1/train/labels/potholes587\_png.rf.4bb45d938a6ab56c7a423d097d383762.txt (deflated 21%)  
updating: road\_anomalies-1/train/labels/potholes480\_png.rf.6ce0e141eaa8a266685bf84c156ed5ce.txt (deflated 38%)  
updating: road\_anomalies-1/train/labels/potholes512\_png.rf.84ea6daf08b01324c658e4177b7cae2c.txt (deflated 16%)  
updating: road\_anomalies-1/train/labels/potholes447\_png.rf.f1ed049aaaba85cf9c040f577a359ea3.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/128\_jpeg.rf.970c36f5a7ca6df85274dbc6359a77fc.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000183\_jpg.rf.cc544ae9720a7d2cb9a6fff396e7be56c.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/potholes588\_png.rf.6f5f4fa7f3d5d23ef007ff0a78ee9a91.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000087\_jpg.rf.79c7cf9e469aa8894977f19a0e43ce70.txt (deflated 43%)  
updating: road\_anomalies-1/train/labels/potholes577\_png.rf.fec4668c82d2e212007dcda28138d559.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-20-\_jpg.rf.5e3e4c29ed4e176ce1314b128abf104f.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000072\_jpg.rf.9f04b33b0

610874fe3bd608fe65eda97.txt (deflated 29%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000103\_jpg.rf.7b46e153f563c4733effe6ec7721e84c.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/potholes47\_png.rf.123030319b1107171fca041518aba26b.txt (deflated 42%)  
updating: road\_anomalies-1/train/labels/potholes473\_png.rf.39d9ca80e84fe10db0f94020ee8a4775.txt (deflated 58%)  
updating: road\_anomalies-1/train/labels/176\_jpeg.rf.1f9ed77f1dd2b84b25da923eb619b5f6.txt (deflated 48%)  
updating: road\_anomalies-1/train/labels/potholes404\_png.rf.363e6c294a784593e9d98cd33f4aa29c.txt (deflated 13%)  
updating: road\_anomalies-1/train/labels/potholes402\_png.rf.f6fe72c4028c90d6a0c030cd1360ed68.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/potholes157\_png.rf.817b5f3718c0f7131de1c1c38b070744.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-12-\_jpg.rf.601fea490dd7b7e17ea1987293768fb4.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/potholes407\_png.rf.5f193c2d64792ff2384e3dd38d202c27.txt (deflated 21%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0225\_jpg.rf.f976a5d03483b83610dle37edea80173.txt (deflated 46%)  
updating: road\_anomalies-1/train/labels/photo\_13\_2024-11-04\_15-47-54\_jpg.rf.60cd05c7b71c3d25314129a47c8a03ad.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/165\_jpeg.rf.e7e25c70f2e469d51cb8fefa380c3cd3.txt (deflated 56%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000105\_jpg.rf.372fb24684862cc2cc5511b6aff958bd.txt (deflated 32%)  
updating: road\_anomalies-1/train/labels/potholes505\_png.rf.0a410f38b46044fbe398508e8b02a74a.txt (deflated 68%)  
updating: road\_anomalies-1/train/labels/potholes108\_png.rf.fdc75ebad40934658c4751c59dabd0c8.txt (deflated 67%)  
updating: road\_anomalies-1/train/labels/potholes214\_png.rf.67d8b90282d97408e66e6872472847f4.txt (deflated 68%)  
updating: road\_anomalies-1/train/labels/potholes568\_png.rf.c796e14b01ad2ea60bfb e66fd8582cf0.txt (deflated 19%)  
updating: road\_anomalies-1/train/labels/photo\_12\_2024-11-04\_15-47-54\_jpg.rf.7df182c0f99fef97c78c8ffa66c30005.txt (deflated 8%)  
updating: road\_anomalies-1/train/labels/potholes347\_png.rf.9569268731b00b717406df903d59bdd0.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/147\_jpeg.rf.e494dbe759084097e3c1324b0851fb2a.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000049\_jpg.rf.2f16ac0ea8ce21c90d5d075286a3d2dd.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/175\_jpeg.rf.b78a113443d0ed89f9b9ae64b5df455e.txt (deflated 37%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0052\_jpg.rf.e3dc7713aa4cb1256d05435bc86e60ba.txt (deflated 53%)  
updating: road\_anomalies-1/train/labels/potholes154\_png.rf.6c8f1139c466e8b3e02b27b00428d5ee.txt (deflated 64%)  
updating: road\_anomalies-1/train/labels/potholes610\_png.rf.cfeac7cfc90aeccfaedb4ff5ae55eb1f.txt (deflated 62%)  
updating: road\_anomalies-1/train/labels/potholes390\_png.rf.15bd27b35c2400899946c39937e26982.txt (deflated 44%)  
updating: road\_anomalies-1/train/labels/143\_jpeg.rf.f8a9ca2373c1173840e258133f3

63c91.txt (deflated 21%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-25-\_jpg.rf.d104c5aaffd0258  
cd2e81ebd4a3f4a2d.txt (deflated 21%)  
updating: road\_anomalies-1/train/labels/potholes290\_png.rf.10a93bdff001d9cbdb16  
09566ab22055.txt (deflated 26%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000006\_jpg.rf.c33c5e219  
675ecda931e8830f227f7b4.txt (deflated 53%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0049\_jpg.rf.4644b910f706  
c749fc4d2e2d00ab63c7.txt (deflated 50%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000000\_jpg.rf.5351d5609  
07afb863839da8f16b776f1.txt (deflated 49%)  
updating: road\_anomalies-1/train/labels/potholes546\_png.rf.3ab7b8ab7b5dd148b26b  
eaff82b86bb9.txt (deflated 40%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0247\_jpg.rf.bad50f757a6a  
f3de9fd1ae3ac7031941.txt (deflated 11%)  
updating: road\_anomalies-1/train/labels/potholes374\_png.rf.91d8599841d0c09171c8  
4dab7f910b3b.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000070\_jpg.rf.9a7c4f5c9  
ccc545bbe49a91f54137365.txt (deflated 52%)  
updating: road\_anomalies-1/train/labels/potholes10\_png.rf.79ce2d02b7e8cf3865794  
947eee5a03f.txt (deflated 30%)  
updating: road\_anomalies-1/train/labels/potholes417\_png.rf.4e7f0c2cf929ad56c10e  
89e5a9145058.txt (deflated 58%)  
updating: road\_anomalies-1/train/labels/potholes126\_png.rf.bac900576bc4641312c9  
812479a3f5ca.txt (deflated 54%)  
updating: road\_anomalies-1/train/labels/potholes136\_png.rf.ca28efe3ae8919b5cc95  
c3d0b7ef9830.txt (deflated 40%)  
updating: road\_anomalies-1/train/labels/potholes211\_png.rf.a68170fb65d48a654319  
2af42608c204.txt (deflated 20%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-9-\_jpg.rf.3218e18b210ab952  
c5eb9bae36a2ca5c.txt (deflated 15%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000151\_jpg.rf.e627bf62c  
c53a0cf491b220fad154e9a.txt (deflated 67%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000011\_jpg.rf.b48be58ee  
3fa7cd00bcb60e41cd4ab99.txt (deflated 57%)  
updating: road\_anomalies-1/train/labels/potholes483\_png.rf.ca2675f0861643f7c217  
415d0613f316.txt (deflated 69%)  
updating: road\_anomalies-1/train/labels/potholes541\_png.rf.7d980b19ffae201abe94  
686bf48a472a.txt (deflated 38%)  
updating: road\_anomalies-1/train/labels/9\_jpeg.rf.b1505014662a30a616118c02eeb23  
068.txt (deflated 37%)  
updating: road\_anomalies-1/train/labels/67\_jpeg.rf.4c53ee72fee0872e66023ce9362f  
f7bf.txt (deflated 54%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0046\_jpg.rf.b26912d51875  
5d000527c35f851418d8.txt (deflated 48%)  
updating: road\_anomalies-1/train/labels/potholes618\_png.rf.a61b7e901bf5f479468d  
0fea42329cc8.txt (deflated 54%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-2-\_jpg.rf.50807fc2a1eb2386  
95ca8c04e1cdfba8.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/yt-k33z6JeCvdc-0129\_jpg.rf.2d6a2812cfc0  
ec34b7653f320ef6c268.txt (deflated 24%)  
updating: road\_anomalies-1/train/labels/potholes58\_png.rf.57914249dc44bce13f667  
5af3e80048f.txt (deflated 36%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000100\_jpg.rf.e3998863a

3e911cf03c5492333ddac4f.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/potholes393\_png.rf.2473f2e16f4d5ed5b0d233165f751091.txt (deflated 46%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0199\_jpg.rf.39003ee7156836fc86abe32cca51f357.txt (deflated 60%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000042\_jpg.rf.c803c9525998f8444f2fca3e21ee95d2.txt (deflated 60%)  
updating: road\_anomalies-1/train/labels/potholes522\_png.rf.c1b7be4179a7fa11e7f2d75448e9d097.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/potholes580\_png.rf.4c46563a9ce2d319158486a6c97b15aa.txt (deflated 47%)  
updating: road\_anomalies-1/train/labels/potholes124\_png.rf.bb9569d33a04a7276ce8d26186923e17.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/potholes405\_png.rf.8bde402dd5aa8a0ab9cca9da08fd0840.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/87\_jpeg.rf.653f78c5f152a4b578bb037ec68b7214.txt (deflated 59%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000166\_jpg.rf.0825b4f485cd2caa6a836046f49b1ea6.txt (deflated 33%)  
updating: road\_anomalies-1/train/labels/potholes138\_png.rf.e49cc08dde939ada1ef24fc9c33c8d6a.txt (deflated 19%)  
updating: road\_anomalies-1/train/labels/109\_jpeg.rf.f3fffb08406431e5165792d9a6d4a4fa.txt (deflated 50%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000179\_jpg.rf.e7fdedc578f7b9f5eabbalcd7be554.txt (deflated 30%)  
updating: road\_anomalies-1/train/labels/154\_jpeg.rf.ba376919052d3f7c2e1c6ed036474053.txt (deflated 19%)  
updating: road\_anomalies-1/train/labels/potholes487\_png.rf.b7a619793837bd7dafcaf29b9fbba84e.txt (deflated 14%)  
updating: road\_anomalies-1/train/labels/potholes556\_png.rf.58547bd1412a986f0dc23552ee8fba2f.txt (deflated 35%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000186\_jpg.rf.f6953437aaa9ad87272ef68c3b87ac34.txt (deflated 32%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0263\_jpg.rf.cb9c0174e404576b4a9a56905026f0af.txt (deflated 57%)  
updating: road\_anomalies-1/train/labels/potholes590\_png.rf.94d6a20a2e160250d47f211b392eba65.txt (deflated 51%)  
updating: road\_anomalies-1/train/labels/potholes552\_png.rf.71faa5b4d80821d4a9f0755e0e617ad5.txt (deflated 54%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0217\_jpg.rf.b9a6306e9d54c32f07b7347cc38cf0a8.txt (deflated 19%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0144\_jpg.rf.b4bd1ea262a5303698070621b6be0d25.txt (deflated 44%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000037\_jpg.rf.b100a2965bface6865ab1d1f40b86b7.txt (deflated 50%)  
updating: road\_anomalies-1/train/labels/potholes373\_png.rf.842723df6a04637c3461d9e69d93bbbed.txt (deflated 17%)  
updating: road\_anomalies-1/train/labels/potholes490\_png.rf.1281bc86b2edbbb4375f360dd9f6b118.txt (deflated 13%)  
updating: road\_anomalies-1/train/labels/Fallen\_trees-7-\_jpg.rf.42d1f79d123d64d690f8felc8b060ce9.txt (deflated 18%)  
updating: road\_anomalies-1/train/labels/China\_MotorBike\_000182\_jpg.rf.cea1705964ea10c56f785197225c8d70.txt (deflated 42%)  
updating: road\_anomalies-1/train/labels/yt-Sdn5VdJqRac-0165\_jpg.rf.edd4dc1f6202

cd0ccced413d84a2ff7f.txt (deflated 36%)  
updating: road\_anomalies-1/README.dataset.txt (deflated 15%)  
updating: road\_anomalies-1/valid/ (stored 0%)  
updating: road\_anomalies-1/valid/labels.cache (deflated 74%)  
updating: road\_anomalies-1/valid/images/ (stored 0%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0232\_jpg.rf.7351205aa000d824455fb9505a05512c.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/yt-k33z6JeCvdc-0051\_jpg.rf.d975a87667efala6f58b57010f282ae2.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/Fallen\_trees-10-\_jpg.rf.f9f186fec556d9b445f21eb9c85a733.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000187\_jpg.rf.d34dfc1082b5e275964de08e46c2664a.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-false-0001\_jpg.rf.36c69416977bcb16d728fc2a91925081.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/30\_png.rf.5c4cf23a7c0733e64779f677d756642a.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes38\_png.rf.c31386d4f6cdb81d8c189cc1ce3b5495.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000189\_jpg.rf.f958b2e66f164b63f77395eeffbbf357.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes491\_png.rf.6a1217d86dc84c0062690ba8c7a88a98.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes603\_png.rf.79a952c35b7e95fb05d2cf553d4d1e46.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000035\_jpg.rf.fdd6be007e4b4c5ad08257d3c8a7ebac.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes19\_png.rf.083268148f3571c80c1f79c2bbb15856.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-false-0004\_jpg.rf.b363eed3cc2b04b6b7f4a7ad5ebb66cc.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes156\_png.rf.4316b51de3d2fb889031dc6656fd73b9.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes614\_png.rf.d751d3543b7cd3743b90bf6248cb09f5.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-k33z6JeCvdc-0137\_jpg.rf.2c39023bbde13a2c4f0c1979220e9058.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes51\_png.rf.573fece38892a3708d6cd914225b2e35.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes20\_png.rf.0c159abc48c86924d774fa07b8f0d301.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0114\_jpg.rf.59dc20e696ec24716215e5739dbdd862.jpg (deflated 2%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0176\_jpg.rf.3bc470ad8be8403b17f656e7a3435ce5.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes593\_png.rf.7fac6ce1c0dc44285538de60eb7ddd90.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000031\_jpg.rf.fd42afaf5485aee7e8d2b1f03a57e178.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000143\_jpg.rf.422da1fa4856ba31e6989cf63369190d.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0261\_jpg.rf.b3040d638d98308e7e8e48ff41ba8f20.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes325\_png.rf.7d4bba1aa3685eec4658

c32910be5bd4.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes536\_png.rf.f797ca006aa9bbb7fc46a47b0a25350c.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes332\_png.rf.71456725632a743b33e01f692aa50dc9.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/49\_jpeg.rf.b1297b69c3eb9a17b426edf801dbca16.jpg (deflated 5%)  
updating: road\_anomalies-1/valid/images/potholes462\_png.rf.16faf82d545d4b7f422c087a168f7135.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes411\_png.rf.0f29a770782d7cf770aea452b9f24ab2.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes302\_png.rf.00774c51142f522554171fc16f7d53ba.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0205\_jpg.rf.daf12cd588a846f4c2dd3c6dc9fc0a95.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/90\_jpeg.rf.c976f3189522589127877f1d6a1c546a.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes352\_png.rf.854150371431f98e762722888b8bd870.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/63\_jpeg.rf.8d15d10f467889178d40deaa870879ab.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/24\_png.rf.5754dbe9f51f1fa9ab5df94e19cd8dd3.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000047\_jpg.rf.1c62d2d4be590848711030a943e34d45.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes110\_png.rf.455b14e4daf38b7967971d886db16113.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes226\_png.rf.0b22a2dce029fad20ac7b84be7760ad2.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes576\_png.rf.b0d5cb072e89e8f181c588a15a9c03eb.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes525\_png.rf.c519bad140e9c6406900422b7e2175f0.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes421\_png.rf.5c783e19971cecede2897ab3ced01fcc4.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes150\_png.rf.94851a3a872a8f6186a4035fece210ab.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000008\_jpg.rf.fc15b05edb202eae271bd3762a7a7de9.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0134\_jpg.rf.cda5416c95aed7e9889d6907bcla580c.jpg (deflated 2%)  
updating: road\_anomalies-1/valid/images/potholes323\_png.rf.6e24006393eeef4d859dc25d4701bca4.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes482\_png.rf.29d1657aadb1e957c8bf4ff3f23dbb4b.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes177\_png.rf.48f6f4b9f264402b5e2d1daac5aabc45.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000032\_jpg.rf.1e8b1ccff2f54f09cf22ac5d6c1e98e9.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes584\_png.rf.6b1d404149a9c61140b9f2a35f3ed6c8.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000040\_jpg.rf.12807ef6f34bd6eddlc1876f5e501b27.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000140\_jpg.rf.785283eee

14140267b0bc79cb372e9c7.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes299\_png.rf.d117679c8039429124d4  
6a97462d07d5.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes29\_png.rf.889cac1b2d670c3810d86  
fec1580f7bb.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes389\_png.rf.4b52e26111f0a5b5ce14  
45d49b0afe69.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/Fallen\_trees-24-\_jpg.rf.26b402e56ba76ad  
fdd2323df09d5283d.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes143\_png.rf.731b24d4283f58dad334  
c6840e9a160c.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0253\_jpg.rf.d7401e7bf52e  
59998de2e059f2428c28.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/156\_jpeg.rf.b0a0e70e8663992db4882bf30fd  
74a7f.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0300\_jpg.rf.95df0a2d7afe  
d0a590ab9fd62e33c4ab.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0178\_jpg.rf.45c88a072247  
059b774a1a127583d498.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes564\_png.rf.a9c945f05c7d107cbf1e  
70f6c078cca1.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000003\_jpg.rf.b805d010b  
8d26dd88d6186e9523c63e6.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes217\_png.rf.fad70609021d8eb914c1  
b3901012e938.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-k33z6JeCvdc-0138\_jpg.rf.71bfe5198e8d  
6b4089ddf0999a39e2f7.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000076\_jpg.rf.c6f3f8927  
b44e12359a2cd1fac1e6c0a.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/19\_jpeg.rf.28ad0f6a05ffa99ed031aa55ba22  
8cb1.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes615\_png.rf.b2aea3b7771de5ea8b0e  
3be4305a01f6.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes54\_png.rf.fd4dda178b68e143426b6  
d937077f395.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000115\_jpg.rf.7f53040d1  
d5454a4fb1618e7d0b20d40.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes194\_png.rf.536f5fbe1654ede35fb4  
2a001829de80.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/142\_jpeg.rf.fca951d651faa3c377fbe69f174  
a6ee1.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes145\_png.rf.31a00931081b881e99b4  
a888d49f537e.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000054\_jpg.rf.29fe5a854  
43bc204e11fa258d40eedad.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes616\_png.rf.7e7d5a19c2331ca69dd2  
08c8694db28e.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes60\_png.rf.067700dfe32f2081196d4  
109da277e5b.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000069\_jpg.rf.beec9fdb9  
361e02c9f00588e6b1d6216.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes623\_png.rf.91e8e4e55ec000138069  
0fa554c0f0ea.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000194\_jpg.rf.07cce1561

8e64f23c06aca09ac53cae4.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes604\_png.rf.7e3eb830456e4fbe0b21f126e0733e98.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000127\_jpg.rf.c75eac9b0f6ffda6341d041c73054299.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes163\_png.rf.45521395f9b20210cad000c45c887b5.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes384\_png.rf.46d9bf4dc8464ad478d6a87914454910.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000086\_jpg.rf.57e4be78506649534ce693f1a0cd7cf6.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes345\_png.rf.1ff40cf3b2a17aacc97cdaea689a9c8b.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes418\_png.rf.15c212821c0bd79eb2f94d20ald50652.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/70\_jpeg.rf.5a3f9c4c73645c03059d0d5ae68c4b01.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes349\_png.rf.ae972d098655d3dd5e656f138bbd11cf.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/77\_jpg.rf.0b03caa1173bf9afc077b02ae5bb4eb2.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0149\_jpg.rf.cf3acba0be366d3978ac4d6e207031be.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0155\_jpg.rf.b37e72d9e7308983021842abf0d2abd2.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/photo\_7\_2024-11-04\_15-47-54\_jpg.rf.f315818fc786030b3a297d911b949247.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes550\_png.rf.bef0b9e7a522ce6575bde72faa3d61df.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes366\_png.rf.4938deffbe2acd48323c83ea6b4386c4.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes565\_png.rf.378ea69c9d582978cd3c470e35201e1a.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes579\_png.rf.b4e6a52c91b2c0335b21be2193b6c526.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes202\_png.rf.8c09973569352794c427f9f8e6c4b130.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes515\_png.rf.d0387f1fa091f16ccc2dcdd76586b219.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/yt-k33z6JeCvdc-0139\_jpg.rf.8b5aa423982e14b6061ecdda15871a7a.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/124\_jpeg.rf.644c25771bfd2b54873543bb9068b4ab.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0183\_jpg.rf.e63a83389324403e10e14b1817900895.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes187\_png.rf.9d65e0896d990b1d07c5158e9f3ee256.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0190\_jpg.rf.f6f4bdfd72f36c535ff83556e00ca1c9.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes538\_png.rf.a539e0c64bc601d28f76250c880d6469.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes606\_png.rf.cd7e6ba05c26f9ff1b59c8182d58b5c1.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes12\_png.rf.2ecb11a0220e5bc752aa6



0c7b3081f8c.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes48\_png.rf.81a5f60146f65553c90f954eeaa2500.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0185\_jpg.rf.9b8cd73188a745cd5f711607affc6a2f.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes563\_png.rf.0245d64295c54a1f08819beb7f8acb42.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes17\_png.rf.5ed6a6f0d9b8c532bbf2a1b31a0e6852.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes414\_png.rf.a0e851764f71cce3e5b9c4d780572c95.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes36\_png.rf.32fe644695caale84ac1383c14ee82d9.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0151\_jpg.rf.378879ae0654d7e5e383120ecebfe5d4.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/yt-k33z6JeCvdc-0185\_jpg.rf.718e7591a18a05307adf6621e5f61bb9.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0254\_jpg.rf.27a83e6b6c92022153ff5e39dde3f986.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes613\_png.rf.4315f6d91179714bf7679d7675ad2b12.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/Fallen\_trees-19-\_jpg.rf.b6a7ef776e2dd35db9e9366ca9438ec5.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes620\_png.rf.cfdd065bb02b6605a7a3afd028858a14.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0161\_jpg.rf.4344c0c8b54efe271d6d3c689b287ebf.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes595\_png.rf.8748ef00915e3df233878b67e5dc99de.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes488\_png.rf.726c8bcd95c61a5d64b13bd527389951.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes572\_png.rf.ee84dec4ba9cbf8ead81dcc1b505b862.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000036\_jpg.rf.0dab817fb0649a9bee2334bd92a29721.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes146\_png.rf.9664ac0972e2b9d20def2a790614aea7.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000009\_jpg.rf.4bc5f1122c05151d565dbcec2c67bb8b.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes310\_png.rf.526e726a19f4eb49144b16f8dc259415.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes53\_png.rf.ad8bd0d35a5f0f39054b2386bcb7a8b2.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/15\_jpeg.rf.3035164633be738fa71735113d73df7e.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/113\_jpeg.rf.13edbf8aacf83b6b6859a88da60cf471.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes608\_png.rf.cbd1bef3fcf2f7076ccd8c09fa0da21d.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/135\_png.rf.48df4ae45ebacf03a54c5412668a9a55.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/152\_jpeg.rf.bf2ce37ad082238b75c685202a840695.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/yt-k33z6JeCvdc-0053\_jpg.rf.764f696d187d

b6a4e3b0517dfd5e1cf7.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes62\_png.rf.151e3bcb39bfdba6b34be0a4178ccf22.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes337\_png.rf.f9d3f326cf92c32693c5c5b8683b3314.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/12\_png.rf.b626d70b57181ddddd07a8a6c07c60ee1.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes465\_png.rf.56a06d0c547ad844091b83e5ac4220b8.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000046.jpg.rf.dc5f1d10a848e7ae646451d6e951a22f.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes165\_png.rf.c5e881f4b890a9d573418ea935da604a.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes426\_png.rf.838b3dad5c94e2394ea640ae9e493e75.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yva-94.jpg.rf.08b63f3b912741b0a121e58afafb06db.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes223\_png.rf.092327118eff1b96804cbe7a87alelce.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0274.jpg.rf.1b2f9627a9e885439de5d461fadef775.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0145.jpg.rf.b60950972095bccc63d1fafb43f3ee2c.jpg (deflated 2%)  
updating: road\_anomalies-1/valid/images/64\_jpeg.rf.2b9aa17bed5f9d3cd04cd91fb7c7e715.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/53\_jpeg.rf.2a821203c5fd5d5c6afalb886d20a5e6.jpg (deflated 3%)  
updating: road\_anomalies-1/valid/images/potholes609\_png.rf.7257db5c7e42539c42add5e329fc6a8a.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes30\_png.rf.e7231d5c8367d58b6bb8ae2a57b7e2ec.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000016.jpg.rf.f25f4ee0fb6d04c620fb44313147da79.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000024.jpg.rf.480031cfbbca987ecc3b769e3c9e87b3.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes175\_png.rf.101c0f8caeee42881c4f2f9774c8acb6.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes139\_png.rf.6aab907de3b1a67ac7e78ab5304f40d4.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes148\_png.rf.5017f6d10b0a2d9efb3aa3f55b8d6b46.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes28\_png.rf.f1d4c769093ca84252d3a05ce8218494.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/48\_jpeg.rf.764d7e026308843667c5c252087a13f2.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/107\_jpeg.rf.ce3cfabe388bd640187d1610f0e6b49c.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0189.jpg.rf.68f109ce50ad73338d8e8e7cd6b22ac0.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes356\_png.rf.62f86e5ff27eb53ac0cc9156753af331.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-k33z6JeCvdc-0131.jpg.rf.72516ed00e6b800ebcf6a09edab4d969.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes599\_png.rf.4ccdc38468b5ef662be9

af978d1465d6.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-k33z6JeCvdc-0220\_jpg.rf.5c4f6a75056b42f8842e178a86592be1.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes59\_png.rf.6191b20f5c687682d444fb87a600f8df.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000066\_jpg.rf.133436bc0c40dd1725d16ce553bdb7b5.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000169\_jpg.rf.342d68f383c232633d2590e239aaf7e4.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes6\_png.rf.67e5dac1f103b4fe13eb1e5bffe9bc965.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes561\_png.rf.166508b91d77ef2b31967b1720bc9286.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes611\_png.rf.edef8a2b517198b4280d7d50ec81852e.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes548\_png.rf.062d3d252fc5efd4aebc9e99f0035a14.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000022\_jpg.rf.336865dc0905bf8bf22f71c093f2fe9a.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes193\_png.rf.7465f40a26f96abb74fb131d892b743c.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000078\_jpg.rf.ba24c599f142d43e5964b06dc92b2d54.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0195\_jpg.rf.da4121fcf76f5312fb5cb2afd28743c5.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000162\_jpg.rf.be94f2336da945d80600564717c11e5.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/153\_jpeg.rf.cf780be5a887568b2c68f81b283aad9f.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes280\_png.rf.73535fc4af4798884866895ac31d9879.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes467\_png.rf.f30b1f68a0013fe9ab92fc8e901a87f2.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes309\_png.rf.f624a81b4dd3ab95dea8c41343fef26.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000154\_jpg.rf.aa5f1e68428e418ba8e8527075498b81.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes408\_png.rf.1f7266c995d6b64f118f38fd7de9137b.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes497\_png.rf.f932eba1d6bd3588c2317f8c82a106e1.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0209\_jpg.rf.5eac68452316b8408b082870f216e931.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes445\_png.rf.7014ac53f5929813927af5883cb12371.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/51\_jpeg.rf.57a9f2743c53908f9ebde32092b11943.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes281\_png.rf.8c24956c3c50f98bad74e5f8fd138c24.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes435\_png.rf.9a99244f475cefbae63af0b3276fc6db.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/yt-k33z6JeCvdc-0216\_jpg.rf.ed3a7817a6dc5cdf7e2805e098a5c206.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes562\_png.rf.bd889d64dc131376a1d4

9e26d201c9fd.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0152\_jpg.rf.9b61686df2754d874dcc361a8c300b3f.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes406\_png.rf.0538526a6027195b820018bbef5de01d.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0266\_jpg.rf.d71df50236232d646ba21e20d7ada297.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes474\_png.rf.461c0560ea67be5c3e2f6e0c5b173a99.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes438\_png.rf.2e0917dec6288abcc37b041da17f9771.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes391\_png.rf.34e5086133796baba5c6319a16564687.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/potholes484\_png.rf.21323c930826c63c31f33c25574f38fa.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes114\_png.rf.51d5c5ed9d814c1b9ee9e5044d5219c2.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/Fallen\_trees-18-\_jpg.rf.f6787682c5ce4099735447ecdd4c697e.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/yt-Sdn5VdJqRac-0160\_jpg.rf.ec5a3435faf7b595063ea68b65ab083b.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/images/potholes598\_png.rf.2d1ed58416e066ede0007e8c7cf6aba7.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000081\_jpg.rf.4d025d44bc203c5572ea0c7f7ab925da.jpg (deflated 0%)  
updating: road\_anomalies-1/valid/images/China\_MotorBike\_000017\_jpg.rf.cbc925e7e4bcd77e5e108f73172e2ce.jpg (deflated 1%)  
updating: road\_anomalies-1/valid/labels/ (stored 0%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0254\_jpg.rf.27a83e6b6c92022153ff5e39dde3f986.txt (deflated 37%)  
updating: road\_anomalies-1/valid/labels/potholes28\_png.rf.f1d4c769093ca84252d3a05ce8218494.txt (deflated 32%)  
updating: road\_anomalies-1/valid/labels/potholes163\_png.rf.45521395f9b20210cad000c45c887b5.txt (deflated 52%)  
updating: road\_anomalies-1/valid/labels/yt-k33z6JeCvdc-0051\_jpg.rf.d975a87667efala6f58b57010f282ae2.txt (deflated 57%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0149\_jpg.rf.cf3acba0be366d3978ac4d6e207031be.txt (deflated 55%)  
updating: road\_anomalies-1/valid/labels/potholes325\_png.rf.7d4bba1aa3685eec4658c32910be5bd4.txt (deflated 19%)  
updating: road\_anomalies-1/valid/labels/potholes110\_png.rf.455b14e4daf38b7967971d886db16113.txt (deflated 33%)  
updating: road\_anomalies-1/valid/labels/potholes576\_png.rf.b0d5cb072e89e8f181c588a15a9c03eb.txt (deflated 33%)  
updating: road\_anomalies-1/valid/labels/153\_jpeg.rf.cf780be5a887568b2c68f81b283aad9f.txt (deflated 33%)  
updating: road\_anomalies-1/valid/labels/potholes474\_png.rf.461c0560ea67be5c3e2f6e0c5b173a99.txt (deflated 47%)  
updating: road\_anomalies-1/valid/labels/potholes497\_png.rf.f932eba1d6bd3588c2317f8c82a106e1.txt (deflated 16%)  
updating: road\_anomalies-1/valid/labels/yt-k33z6JeCvdc-0138\_jpg.rf.71bfe5198e8d6b4089ddf0999a39e2f7.txt (deflated 25%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0134\_jpg.rf.cda5416c95aed7e9889d6907bcla580c.txt (deflated 46%)

updating: road\_anomalies-1/valid/labels/potholes598\_png.rf.2d1ed58416e066ede0007e8c7cf6aba7.txt (deflated 16%)  
updating: road\_anomalies-1/valid/labels/48\_jpeg.rf.764d7e026308843667c5c252087a13f2.txt (deflated 34%)  
updating: road\_anomalies-1/valid/labels/potholes146\_png.rf.9664ac0972e2b9d20def2a790614aea7.txt (deflated 35%)  
updating: road\_anomalies-1/valid/labels/51\_jpeg.rf.57a9f2743c53908f9ebde32092b11943.txt (deflated 26%)  
updating: road\_anomalies-1/valid/labels/yt-k33z6JeCvdc-0185\_jpg.rf.718e7591a18a05307adf6621e5f61bb9.txt (deflated 37%)  
updating: road\_anomalies-1/valid/labels/potholes538\_png.rf.a539e0c64bc601d28f76250c880d6469.txt (deflated 55%)  
updating: road\_anomalies-1/valid/labels/Fallen\_trees-24-\_jpg.rf.26b402e56ba76adfdd2323df09d5283d.txt (deflated 14%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0253\_jpg.rf.d7401e7bf52e59998de2e059f2428c28.txt (deflated 35%)  
updating: road\_anomalies-1/valid/labels/potholes614\_png.rf.d751d3543b7cd3743b90bf6248cb09f5.txt (deflated 33%)  
updating: road\_anomalies-1/valid/labels/potholes525\_png.rf.c519bad140e9c6406900422b7e2175f0.txt (deflated 54%)  
updating: road\_anomalies-1/valid/labels/potholes603\_png.rf.79a952c35b7e95fb05d2cf553d4d1e46.txt (deflated 21%)  
updating: road\_anomalies-1/valid/labels/potholes280\_png.rf.73535fc4af4798884866895ac31d9879.txt (deflated 35%)  
updating: road\_anomalies-1/valid/labels/potholes595\_png.rf.8748ef00915e3df233878b67e5dc99de.txt (deflated 18%)  
updating: road\_anomalies-1/valid/labels/potholes145\_png.rf.31a00931081b881e99b4a888d49f537e.txt (deflated 46%)  
updating: road\_anomalies-1/valid/labels/yt-k33z6JeCvdc-0139\_jpg.rf.8b5aa423982e14b6061ecdda15871a7a.txt (deflated 23%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0114\_jpg.rf.59dc20e696ec24716215e5739dbdd862.txt (deflated 39%)  
updating: road\_anomalies-1/valid/labels/potholes36\_png.rf.32fe644695caa1e84ac1383c14ee82d9.txt (deflated 17%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0205\_jpg.rf.daf12cd588a846f4c2dd3c6dc9fc0a95.txt (deflated 37%)  
updating: road\_anomalies-1/valid/labels/potholes150\_png.rf.94851a3a872a8f6186a4035fece210ab.txt (deflated 32%)  
updating: road\_anomalies-1/valid/labels/potholes606\_png.rf.cd7e6ba05c26f9ff1b59c8182d58b5c1.txt (deflated 45%)  
updating: road\_anomalies-1/valid/labels/potholes384\_png.rf.46d9bf4dc8464ad478d6a87914454910.txt (deflated 30%)  
updating: road\_anomalies-1/valid/labels/potholes30\_png.rf.e7231d5c8367d58b6bb8ae2a57b7e2ec.txt (deflated 35%)  
updating: road\_anomalies-1/valid/labels/potholes38\_png.rf.c31386d4f6cdb81d8c189cclce3b5495.txt (deflated 37%)  
updating: road\_anomalies-1/valid/labels/potholes60\_png.rf.067700dfe32f2081196d4109da277e5b.txt (deflated 14%)  
updating: road\_anomalies-1/valid/labels/potholes565\_png.rf.378ea69c9d582978cd3c470e35201ela.txt (deflated 15%)  
updating: road\_anomalies-1/valid/labels/yt-k33z6JeCvdc-0131\_jpg.rf.72516ed00e6b800ebcf6a09edab4d969.txt (deflated 24%)  
updating: road\_anomalies-1/valid/labels/potholes310\_png.rf.526e726a19f4eb49144b16f8dc259415.txt (deflated 58%)

updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0178\_jpg.rf.45c88a072247059b774a1a127583d498.txt (deflated 43%)  
updating: road\_anomalies-1/valid/labels/potholes550\_png.rf.bef0b9e7a522ce6575bde72faa3d61df.txt (deflated 34%)  
updating: road\_anomalies-1/valid/labels/yt-k33z6JeCvdc-0216\_jpg.rf.ed3a7817a6dc5cdf7e2805e098a5c206.txt (deflated 59%)  
updating: road\_anomalies-1/valid/labels/potholes281\_png.rf.8c24956c3c50f98bad74e5f8fd138c24.txt (deflated 44%)  
updating: road\_anomalies-1/valid/labels/potholes345\_png.rf.1ff40cf3b2a17aacc97cdaea689a9c8b.txt (deflated 51%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000076\_jpg.rf.c6f3f8927b44e12359a2cd1fac1e6c0a.txt (deflated 49%)  
updating: road\_anomalies-1/valid/labels/potholes114\_png.rf.51d5c5ed9d814c1b9ee9e5044d5219c2.txt (deflated 44%)  
updating: road\_anomalies-1/valid/labels/potholes299\_png.rf.d117679c8039429124d46a97462d07d5.txt (deflated 38%)  
updating: road\_anomalies-1/valid/labels/49\_jpeg.rf.b1297b69c3eb9a17b426edf801dbc16.txt (deflated 11%)  
updating: road\_anomalies-1/valid/labels/potholes482\_png.rf.29d1657aadb1e957c8bf4ff3f23dbb4b.txt (deflated 39%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000046\_jpg.rf.dc5f1d10a848e7ae646451d6e951a22f.txt (deflated 18%)  
updating: road\_anomalies-1/valid/labels/potholes561\_png.rf.166508b91d77ef2b31967b1720bc9286.txt (deflated 32%)  
updating: road\_anomalies-1/valid/labels/Fallen\_trees-18-\_jpg.rf.f6787682c5ce4099735447ecdd4c697e.txt (deflated 24%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000081\_jpg.rf.4d025d44bc203c5572ea0c7f7ab925da.txt (deflated 31%)  
updating: road\_anomalies-1/valid/labels/potholes226\_png.rf.0b22a2dce029fad20ac7b84be7760ad2.txt (deflated 34%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0190\_jpg.rf.f6f4bdfdf72f36c535ff83556e00calc9.txt (deflated 51%)  
updating: road\_anomalies-1/valid/labels/potholes406\_png.rf.0538526a6027195b820018bbef5de01d.txt (deflated 18%)  
updating: road\_anomalies-1/valid/labels/77\_jpg.rf.0b03caa1173bf9afc077b02ae5bb4eb2.txt (deflated 69%)  
updating: road\_anomalies-1/valid/labels/potholes193\_png.rf.7465f40a26f96abb74fb131d892b743c.txt (deflated 57%)  
updating: road\_anomalies-1/valid/labels/70\_jpeg.rf.5a3f9c4c73645c03059d0d5ae68c4b01.txt (deflated 23%)  
updating: road\_anomalies-1/valid/labels/12\_png.rf.b626d70b57181ddddd07a8a6c07c60ee1.txt (deflated 62%)  
updating: road\_anomalies-1/valid/labels/yt-false-0004\_jpg.rf.b363eed3cc2b04b6b7f4a7ad5ebb66cc.txt (deflated 46%)  
updating: road\_anomalies-1/valid/labels/potholes337\_png.rf.f9d3f326cf92c32693c5c5b8683b3314.txt (deflated 17%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0176\_jpg.rf.3bc470ad8be8403b17f656e7a3435ce5.txt (deflated 48%)  
updating: road\_anomalies-1/valid/labels/potholes411\_png.rf.0f29a770782d7cf770aea452b9f24ab2.txt (deflated 64%)  
updating: road\_anomalies-1/valid/labels/yt-false-0001\_jpg.rf.36c69416977bcb16d728fc2a91925081.txt (deflated 47%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000066\_jpg.rf.133436bc0c40dd1725d16ce553bdb7b5.txt (deflated 51%)

updating: road\_anomalies-1/valid/labels/potholes426\_png.rf.838b3dad5c94e2394ea640ae9e493e75.txt (deflated 23%)  
updating: road\_anomalies-1/valid/labels/potholes467\_png.rf.f30b1f68a0013fe9ab92fc8e901a87f2.txt (deflated 55%)  
updating: road\_anomalies-1/valid/labels/potholes54\_png.rf.fd4dda178b68e143426b6d937077f395.txt (deflated 23%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000024\_jpg.rf.480031cfb bca987ecc3b769e3c9e87b3.txt (deflated 20%)  
updating: road\_anomalies-1/valid/labels/potholes323\_png.rf.6e24006393eeef4d859dc25d4701bca4.txt (deflated 36%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0160\_jpg.rf.ec5a3435faf7b595063ea68b65ab083b.txt (deflated 50%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0145\_jpg.rf.b60950972095bccc63d1fafb43f3ee2c.txt (deflated 36%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0261\_jpg.rf.b3040d638d98308e7e8e48ff41ba8f20.txt (deflated 50%)  
updating: road\_anomalies-1/valid/labels/potholes62\_png.rf.151e3bcb39bfdba6b34be0a4178ccf22.txt (deflated 32%)  
updating: road\_anomalies-1/valid/labels/potholes536\_png.rf.f797ca006aa9bbb7fc46a47b0a25350c.txt (deflated 30%)  
updating: road\_anomalies-1/valid/labels/yt-k33z6JeCvdc-0053\_jpg.rf.764f696d187db6a4e3b0517dfd5e1cf7.txt (deflated 49%)  
updating: road\_anomalies-1/valid/labels/124\_jpeg.rf.644c25771bfd2b54873543bb9068b4ab.txt (deflated 64%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000036\_jpg.rf.0dab817fb0649a9bee2334bd92a29721.txt (deflated 47%)  
updating: road\_anomalies-1/valid/labels/64\_jpeg.rf.2b9aa17bed5f9d3cd04cd91fb7c7e715.txt (deflated 60%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000009\_jpg.rf.4bc5f1122c05151d565dbcec2c67bb8b.txt (deflated 25%)  
updating: road\_anomalies-1/valid/labels/30\_png.rf.5c4cf23a7c0733e64779f677d756642a.txt (deflated 65%)  
updating: road\_anomalies-1/valid/labels/potholes599\_png.rf.4ccdc38468b5ef662be9af978d1465d6.txt (deflated 47%)  
updating: road\_anomalies-1/valid/labels/potholes408\_png.rf.1f7266c995d6b64f118f38fd7de9137b.txt (deflated 19%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000032\_jpg.rf.1e8b1ccff2f54f09cf22ac5d6c1e98e9.txt (deflated 51%)  
updating: road\_anomalies-1/valid/labels/yt-k33z6JeCvdc-0137\_jpg.rf.2c39023bbde13a2c4f0c1979220e9058.txt (deflated 24%)  
updating: road\_anomalies-1/valid/labels/potholes562\_png.rf.bd889d64dc131376a1d49e26d201c9fd.txt (deflated 33%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000078\_jpg.rf.ba24c599f142d43e5964b06dc92b2d54.txt (deflated 38%)  
updating: road\_anomalies-1/valid/labels/potholes491\_png.rf.6a1217d86dc84c0062690ba8c7a88a98.txt (deflated 33%)  
updating: road\_anomalies-1/valid/labels/potholes563\_png.rf.0245d64295c54a1f08819beb7f8acb42.txt (deflated 31%)  
updating: road\_anomalies-1/valid/labels/53\_jpeg.rf.2a821203c5fd5d5c6afa1b886d20a5e6.txt (deflated 19%)  
updating: road\_anomalies-1/valid/labels/potholes217\_png.rf.fad70609021d8eb914c1b3901012e938.txt (deflated 52%)  
updating: road\_anomalies-1/valid/labels/potholes620\_png.rf.cfdd065bb02b6605a7a3afd028858a14.txt (deflated 20%)

updating: road\_anomalies-1/valid/labels/potholes332\_png.rf.71456725632a743b33e01f692aa50dc9.txt (deflated 43%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000031\_jpg.rf.fd42afaf5485aee7e8d2b1f03a57e178.txt (deflated 33%)  
updating: road\_anomalies-1/valid/labels/potholes148\_png.rf.5017f6d10b0a2d9efb3aa3f55b8d6b46.txt (deflated 46%)  
updating: road\_anomalies-1/valid/labels/potholes465\_png.rf.56a06d0c547ad844091b83e5ac4220b8.txt (deflated 28%)  
updating: road\_anomalies-1/valid/labels/potholes302\_png.rf.00774c51142f522554171fc16f7d53ba.txt (deflated 43%)  
updating: road\_anomalies-1/valid/labels/potholes414\_png.rf.a0e851764f71cce3e5b9c4d780572c95.txt (deflated 18%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0155\_jpg.rf.b37e72d9e7308983021842abf0d2abd2.txt (deflated 46%)  
updating: road\_anomalies-1/valid/labels/63\_jpeg.rf.8d15d10f467889178d40deaa870879ab.txt (deflated 56%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000035\_jpg.rf.fdd6be007e4b4c5ad08257d3c8a7ebac.txt (deflated 23%)  
updating: road\_anomalies-1/valid/labels/potholes421\_png.rf.5c783e19971cecede2897ab3ced01fcc4.txt (deflated 15%)  
updating: road\_anomalies-1/valid/labels/152\_jpeg.rf.bf2ce37ad082238b75c685202a840695.txt (deflated 37%)  
updating: road\_anomalies-1/valid/labels/potholes515\_png.rf.d0387f1fa091f16ccc2dcdd76586b219.txt (deflated 25%)  
updating: road\_anomalies-1/valid/labels/potholes435\_png.rf.9a99244f475cefbae63af0b3276fc6db.txt (deflated 35%)  
updating: road\_anomalies-1/valid/labels/potholes202\_png.rf.8c09973569352794c427f9f8e6c4b130.txt (deflated 59%)  
updating: road\_anomalies-1/valid/labels/potholes584\_png.rf.6b1d404149a9c61140b9f2a35f3ed6c8.txt (deflated 51%)  
updating: road\_anomalies-1/valid/labels/potholes615\_png.rf.b2aea3b7771de5ea8b0e3be4305a01f6.txt (deflated 47%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0183\_jpg.rf.e63a83389324403e10e14b1817900895.txt (deflated 55%)  
updating: road\_anomalies-1/valid/labels/potholes418\_png.rf.15c212821c0bd79eb2f94d20ald50652.txt (deflated 54%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0161\_jpg.rf.4344c0c8b54efe271d6d3c689b287ebf.txt (deflated 55%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000086\_jpg.rf.57e4be78506649534ce693f1a0cd7cf6.txt (deflated 57%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0300\_jpg.rf.95df0a2d7afe0a590ab9fd62e33c4ab.txt (deflated 52%)  
updating: road\_anomalies-1/valid/labels/potholes391\_png.rf.34e5086133796baba5c6319a16564687.txt (deflated 55%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000003\_jpg.rf.b805d010b8d26dd88d6186e9523c63e6.txt (deflated 56%)  
updating: road\_anomalies-1/valid/labels/156\_jpeg.rf.b0a0e70e8663992db4882bf30fd74a7f.txt (deflated 16%)  
updating: road\_anomalies-1/valid/labels/potholes177\_png.rf.48f6f4b9f264402b5e2d1daac5aabc45.txt (deflated 64%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000022\_jpg.rf.336865dc0905bf8bf22f71c093f2fe9a.txt (deflated 15%)  
updating: road\_anomalies-1/valid/labels/potholes20\_png.rf.0c159abc48c86924d774fa07b8f0d301.txt (deflated 39%)



updating: road\_anomalies-1/valid/labels/potholes187\_png.rf.9d65e0896d990b1d07c5158e9f3ee256.txt (deflated 46%)  
updating: road\_anomalies-1/valid/labels/yva-94\_jpg.rf.08b63f3b912741b0a121e58afafb06db.txt (deflated 14%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000069\_jpg.rf.beec9fdb9361e02c9f00588e6b1d6216.txt (deflated 21%)  
updating: road\_anomalies-1/valid/labels/19\_jpeg.rf.28ad0f6a05ffa99ed031aa55ba228cb1.txt (deflated 47%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0185\_jpg.rf.9b8cd73188a745cd5f711607affc6a2f.txt (deflated 53%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000187\_jpg.rf.d34dfc1082b5e275964de08e46c2664a.txt (deflated 15%)  
updating: road\_anomalies-1/valid/labels/potholes19\_png.rf.083268148f3571c80c1f79c2bbb15856.txt (deflated 36%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000189\_jpg.rf.f958b2e66f164b63f77395eeffbbf357.txt (deflated 46%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0151\_jpg.rf.378879ae0654d7e5e383120ecef5d4.txt (deflated 53%)  
updating: road\_anomalies-1/valid/labels/potholes53\_png.rf.ad8bd0d35a5f0f39054b2386bcb7a8b2.txt (deflated 55%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000047\_jpg.rf.1c62d2d4be590848711030a943e34d45.txt (deflated 60%)  
updating: road\_anomalies-1/valid/labels/potholes389\_png.rf.4b52e26111f0a5b5ce1445d49b0afe69.txt (deflated 37%)  
updating: road\_anomalies-1/valid/labels/potholes572\_png.rf.ee84dec4ba9cbf8ead81dcc1b505b862.txt (deflated 23%)  
updating: road\_anomalies-1/valid/labels/potholes194\_png.rf.536f5fbe1654ede35fb42a001829de80.txt (deflated 31%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000154\_jpg.rf.aa5f1e68428e418ba8e8527075498b81.txt (deflated 53%)  
updating: road\_anomalies-1/valid/labels/potholes165\_png.rf.c5e881f4b890a9d573418ea935da604a.txt (deflated 47%)  
updating: road\_anomalies-1/valid/labels/potholes438\_png.rf.2e0917dec6288abcc37b041da17f9771.txt (deflated 13%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000169\_jpg.rf.342d68f383c232633d2590e239aaf7e4.txt (deflated 52%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000143\_jpg.rf.422da1fa4856ba31e6989cf63369190d.txt (deflated 48%)  
updating: road\_anomalies-1/valid/labels/potholes29\_png.rf.889cac1b2d670c3810d86fec1580f7bb.txt (deflated 45%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000016\_jpg.rf.f25f4ee0fb6d04c620fb44313147da79.txt (deflated 17%)  
updating: road\_anomalies-1/valid/labels/potholes349\_png.rf.ae972d098655d3dd5e656f138bbd11cf.txt (deflated 14%)  
updating: road\_anomalies-1/valid/labels/potholes608\_png.rf.cbd1bef3fcf2f7076ccd8c09fa0da21d.txt (deflated 27%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000194\_jpg.rf.07cce15618e64f23c06aca09ac53cae4.txt (deflated 40%)  
updating: road\_anomalies-1/valid/labels/potholes462\_png.rf.16faf82d545d4b7f422c087a168f7135.txt (deflated 11%)  
updating: road\_anomalies-1/valid/labels/potholes564\_png.rf.a9c945f05c7d107cbf1e70f6c078cca1.txt (deflated 23%)  
updating: road\_anomalies-1/valid/labels/potholes309\_png.rf.f624a81b4dd3ab95dea8c41343fef26.txt (deflated 51%)

updating: road\_anomalies-1/valid/labels/potholes579\_png.rf.b4e6a52c91b2c0335b21be2193b6c526.txt (deflated 43%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0152\_jpg.rf.9b61686df2754d874dcc361a8c300b3f.txt (deflated 54%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000115\_jpg.rf.7f53040d1d5454a4fb1618e7d0b20d40.txt (deflated 12%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000127\_jpg.rf.c75eac9b0f6ffda6341d041c73054299.txt (deflated 33%)  
updating: road\_anomalies-1/valid/labels/potholes352\_png.rf.854150371431f98e762722888b8bd870.txt (deflated 17%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000017\_jpg.rf.cbc925e7ee4bcd77e5e108f73172e2ce.txt (deflated 45%)  
updating: road\_anomalies-1/valid/labels/potholes604\_png.rf.7e3eb830456e4fbe0b21f126e0733e98.txt (deflated 33%)  
updating: road\_anomalies-1/valid/labels/yt-k33z6JeCvdc-0220\_jpg.rf.5c4f6a75056b42f8842e178a86592be1.txt (deflated 56%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000040\_jpg.rf.12807ef6f34bd6eddlc1876f5e501b27.txt (deflated 14%)  
updating: road\_anomalies-1/valid/labels/potholes59\_png.rf.6191b20f5c687682d444fb87a600f8df.txt (deflated 11%)  
updating: road\_anomalies-1/valid/labels/potholes548\_png.rf.062d3d252fc5efd4aebc9e99f0035a14.txt (deflated 14%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0209\_jpg.rf.5eac68452316b8408b082870f216e931.txt (deflated 14%)  
updating: road\_anomalies-1/valid/labels/142\_jpeg.rf.fca951d651faa3c377fbe69f174a6ee1.txt (deflated 19%)  
updating: road\_anomalies-1/valid/labels/potholes143\_png.rf.731b24d4283f58dad334c6840e9a160c.txt (deflated 16%)  
updating: road\_anomalies-1/valid/labels/potholes593\_png.rf.7fac6ce1c0dc44285538de60eb7ddd90.txt (deflated 16%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0274\_jpg.rf.1b2f9627a9e885439de5d461fedef775.txt (deflated 62%)  
updating: road\_anomalies-1/valid/labels/potholes488\_png.rf.726c8bcd95c61a5d64b13bd527389951.txt (deflated 16%)  
updating: road\_anomalies-1/valid/labels/135\_png.rf.48df4ae45ebacf03a54c5412668a9a55.txt (deflated 18%)  
updating: road\_anomalies-1/valid/labels/113\_jpeg.rf.13edbf8aacf83b6b6859a88da60cf471.txt (deflated 31%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0266\_jpg.rf.d71df50236232d646ba21e20d7ada297.txt (deflated 56%)  
updating: road\_anomalies-1/valid/labels/potholes611\_png.rf.edef8a2b517198b4280d7d50ec81852e.txt (deflated 45%)  
updating: road\_anomalies-1/valid/labels/90\_jpeg.rf.c976f3189522589127877f1d6a1c546a.txt (deflated 68%)  
updating: road\_anomalies-1/valid/labels/potholes366\_png.rf.4938deffbe2acd48323c83ea6b4386c4.txt (deflated 53%)  
updating: road\_anomalies-1/valid/labels/15\_jpeg.rf.3035164633be738fa71735113d73df7e.txt (deflated 36%)  
updating: road\_anomalies-1/valid/labels/potholes139\_png.rf.6aab907de3b1a67ac7e78ab5304f40d4.txt (deflated 36%)  
updating: road\_anomalies-1/valid/labels/potholes484\_png.rf.21323c930826c63c31f33c25574f38fa.txt (deflated 36%)  
updating: road\_anomalies-1/valid/labels/potholes48\_png.rf.81a5f60146f65553c90f954eeaa2500.txt (deflated 30%)

updating: road\_anomalies-1/valid/labels/potholes6\_png.rf.67e5dac1f103b4fe13eb1e5bffe9bc965.txt (deflated 23%)  
updating: road\_anomalies-1/valid/labels/Fallen\_trees-10-\_jpg.rf.f9f186fec556d9b445f21eb9c85a733.txt (deflated 14%)  
updating: road\_anomalies-1/valid/labels/potholes356\_png.rf.62f86e5ff27eb53ac0cc9156753af331.txt (deflated 37%)  
updating: road\_anomalies-1/valid/labels/Fallen\_trees-19-\_jpg.rf.b6a7ef776e2dd35db9e9366ca9438ec5.txt (deflated 22%)  
updating: road\_anomalies-1/valid/labels/potholes12\_png.rf.2ecb11a0220e5bc752aa60c7b3081f8c.txt (deflated 55%)  
updating: road\_anomalies-1/valid/labels/potholes613\_png.rf.4315f6d91179714bf7679d7675ad2b12.txt (deflated 37%)  
updating: road\_anomalies-1/valid/labels/potholes445\_png.rf.7014ac53f5929813927af5883cb12371.txt (deflated 61%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000054\_jpg.rf.29fe5a85443bc204e11fa258d40eedad.txt (deflated 14%)  
updating: road\_anomalies-1/valid/labels/photo\_7\_2024-11-04\_15-47-54\_jpg.rf.f315818fc786030b3a297d911b949247.txt (deflated 14%)  
updating: road\_anomalies-1/valid/labels/potholes623\_png.rf.91e8e4e55ec0001380690fa554c0f0ea.txt (deflated 31%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000008\_jpg.rf.fc15b05edb202eae271bd3762a7a7de9.txt (deflated 47%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000162\_jpg.rf.be94f2336da945d80600564717celle5.txt (deflated 17%)  
updating: road\_anomalies-1/valid/labels/potholes17\_png.rf.5ed6a6f0d9b8c532bbf2a1b31a0e6852.txt (deflated 18%)  
updating: road\_anomalies-1/valid/labels/107\_jpeg.rf.ce3cfabe388bd640187d1610f0e6b49c.txt (deflated 20%)  
updating: road\_anomalies-1/valid/labels/China\_MotorBike\_000140\_jpg.rf.785283eee14140267b0bc79cb372e9c7.txt (deflated 40%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0189\_jpg.rf.68f109ce50ad73338d8e8e7cd6b22ac0.txt (deflated 56%)  
updating: road\_anomalies-1/valid/labels/potholes51\_png.rf.573fece38892a3708d6cd914225b2e35.txt (deflated 13%)  
updating: road\_anomalies-1/valid/labels/24\_png.rf.5754dbe9f51f1fa9ab5df94e19cd8dd3.txt (deflated 20%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0232\_jpg.rf.7351205aa000d824455fb9505a05512c.txt (deflated 36%)  
updating: road\_anomalies-1/valid/labels/potholes223\_png.rf.092327118eff1b96804cbe7a87alelce.txt (deflated 33%)  
updating: road\_anomalies-1/valid/labels/potholes609\_png.rf.7257db5c7e42539c42add5e329fc6a8a.txt (deflated 29%)  
updating: road\_anomalies-1/valid/labels/potholes175\_png.rf.101c0f8caaee42881c4f2f9774c8acb6.txt (deflated 45%)  
updating: road\_anomalies-1/valid/labels/yt-Sdn5VdJqRac-0195\_jpg.rf.da4121fcf76f5312fb5cb2afd28743c5.txt (deflated 34%)  
updating: road\_anomalies-1/valid/labels/potholes156\_png.rf.4316b51de3d2fb889031dc6656fd73b9.txt (deflated 19%)  
updating: road\_anomalies-1/valid/labels/potholes616\_png.rf.7e7d5a19c2331ca69dd208c8694db28e.txt (deflated 33%)  
updating: road\_anomalies-1/test/ (stored 0%)  
updating: road\_anomalies-1/test/labels.cache (deflated 72%)  
updating: road\_anomalies-1/test/images/ (stored 0%)  
updating: road\_anomalies-1/test/images/potholes466\_png.rf.54e8d99f72df0f1f6355c

83f81223000.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes537\_png.rf.7ce19910d7d8e7dceb5f3b63dde00094.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes219\_png.rf.0f1ce2cdf331613f1798918cc62c637d.jpg (deflated 1%)  
updating: road\_anomalies-1/test/images/China\_MotorBike\_000135\_jpg.rf.7b5f37aeda6ba1954432669dc62b90d5.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/97\_png.rf.895699600468ee837a8e9b3d40e2db84.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/127\_jpeg.rf.7b78f7a368eaf968968067b63b22f5da.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/162\_jpeg.rf.ce4d8d724cdd8251e4a20cd138f6cc1e.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes320\_png.rf.de07e90f4af61a731a935bcfa16638a4.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes471\_png.rf.821f7b10d8188e0f0b79cee3d04d2a34.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes291\_png.rf.2a05a170d129557d52b4558eb1132efe.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/China\_MotorBike\_000010\_jpg.rf.a2aa5ae6eebf15a2df6df08ac8162154.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/yt-Sdn5VdJqRac-0115\_jpg.rf.5ac2e6b120e857e3b970acd82480bc53.jpg (deflated 2%)  
updating: road\_anomalies-1/test/images/potholes34\_png.rf.e347df914982b98dc57ca7cb0d2cf48c.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/yt-Sdn5VdJqRac-0135\_jpg.rf.0f9d5bab85f39e5e8384a9a8ca6201e6.jpg (deflated 2%)  
updating: road\_anomalies-1/test/images/photo\_2\_2024-11-04\_15-47-54\_jpg.rf.b3863elcd6fcla2c16ecdd5ae84c7d41.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/45\_jpeg.rf.610cdac5f863f9664e25610f4f9b8318.jpg (deflated 1%)  
updating: road\_anomalies-1/test/images/potholes573\_png.rf.c29efd91589bbc61371ec2f68fd1495e.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/China\_MotorBike\_000015\_jpg.rf.e6b23aa4eb69b5e7fd342079127801f5.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/yt-k33z6JeCvdc-0212\_jpg.rf.84f50c8c3d0f97df0cdfc17bbebd936b.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/7\_jpeg.rf.a427a2252ce2adfd6b632ade106033c.jpg (deflated 1%)  
updating: road\_anomalies-1/test/images/China\_MotorBike\_000138\_jpg.rf.7537fe9f97ec4219386834394bfa6d4e.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes46\_png.rf.cfcbb731fc0f6ce73bbbf17c62cafa2.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes433\_png.rf.1194cf6d2814eca851ea1fclb9536583.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/yt-Sdn5VdJqRac-0249\_jpg.rf.4d92ff37b5f3a50e47912066cc2a786e.jpg (deflated 1%)  
updating: road\_anomalies-1/test/images/potholes350\_png.rf.6599c208fe2455bb5c42fb45220c1145.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/179\_jpeg.rf.f33140099bee4c6772edd1bcf5b6fce0.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/China\_MotorBike\_000050\_jpg.rf.4ba283b0c68202662dlf0987c8b79b17.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes520\_png.rf.e65e264f3361d2d68f4cc

95a68ca2e3e.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes228\_png.rf.1f54c504e532edb180e1f7ca99979394.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes442\_png.rf.0e2a6289f9d39d4edd9390675a0b748c.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes523\_png.rf.1d730a940d8659bcebd9085a37724acf.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes545\_png.rf.3c541979450a58f6b5890f16ddb61a99.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/Fallen\_trees-30-\_jpg.rf.3453e59e0e50ad8dbcd3cfa252636fffd.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes57\_png.rf.954840b61e0959266f9f45cd25739944.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/yt-Sdn5VdJqRac-0272\_jpg.rf.4283c7673d9aae1ab270edbe32b633d0.jpg (deflated 1%)  
updating: road\_anomalies-1/test/images/potholes203\_png.rf.44ab6d62e5dceff5876a6933dd0a9992.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes481\_png.rf.fdf20334a777c654d697d0e26e69abdb.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes485\_png.rf.f14d93d73e846d7873923efdbb07a3e0.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/yt-k33z6JeCvdc-0302\_jpg.rf.cd9b9478a72d7bb585d4bd0b02fb85d7.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes199\_png.rf.3389e02c6de0bcca89d077c7a0c4de02.jpg (deflated 1%)  
updating: road\_anomalies-1/test/images/potholes539\_png.rf.5bd440978eb03db0257128289481b539.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes612\_png.rf.864a6e7ce60046bc7f684ca82ebf4029.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/45\_jpeg.rf.0f021103e76aaa604f16c4bf0a05e3bd.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/yt-Sdn5VdJqRac-0308\_jpg.rf.e8f6d3c466868d2d4b6aa23296a2c5f7.jpg (deflated 1%)  
updating: road\_anomalies-1/test/images/117\_jpeg.rf.91e05acea83aff0961bd5778b6f36e77.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/China\_MotorBike\_000172\_jpg.rf.1a758baafb5cd75ebf7f9baled42663.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/China\_MotorBike\_000134\_jpg.rf.02f86f79fd1fd0cbe75dfd68ed14d417.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/China\_MotorBike\_000014\_jpg.rf.da586479ed687ce63cda2535820ef8a0.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/10\_jpeg.rf.6aad0924ec3018114118ced81434f59f.jpg (deflated 1%)  
updating: road\_anomalies-1/test/images/138\_jpeg.rf.3ddeb793f54f32ebb2bf479e56bea9a5.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes125\_png.rf.7acb8a89eda1023b8ee7e0396f529e87.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/China\_MotorBike\_000059\_jpg.rf.6123b15d40a8697b13b317398daaf754.jpg (deflated 1%)  
updating: road\_anomalies-1/test/images/yt-Sdn5VdJqRac-0231\_jpg.rf.6117be1a1e8270154769da97031301e9.jpg (deflated 1%)  
updating: road\_anomalies-1/test/images/11\_jpeg.rf.c8ac0e276ed21caf696766aaaf19d510.jpg (deflated 3%)  
updating: road\_anomalies-1/test/images/146\_jpeg.rf.e9bf541ae6483b30c4290a49308b

77be.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes551\_png.rf.ded1e87bb7debf265079e89ae972828b.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes322\_png.rf.7d1b6f693babe1ff8242e2aaa371f9ac.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/yt-k33z6JeCvdc-0222\_jpg.rf.de87ff6bb0e44095a93ffd95840b73d5.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes232\_png.rf.2713c5437d88ba41fe519660292d005d.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes21\_png.rf.418ce8104709c64d7d118d4fd2c56930.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes104\_png.rf.63cc432e565eea2b2d66464f412ce8dd.jpg (deflated 1%)  
updating: road\_anomalies-1/test/images/potholes285\_png.rf.2a709d6a0bc846a4efbe845bc5c3a121.jpg (deflated 1%)  
updating: road\_anomalies-1/test/images/potholes205\_png.rf.82d3db1999695bda600f4b86e8573f76.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/155\_jpeg.rf.df8e258d0c858cc240328ac83b79c9e4.jpg (deflated 1%)  
updating: road\_anomalies-1/test/images/China\_MotorBike\_000029\_jpg.rf.9ee4f2f98ebffd9d0b9951b4482a00d9.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes103\_png.rf.f5ca23c6c1841627915744f9a49d52fd.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes129\_png.rf.28bd6fdd7f14e3ad3b328f157cdb7c38.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/yt-Sdn5VdJqRac-0146\_jpg.rf.2da8b5879a8f9ea4f3adc71bafa7259a.jpg (deflated 1%)  
updating: road\_anomalies-1/test/images/potholes378\_png.rf.0314d8254154a09286edb19c4d1b9e8.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes589\_png.rf.90e12e2adc4699397c56608ed24523ce.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes436\_png.rf.0fa4c9941346812b97652181da9c9bd5.jpg (deflated 1%)  
updating: road\_anomalies-1/test/images/20\_jpeg.rf.83001dc04c34528c726de639bf9ae040.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/174\_jpeg.rf.0bee3c3b91a6bcb8c72e3214ba223b48.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes43\_png.rf.82ca1a0e82c06968104e2be826daaf39.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/Fallen\_trees-4-\_jpg.rf.37e8b475724ea27aeb36e6064b629c.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/182\_jpeg.rf.d8768315b2126539c02efa578131ce94.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/Fallen\_trees-3-\_jpg.rf.ff8e339a17fd49d4e85280081d6b94b2.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes220\_png.rf.b4aa56d4f9dca82945b6a1c034b71a6b.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/5\_jpeg.rf.ff622b1a4f8c9475826a8710ee7868d4.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/China\_MotorBike\_000065\_jpg.rf.61e4264dc7bebedbc45487300bf15f01.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes535\_png.rf.b92ed1262533b249ef18a2328295f97b.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes586\_png.rf.fe932ed7b4ce97cc13bd1

180334304c3.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes504\_png.rf.dd4b0824a002b3ff7f86d  
b13261d7feb.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/yt-Sdn5VdJqRac-0269\_jpg.rf.9e15250510546  
1f355eea0c0f9217526.jpg (deflated 1%)  
updating: road\_anomalies-1/test/images/China\_MotorBike\_000058\_jpg.rf.60ef31b56c  
5e988200d1911f6ea83357.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes101\_png.rf.633c589cc68303cd9757c  
319940e70d5.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/16-\_jpeg.rf.43abf6661c0f128b9957e8bfb6cb  
9df1.jpg (deflated 2%)  
updating: road\_anomalies-1/test/images/China\_MotorBike\_000067\_jpg.rf.e153507680  
d9289a6ca655e346f6ff73.jpg (deflated 1%)  
updating: road\_anomalies-1/test/images/yt-k33z6JeCvdc-0218\_jpg.rf.daeb0babf07f7  
95630d31d30d8cd997b.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes453\_png.rf.823a8cedefc1cfc5ab836  
91f079a14cc.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes33\_png.rf.c252567d7b8874c6406d4d  
8ce8b9aa3b.jpg (deflated 1%)  
updating: road\_anomalies-1/test/images/potholes162\_png.rf.8ddc2e9aedc694827693d  
954fca06e41.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes636\_png.rf.25ab1c6a1b8b46beeaaf0  
00c03d51296.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes50\_png.rf.93ee85f7d9b5fcc3a5bd52  
d8ca71de12.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/China\_MotorBike\_000056\_jpg.rf.3d6e0c1c17  
6d369d5af61579b23139f5.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/141\_jpeg.rf.69eff07a2895005633f6bale759d  
1db9.jpg (deflated 2%)  
updating: road\_anomalies-1/test/images/potholes449\_png.rf.e315adec06abd7b0c8d0d  
0d95c723818.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/22\_jpeg.rf.f28ade26d7ae39899a81a9d8186a4  
cc2.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes553\_png.rf.f1eeff7cc9c7a628e1af1  
e93adbfb3949.jpg (deflated 0%)  
updating: road\_anomalies-1/test/images/potholes330\_png.rf.3328ea89e9facc569facf  
322b05b1125.jpg (deflated 0%)  
updating: road\_anomalies-1/test/labels/ (stored 0%)  
updating: road\_anomalies-1/test/labels/potholes471\_png.rf.821f7b10d8188e0f0b79c  
ee3d04d2a34.txt (deflated 14%)  
updating: road\_anomalies-1/test/labels/potholes322\_png.rf.7d1b6f693babe1ff8242e  
2aaa371f9ac.txt (deflated 34%)  
updating: road\_anomalies-1/test/labels/potholes520\_png.rf.e65e264f3361d2d68f4cc  
95a68ca2e3e.txt (deflated 72%)  
updating: road\_anomalies-1/test/labels/7\_jpeg.rf.a427a2252ce2adfddb6632ade10603  
3c.txt (deflated 21%)  
updating: road\_anomalies-1/test/labels/potholes537\_png.rf.7ce19910d7d8e7dceb5f3  
b63dde00094.txt (deflated 46%)  
updating: road\_anomalies-1/test/labels/potholes104\_png.rf.63cc432e565eea2b2d664  
64f412ce8dd.txt (deflated 37%)  
updating: road\_anomalies-1/test/labels/potholes523\_png.rf.1d730a940d8659bcebd90  
85a37724acf.txt (deflated 37%)  
updating: road\_anomalies-1/test/labels/China\_MotorBike\_000135\_jpg.rf.7b5f37aeda  
6ba1954432669dc62b90d5.txt (deflated 33%)

updating: road\_anomalies-1/test/labels/China\_MotorBike\_000138\_jpg.rf.7537fe9f97ec4219386834394bfa6d4e.txt (deflated 36%)  
updating: road\_anomalies-1/test/labels/China\_MotorBike\_000059\_jpg.rf.6123b15d40a8697b13b317398daaf754.txt (deflated 33%)  
updating: road\_anomalies-1/test/labels/yt-Sdn5VdJqRac-0269\_jpg.rf.9e152505105461f355eea0c0f9217526.txt (deflated 57%)  
updating: road\_anomalies-1/test/labels/45\_jpeg.rf.0f021103e76aaa604f16c4bf0a05e3bd.txt (deflated 61%)  
updating: road\_anomalies-1/test/labels/potholes129\_png.rf.28bd6fdd7f14e3ad3b328f157cdb7c38.txt (deflated 16%)  
updating: road\_anomalies-1/test/labels/182\_jpeg.rf.d8768315b2126539c02efa578131ce94.txt (deflated 56%)  
updating: road\_anomalies-1/test/labels/China\_MotorBike\_000015\_jpg.rf.e6b23aa4eb69b5e7fd342079127801f5.txt (deflated 33%)  
updating: road\_anomalies-1/test/labels/China\_MotorBike\_000029\_jpg.rf.9ee4f2f98ebffd9d0b9951b4482a00d9.txt (deflated 57%)  
updating: road\_anomalies-1/test/labels/potholes21\_png.rf.418ce8104709c64d7d118d4fd2c56930.txt (deflated 44%)  
updating: road\_anomalies-1/test/labels/China\_MotorBike\_000058\_jpg.rf.60ef31b56c5e988200d1911f6ea83357.txt (deflated 46%)  
updating: road\_anomalies-1/test/labels/potholes199\_png.rf.3389e02c6de0bcca89d077c7a0c4de02.txt (deflated 46%)  
updating: road\_anomalies-1/test/labels/potholes228\_png.rf.1f54c504e532edb180e1f7ca99979394.txt (deflated 35%)  
updating: road\_anomalies-1/test/labels/Fallen\_trees-4-\_jpg.rf.37e8b475724ea27aedbe36e6064b629c.txt (deflated 16%)  
updating: road\_anomalies-1/test/labels/yt-k33z6JeCvdc-0302\_jpg.rf.cd9b9478a72d7bb585d4bd0b02fb85d7.txt (deflated 59%)  
updating: road\_anomalies-1/test/labels/yt-k33z6JeCvdc-0222\_jpg.rf.de87ff6bb0e44095a93ffd95840b73d5.txt (deflated 55%)  
updating: road\_anomalies-1/test/labels/potholes33\_png.rf.c252567d7b8874c6406d4d8ce8b9aa3b.txt (deflated 33%)  
updating: road\_anomalies-1/test/labels/117\_jpeg.rf.91e05acea83aff0961bd5778b6f36e77.txt (deflated 52%)  
updating: road\_anomalies-1/test/labels/potholes504\_png.rf.dd4b0824a002b3ff7f86db13261d7feb.txt (deflated 21%)  
updating: road\_anomalies-1/test/labels/yt-Sdn5VdJqRac-0135\_jpg.rf.0f9d5bab85f39e5e8384a9a8ca6201e6.txt (deflated 46%)  
updating: road\_anomalies-1/test/labels/yt-Sdn5VdJqRac-0272\_jpg.rf.4283c7673d9aae1ab270edbe32b633d0.txt (deflated 58%)  
updating: road\_anomalies-1/test/labels/potholes436\_png.rf.0fa4c9941346812b97652181da9c9bd5.txt (deflated 22%)  
updating: road\_anomalies-1/test/labels/97\_png.rf.895699600468ee837a8e9b3d40e2db84.txt (deflated 17%)  
updating: road\_anomalies-1/test/labels/potholes573\_png.rf.c29efd91589bbc61371ec2f68fd1495e.txt (deflated 33%)  
updating: road\_anomalies-1/test/labels/20\_jpeg.rf.83001dc04c34528c726de639bf9ae040.txt (deflated 46%)  
updating: road\_anomalies-1/test/labels/yt-k33z6JeCvdc-0218\_jpg.rf.daeb0babf07f795630d31d30d8cd997b.txt (deflated 59%)  
updating: road\_anomalies-1/test/labels/potholes485\_png.rf.f14d93d73e846d7873923efdbb07a3e0.txt (deflated 29%)  
updating: road\_anomalies-1/test/labels/potholes125\_png.rf.7acb8a89eda1023b8ee7e0396f529e87.txt (deflated 34%)



updating: road\_anomalies-1/test/labels/potholes162\_png.rf.8ddc2e9aedc694827693d954fca06e41.txt (deflated 67%)  
updating: road\_anomalies-1/test/labels/potholes232\_png.rf.2713c5437d88ba41fe519660292d005d.txt (deflated 18%)  
updating: road\_anomalies-1/test/labels/China\_MotorBike\_000014\_jpg.rf.da586479ed687ce63cda2535820ef8a0.txt (deflated 52%)  
updating: road\_anomalies-1/test/labels/potholes285\_png.rf.2a709d6a0bc846a4efbe845bc5c3a121.txt (deflated 26%)  
updating: road\_anomalies-1/test/labels/45\_jpeg.rf.610cdac5f863f9664e25610f4f9b8318.txt (deflated 16%)  
updating: road\_anomalies-1/test/labels/potholes636\_png.rf.25ab1c6a1b8b46beeaaf000c03d51296.txt (deflated 57%)  
updating: road\_anomalies-1/test/labels/potholes291\_png.rf.2a05a170d129557d52b4558eb1132efe.txt (deflated 14%)  
updating: road\_anomalies-1/test/labels/5\_jpeg.rf.ff622b1a4f8c9475826a8710ee7868d4.txt (deflated 19%)  
updating: road\_anomalies-1/test/labels/yt-Sdn5VdJqRac-0249\_jpg.rf.4d92ff37b5f3a50e47912066cc2a786e.txt (deflated 26%)  
updating: road\_anomalies-1/test/labels/potholes551\_png.rf.ded1e87bb7debf265079e89ae972828b.txt (deflated 24%)  
updating: road\_anomalies-1/test/labels/yt-Sdn5VdJqRac-0115\_jpg.rf.5ac2e6b120e857e3b970acd82480bc53.txt (deflated 14%)  
updating: road\_anomalies-1/test/labels/China\_MotorBike\_000010\_jpg.rf.a2aa5ae6eebf15a2df6df08ac8162154.txt (deflated 34%)  
updating: road\_anomalies-1/test/labels/yt-Sdn5VdJqRac-0146\_jpg.rf.2da8b5879a8f9ea4f3adc71bafa7259a.txt (deflated 48%)  
updating: road\_anomalies-1/test/labels/yt-Sdn5VdJqRac-0231\_jpg.rf.6117be1a1e8270154769da97031301e9.txt (deflated 51%)  
updating: road\_anomalies-1/test/labels/potholes101\_png.rf.633c589cc68303cd9757c319940e70d5.txt (deflated 34%)  
updating: road\_anomalies-1/test/labels/yt-Sdn5VdJqRac-0308\_jpg.rf.e8f6d3c466868d2d4b6aa23296a2c5f7.txt (deflated 44%)  
updating: road\_anomalies-1/test/labels/Fallen\_trees-30-\_jpg.rf.3453e59e0e50ad8dbcd3cfa252636ffd.txt (deflated 11%)  
updating: road\_anomalies-1/test/labels/potholes350\_png.rf.6599c208fe2455bb5c42fb45220c1145.txt (deflated 55%)  
updating: road\_anomalies-1/test/labels/China\_MotorBike\_000134\_jpg.rf.02f86f79fd1fd0cbe75dfd68ed14d417.txt (deflated 37%)  
updating: road\_anomalies-1/test/labels/potholes50\_png.rf.93ee85f7d9b5fcc3a5bd52d8ca71de12.txt (deflated 14%)  
updating: road\_anomalies-1/test/labels/potholes57\_png.rf.954840b61e0959266f9f45cd25739944.txt (deflated 24%)  
updating: road\_anomalies-1/test/labels/16-\_jpeg.rf.43abf6661c0f128b9957e8bfb6cb9df1.txt (deflated 16%)  
updating: road\_anomalies-1/test/labels/potholes203\_png.rf.44ab6d62e5dceff5876a6933dd0a9992.txt (deflated 44%)  
updating: road\_anomalies-1/test/labels/potholes442\_png.rf.0e2a6289f9d39d4edd9390675a0b748c.txt (deflated 20%)  
updating: road\_anomalies-1/test/labels/potholes466\_png.rf.54e8d99f72df0f1f6355c83f81223000.txt (deflated 14%)  
updating: road\_anomalies-1/test/labels/155\_jpeg.rf.df8e258d0c858cc240328ac83b79c9e4.txt (deflated 21%)  
updating: road\_anomalies-1/test/labels/potholes34\_png.rf.e347df914982b98dc57ca7cb0d2cf48c.txt (deflated 33%)

updating: road\_anomalies-1/test/labels/potholes612\_png.rf.864a6e7ce60046bc7f684ca82ebf4029.txt (deflated 21%)  
updating: road\_anomalies-1/test/labels/potholes330\_png.rf.3328ea89e9facc569facf322b05b1125.txt (deflated 56%)  
updating: road\_anomalies-1/test/labels/potholes539\_png.rf.5bd440978eb03db0257128289481b539.txt (deflated 13%)  
updating: road\_anomalies-1/test/labels/potholes46\_png.rf.cfcbb731fc0f6ce73bbbbf17c62cafa2.txt (deflated 36%)  
updating: road\_anomalies-1/test/labels/138\_jpeg.rf.3ddeb793f54f32ebb2bf479e56bea9a5.txt (deflated 63%)  
updating: road\_anomalies-1/test/labels/potholes481\_png.rf.fdf20334a777c654d697d0e26e69abdb.txt (deflated 34%)  
updating: road\_anomalies-1/test/labels/potholes433\_png.rf.1194cf6d2814eca851eaf1f1b9536583.txt (deflated 62%)  
updating: road\_anomalies-1/test/labels/potholes378\_png.rf.0314d8254154a09286edb19c4d1b9e8.txt (deflated 29%)  
updating: road\_anomalies-1/test/labels/photo\_2\_2024-11-04\_15-47-54\_jpg.rf.b3863e1cd6fcla2c16ecdd5ae84c7d41.txt (deflated 7%)  
updating: road\_anomalies-1/test/labels/yt-k33z6JeCvdc-0212\_jpg.rf.84f50c8c3d0f97df0cdfc17bbebd936b.txt (deflated 57%)  
updating: road\_anomalies-1/test/labels/127\_jpeg.rf.7b78f7a368eaf968968067b63b22f5da.txt (deflated 54%)  
updating: road\_anomalies-1/test/labels/potholes589\_png.rf.90e12e2adc4699397c56608ed24523ce.txt (deflated 14%)  
updating: road\_anomalies-1/test/labels/potholes535\_png.rf.b92ed1262533b249ef18a2328295f97b.txt (deflated 62%)  
updating: road\_anomalies-1/test/labels/141\_jpeg.rf.69eff07a2895005633f6bale759d1db9.txt (deflated 22%)  
updating: road\_anomalies-1/test/labels/162\_jpeg.rf.ce4d8d724cdd8251e4a20cd138f6cc1e.txt (deflated 66%)  
updating: road\_anomalies-1/test/labels/179\_jpeg.rf.f33140099bee4c6772edd1bcf5b6fce0.txt (deflated 47%)  
updating: road\_anomalies-1/test/labels/potholes43\_png.rf.82ca1a0e82c06968104e2be826daaf39.txt (deflated 35%)  
updating: road\_anomalies-1/test/labels/China\_MotorBike\_000067\_jpg.rf.e153507680d9289a6ca655e346f6ff73.txt (deflated 46%)  
updating: road\_anomalies-1/test/labels/potholes205\_png.rf.82d3db1999695bda600f4b86e8573f76.txt (deflated 58%)  
updating: road\_anomalies-1/test/labels/China\_MotorBike\_000172\_jpg.rf.1a758baafb5cd75ebf7f9baled42663.txt (deflated 32%)  
updating: road\_anomalies-1/test/labels/22\_jpeg.rf.f28ade26d7ae39899a81a9d8186a4cc2.txt (deflated 65%)  
updating: road\_anomalies-1/test/labels/China\_MotorBike\_000050\_jpg.rf.4ba283b0c68202662d1f0987c8b79b17.txt (deflated 23%)  
updating: road\_anomalies-1/test/labels/potholes449\_png.rf.e315adec06abd7b0c8d0d0d95c723818.txt (deflated 58%)  
updating: road\_anomalies-1/test/labels/146\_jpeg.rf.e9bf541ae6483b30c4290a49308b77be.txt (deflated 60%)  
updating: road\_anomalies-1/test/labels/potholes453\_png.rf.823a8cedefc1cfc5ab83691f079a14cc.txt (deflated 18%)  
updating: road\_anomalies-1/test/labels/Fallen\_trees-3-\_jpg.rf.ff8e339a17fd49d4e85280081d6b94b2.txt (deflated 14%)  
updating: road\_anomalies-1/test/labels/potholes320\_png.rf.de07e90f4af61a731a935bcfa16638a4.txt (deflated 42%)

updating: road\_anomalies-1/test/labels/potholes553\_png.rf.f1eeff7cc9c7a628e1af1e93adbf3949.txt (deflated 14%)  
updating: road\_anomalies-1/test/labels/potholes219\_png.rf.0f1ce2cdf331613f1798918cc62c637d.txt (deflated 37%)  
updating: road\_anomalies-1/test/labels/China\_MotorBike\_000056\_jpg.rf.3d6e0c1c176d369d5af61579b23139f5.txt (deflated 27%)  
updating: road\_anomalies-1/test/labels/potholes220\_png.rf.b4aa56d4f9dca82945b6a1c034b71a6b.txt (deflated 18%)  
updating: road\_anomalies-1/test/labels/China\_MotorBike\_000065\_jpg.rf.61e4264dc7bebedbc45487300bf15f01.txt (deflated 24%)  
updating: road\_anomalies-1/test/labels/potholes586\_png.rf.fe932ed7b4ce97cc13bd1180334304c3.txt (deflated 32%)  
updating: road\_anomalies-1/test/labels/potholes545\_png.rf.3c541979450a58f6b5890f16ddb61a99.txt (deflated 43%)  
updating: road\_anomalies-1/test/labels/10\_jpeg.rf.6aad0924ec3018114118ced81434f59f.txt (deflated 66%)  
updating: road\_anomalies-1/test/labels/11\_jpeg.rf.c8ac0e276ed21caf696766aaaf19d510.txt (deflated 14%)  
updating: road\_anomalies-1/test/labels/174\_jpeg.rf.0bee3c3b91a6bcb8c72e3214ba223b48.txt (deflated 38%)  
updating: road\_anomalies-1/test/labels/potholes103\_png.rf.f5ca23c6c1841627915744f9a49d52fd.txt (deflated 48%)  
updating: road\_anomalies-1/data.yaml (deflated 24%)  
updating: road\_anomalies-1/README.roboflow.txt (deflated 45%)  
updating: .github/ (stored 0%)  
updating: .github/dependabot.yml (deflated 51%)  
updating: .github/ISSUE\_TEMPLATE/ (stored 0%)  
updating: .github/ISSUE\_TEMPLATE/feature-request.yml (deflated 62%)  
updating: .github/ISSUE\_TEMPLATE/config.yml (deflated 50%)  
updating: .github/ISSUE\_TEMPLATE/question.yml (deflated 55%)  
updating: .github/ISSUE\_TEMPLATE/bug-report.yml (deflated 61%)  
updating: .github/workflows/ (stored 0%)  
updating: .github/workflows/links.yml (deflated 65%)  
updating: .github/workflows/ci-testing.yml (deflated 71%)  
updating: .github/workflows/docker.yml (deflated 66%)  
updating: .github/workflows/stale.yml (deflated 58%)  
updating: .github/workflows/cla.yml (deflated 55%)  
updating: .github/workflows/merge-main-into-prs.yml (deflated 65%)  
updating: .github/workflows/format.yml (deflated 62%)  
updating: hubconf.py (deflated 82%)  
updating: .git/ (stored 0%)  
updating: .git/index (deflated 55%)  
updating: .git/refs/ (stored 0%)  
updating: .git/refs/tags/ (stored 0%)  
updating: .git/refs/remotes/ (stored 0%)  
updating: .git/refs/remotes/origin/ (stored 0%)  
updating: .git/refs/remotes/origin/HEAD (stored 0%)  
updating: .git/refs/heads/ (stored 0%)  
updating: .git/refs/heads/master (deflated 5%)  
updating: .git/hooks/ (stored 0%)  
updating: .git/hooks/fsmonitor-watchman.sample (deflated 62%)  
updating: .git/hooks/commit-msg.sample (deflated 44%)  
updating: .git/hooks/push-to-checkout.sample (deflated 55%)  
updating: .git/hooks/pre-push.sample (deflated 49%)

updating: .git/hooks/post-update.sample (deflated 27%)  
updating: .git/hooks/update.sample (deflated 68%)  
updating: .git/hooks/applypatch-msg.sample (deflated 42%)  
updating: .git/hooks/pre-commit.sample (deflated 45%)  
updating: .git/hooks/pre-receive.sample (deflated 40%)  
updating: .git/hooks/pre-applypatch.sample (deflated 38%)  
updating: .git/hooks/prepare-commit-msg.sample (deflated 50%)  
updating: .git/hooks/pre-merge-commit.sample (deflated 39%)  
updating: .git/hooks/pre-rebase.sample (deflated 59%)  
updating: .git/config (deflated 33%)  
updating: .git/description (deflated 14%)  
updating: .git/HEAD (stored 0%)  
updating: .git/logs/ (stored 0%)  
updating: .git/logs/refs/ (stored 0%)  
updating: .git/logs/refs/remotes/ (stored 0%)  
updating: .git/logs/refs/remotes/origin/ (stored 0%)  
updating: .git/logs/refs/remotes/origin/HEAD (deflated 29%)  
updating: .git/logs/refs/heads/ (stored 0%)  
updating: .git/logs/refs/heads/master (deflated 29%)  
updating: .git/logs/HEAD (deflated 29%)  
updating: .git/branches/ (stored 0%)  
updating: .git/objects/ (stored 0%)  
updating: .git/objects/pack/ (stored 0%)  
updating: .git/objects/pack/pack-38f67e4edc3defc10a6ab1b73e1a0ab56496a915.pack  
(deflated 2%)  
updating: .git/objects/pack/pack-38f67e4edc3defc10a6ab1b73e1a0ab56496a915.idx  
(deflated 2%)  
updating: .git/objects/info/ (stored 0%)  
updating: .git/packed-refs (deflated 48%)  
updating: .git/FETCH\_HEAD (deflated 63%)  
updating: .git/info/ (stored 0%)  
updating: .git/info/exclude (deflated 28%)  
updating: segment/ (stored 0%)  
updating: segment/tutorial.ipynb (deflated 73%)  
updating: segment/val.py (deflated 67%)  
updating: segment/train.py (deflated 69%)  
updating: segment/predict.py (deflated 70%)  
updating: .gitignore (deflated 55%)  
updating: CONTRIBUTING.md (deflated 58%)  
updating: tutorial.ipynb (deflated 72%)  
updating: runs/ (stored 0%)  
updating: runs/train/ (stored 0%)  
updating: runs/train/road\_anomaly\_yolov5s/ (stored 0%)  
updating: runs/train/road\_anomaly\_yolov5s/val\_batch0\_pred.jpg (deflated 6%)  
updating: runs/train/road\_anomaly\_yolov5s/labels.jpg (deflated 19%)  
updating: runs/train/road\_anomaly\_yolov5s/val\_batch1\_labels.jpg (deflated 5%)  
updating: runs/train/road\_anomaly\_yolov5s/confusion\_matrix.png (deflated 33%)  
updating: runs/train/road\_anomaly\_yolov5s/train\_batch0.jpg (deflated 1%)  
updating: runs/train/road\_anomaly\_yolov5s/P\_curve.png (deflated 10%)  
updating: runs/train/road\_anomaly\_yolov5s/F1\_curve.png (deflated 12%)  
updating: runs/train/road\_anomaly\_yolov5s/weights/ (stored 0%)  
updating: runs/train/road\_anomaly\_yolov5s/weights/best\_saved\_model/ (stored 0%)  
updating: runs/train/road\_anomaly\_yolov5s/weights/best\_saved\_model/saved\_mode  
l.pb (deflated 8%)

updating: runs/train/road\_anomaly\_yolov5s/weights/best\_saved\_model/assets/ (stored 0%)  
updating: runs/train/road\_anomaly\_yolov5s/weights/best\_saved\_model/variables/ (stored 0%)  
updating: runs/train/road\_anomaly\_yolov5s/weights/best\_saved\_model/variables/variables.data-00000-of-00001 (deflated 6%)  
updating: runs/train/road\_anomaly\_yolov5s/weights/best\_saved\_model/variables/variables.index (deflated 33%)  
updating: runs/train/road\_anomaly\_yolov5s/weights/best\_saved\_model/fingerprints.pb (stored 0%)  
updating: runs/train/road\_anomaly\_yolov5s/weights/best.pt (deflated 9%)  
updating: runs/train/road\_anomaly\_yolov5s/weights/best-fp16.tflite (deflated 7%)  
updating: runs/train/road\_anomaly\_yolov5s/weights/best.onnx (deflated 15%)  
updating: runs/train/road\_anomaly\_yolov5s/weights/best.onnx.data (deflated 14%)  
updating: runs/train/road\_anomaly\_yolov5s/weights/last.pt (deflated 9%)  
updating: runs/train/road\_anomaly\_yolov5s/opt.yaml (deflated 51%)  
updating: runs/train/road\_anomaly\_yolov5s/R\_curve.png (deflated 12%)  
updating: runs/train/road\_anomaly\_yolov5s/results.png (deflated 9%)  
updating: runs/train/road\_anomaly\_yolov5s/val\_batch0\_labels.jpg (deflated 6%)  
updating: runs/train/road\_anomaly\_yolov5s/train\_batch1.jpg (deflated 1%)  
updating: runs/train/road\_anomaly\_yolov5s/train\_batch2.jpg (deflated 1%)  
updating: runs/train/road\_anomaly\_yolov5s/labels\_correlogram.jpg (deflated 35%)  
updating: runs/train/road\_anomaly\_yolov5s/val\_batch2\_pred.jpg (deflated 5%)  
updating: runs/train/road\_anomaly\_yolov5s/PR\_curve.png (deflated 13%)  
updating: runs/train/road\_anomaly\_yolov5s/results.csv (deflated 83%)  
updating: runs/train/road\_anomaly\_yolov5s/val\_batch1\_pred.jpg (deflated 5%)  
updating: runs/train/road\_anomaly\_yolov5s/val\_batch2\_labels.jpg (deflated 5%)  
updating: runs/train/road\_anomaly\_yolov5s/hyp.yaml (deflated 45%)  
updating: runs/train/road\_anomaly\_yolov5s/events.out.tfevents.1768631798.3744cfa58845.3080.0 (deflated 34%)  
updating: runs/val/ (stored 0%)  
updating: runs/val/exp2/ (stored 0%)  
updating: runs/val/exp2/val\_batch0\_pred.jpg (deflated 9%)  
updating: runs/val/exp2/val\_batch1\_labels.jpg (deflated 8%)  
updating: runs/val/exp2/confusion\_matrix.png (deflated 33%)  
updating: runs/val/exp2/P\_curve.png (deflated 13%)  
updating: runs/val/exp2/F1\_curve.png (deflated 12%)  
updating: runs/val/exp2/R\_curve.png (deflated 13%)  
updating: runs/val/exp2/val\_batch0\_labels.jpg (deflated 9%)  
updating: runs/val/exp2/val\_batch2\_pred.jpg (deflated 7%)  
updating: runs/val/exp2/PR\_curve.png (deflated 13%)  
updating: runs/val/exp2/val\_batch1\_pred.jpg (deflated 8%)  
updating: runs/val/exp2/val\_batch2\_labels.jpg (deflated 7%)  
updating: runs/val/exp/ (stored 0%)  
updating: runs/detect/ (stored 0%)  
updating: runs/detect/exp/ (stored 0%)  
updating: runs/detect/exp/potholes466\_png.rf.54e8d99f72df0f1f6355c83f81223000.jpg (deflated 5%)  
updating: runs/detect/exp/potholes537\_png.rf.7ce19910d7d8e7dceb5f3b63dde00094.jpg (deflated 5%)  
updating: runs/detect/exp/potholes219\_png.rf.0f1ce2cdf331613f1798918cc62c637d.jpg (deflated 4%)  
updating: runs/detect/exp/China\_MotorBike\_000135\_jpg.rf.7b5f37aeda6ba1954432669

dc62b90d5.jpg (deflated 6%)  
updating: runs/detect/exp/97\_png.rf.895699600468ee837a8e9b3d40e2db84.jpg (deflated 4%)  
updating: runs/detect/exp/127\_jpeg.rf.7b78f7a368eaf968968067b63b22f5da.jpg (deflated 6%)  
updating: runs/detect/exp/162\_jpeg.rf.ce4d8d724cdd8251e4a20cd138f6cc1e.jpg (deflated 3%)  
updating: runs/detect/exp/potholes320\_png.rf.de07e90f4af61a731a935bcfa16638a4.jpg (deflated 5%)  
updating: runs/detect/exp/potholes471\_png.rf.821f7b10d8188e0f0b79cee3d04d2a34.jpg (deflated 5%)  
updating: runs/detect/exp/potholes291\_png.rf.2a05a170d129557d52b4558eb1132efe.jpg (deflated 7%)  
updating: runs/detect/exp/China\_MotorBike\_000010\_jpg.rf.a2aa5ae6eebf15a2df6df08ac8162154.jpg (deflated 8%)  
updating: runs/detect/exp/yt-Sdn5VdJqRac-0115\_jpg.rf.5ac2e6b120e857e3b970acd82480bc53.jpg (deflated 6%)  
updating: runs/detect/exp/potholes34\_png.rf.e347df914982b98dc57ca7cb0d2cf48c.jpg (deflated 5%)  
updating: runs/detect/exp/yt-Sdn5VdJqRac-0135\_jpg.rf.0f9d5bab85f39e5e8384a9a8ca6201e6.jpg (deflated 6%)  
updating: runs/detect/exp/photo\_2\_2024-11-04\_15-47-54\_jpg.rf.b3863e1cd6fcla2c16ecdd5ae84c7d41.jpg (deflated 4%)  
updating: runs/detect/exp/45\_jpeg.rf.610cdac5f863f9664e25610f4f9b8318.jpg (deflated 4%)  
updating: runs/detect/exp/potholes573\_png.rf.c29efd91589bbc61371ec2f68fd1495e.jpg (deflated 5%)  
updating: runs/detect/exp/China\_MotorBike\_000015\_jpg.rf.e6b23aa4eb69b5e7fd342079127801f5.jpg (deflated 7%)  
updating: runs/detect/exp/yt-k33z6JeCvdc-0212\_jpg.rf.84f50c8c3d0f97df0cdfc17bbebd936b.jpg (deflated 5%)  
updating: runs/detect/exp/7\_jpeg.rf.a427a2252ce2adfddb6632ade106033c.jpg (deflated 6%)  
updating: runs/detect/exp/China\_MotorBike\_000138\_jpg.rf.7537fe9f97ec4219386834394bfa6d4e.jpg (deflated 6%)  
updating: runs/detect/exp/potholes46\_png.rf.cfcbb731fc0f6ce73bbbf17c62cafa2.jpg (deflated 5%)  
updating: runs/detect/exp/potholes433\_png.rf.1194cf6d2814eca851ea1fc1b9536583.jpg (deflated 5%)  
updating: runs/detect/exp/yt-Sdn5VdJqRac-0249\_jpg.rf.4d92ff37b5f3a50e47912066cc2a786e.jpg (deflated 4%)  
updating: runs/detect/exp/potholes350\_png.rf.6599c208fe2455bb5c42fb45220c1145.jpg (deflated 5%)  
updating: runs/detect/exp/179\_jpeg.rf.f33140099bee4c6772edd1bcf5b6f0.jpg (deflated 4%)  
updating: runs/detect/exp/China\_MotorBike\_000050\_jpg.rf.4ba283b0c68202662d1f0987c8b79b17.jpg (deflated 6%)  
updating: runs/detect/exp/potholes520\_png.rf.e65e264f3361d2d68f4cc95a68ca2e3e.jpg (deflated 3%)  
updating: runs/detect/exp/potholes228\_png.rf.1f54c504e532edb180e1f7ca99979394.jpg (deflated 5%)  
updating: runs/detect/exp/potholes442\_png.rf.0e2a6289f9d39d4edd9390675a0b748c.jpg (deflated 6%)  
updating: runs/detect/exp/potholes523\_png.rf.1d730a940d8659bcebd9085a37724acf.jpg

pg (deflated 6%)  
updating: runs/detect/exp/potholes545\_png.rf.3c541979450a58f6b5890f16ddb61a99.j  
pg (deflated 5%)  
updating: runs/detect/exp/Fallen\_trees-30-\_jpg.rf.3453e59e0e50ad8dbcd3cfa252636  
ffd.jpg (deflated 6%)  
updating: runs/detect/exp/potholes57\_png.rf.954840b61e0959266f9f45cd25739944.jp  
g (deflated 5%)  
updating: runs/detect/exp/yt-Sdn5VdJqRac-0272\_jpg.rf.4283c7673d9aae1ab270edbe32  
b633d0.jpg (deflated 4%)  
updating: runs/detect/exp/potholes203\_png.rf.44ab6d62e5dceff5876a6933dd0a9992.j  
pg (deflated 4%)  
updating: runs/detect/exp/potholes481\_png.rf.fdf20334a777c654d697d0e26e69abdb.j  
pg (deflated 4%)  
updating: runs/detect/exp/potholes485\_png.rf.f14d93d73e846d7873923efdbb07a3e0.j  
pg (deflated 6%)  
updating: runs/detect/exp/yt-k33z6JeCvdc-0302\_jpg.rf.cd9b9478a72d7bb585d4bd0b02  
fb85d7.jpg (deflated 4%)  
updating: runs/detect/exp/potholes199\_png.rf.3389e02c6de0bcca89d077c7a0c4de02.j  
pg (deflated 5%)  
updating: runs/detect/exp/potholes539\_png.rf.5bd440978eb03db0257128289481b539.j  
pg (deflated 5%)  
updating: runs/detect/exp/potholes612\_png.rf.864a6e7ce60046bc7f684ca82ebf4029.j  
pg (deflated 4%)  
updating: runs/detect/exp/45\_jpeg.rf.0f021103e76aaa604f16c4bf0a05e3bd.jpg (defl  
ated 6%)  
updating: runs/detect/exp/yt-Sdn5VdJqRac-0308\_jpg.rf.e8f6d3c466868d2d4b6aa23296  
a2c5f7.jpg (deflated 5%)  
updating: runs/detect/exp/117\_jpeg.rf.91e05acea83aff0961bd5778b6f36e77.jpg (def  
lated 4%)  
updating: runs/detect/exp/China\_MotorBike\_000172\_jpg.rf.1a758baafab5cd75ebf7f9b  
aled42663.jpg (deflated 6%)  
updating: runs/detect/exp/China\_MotorBike\_000134\_jpg.rf.02f86f79fd1fd0cbe75dfd6  
8ed14d417.jpg (deflated 7%)  
updating: runs/detect/exp/China\_MotorBike\_000014\_jpg.rf.da586479ed687ce63cda253  
5820ef8a0.jpg (deflated 6%)  
updating: runs/detect/exp/10\_jpeg.rf.6aad0924ec3018114118ced81434f59f.jpg (defl  
ated 4%)  
updating: runs/detect/exp/138\_jpeg.rf.3ddeb793f54f32ebb2bf479e56bea9a5.jpg (def  
lated 4%)  
updating: runs/detect/exp/potholes125\_png.rf.7acb8a89eda1023b8ee7e0396f529e87.j  
pg (deflated 6%)  
updating: runs/detect/exp/China\_MotorBike\_000059\_jpg.rf.6123b15d40a8697b13b3173  
98daaf754.jpg (deflated 5%)  
updating: runs/detect/exp/yt-Sdn5VdJqRac-0231\_jpg.rf.6117be1a1e8270154769da9703  
1301e9.jpg (deflated 4%)  
updating: runs/detect/exp/11\_jpeg.rf.c8ac0e276ed21caf696766aaaf19d510.jpg (defl  
ated 6%)  
updating: runs/detect/exp/146\_jpeg.rf.e9bf541ae6483b30c4290a49308b77be.jpg (def  
lated 5%)  
updating: runs/detect/exp/potholes551\_png.rf.ded1e87bb7debf265079e89ae972828b.j  
pg (deflated 6%)  
updating: runs/detect/exp/potholes322\_png.rf.7d1b6f693babe1ff8242e2aaa371f9ac.j  
pg (deflated 5%)  
updating: runs/detect/exp/yt-k33z6JeCvdc-0222\_jpg.rf.de87ff6bb0e44095a93ffd9584

0b73d5.jpg (deflated 4%)  
updating: runs/detect/exp/potholes232\_png.rf.2713c5437d88ba41fe519660292d005d.jpg (deflated 5%)  
updating: runs/detect/exp/potholes21\_png.rf.418ce8104709c64d7d118d4fd2c56930.jpg (deflated 5%)  
updating: runs/detect/exp/potholes104\_png.rf.63cc432e565eea2b2d66464f412ce8dd.jpg (deflated 5%)  
updating: runs/detect/exp/potholes285\_png.rf.2a709d6a0bc846a4efbe845bc5c3a121.jpg (deflated 5%)  
updating: runs/detect/exp/potholes205\_png.rf.82d3db1999695bda600f4b86e8573f76.jpg (deflated 4%)  
updating: runs/detect/exp/155\_jpeg.rf.df8e258d0c858cc240328ac83b79c9e4.jpg (deflated 4%)  
updating: runs/detect/exp/China\_MotorBike\_000029.jpg.rf.9ee4f2f98ebffd9d0b9951b4482a00d9.jpg (deflated 8%)  
updating: runs/detect/exp/potholes103\_png.rf.f5ca23c6c1841627915744f9a49d52fd.jpg (deflated 4%)  
updating: runs/detect/exp/potholes129\_png.rf.28bd6fdd7f14e3ad3b328f157cdb7c38.jpg (deflated 5%)  
updating: runs/detect/exp/yt-Sdn5VdJqRac-0146\_jpg.rf.2da8b5879a8f9ea4f3adc71bafa7259a.jpg (deflated 6%)  
updating: runs/detect/exp/potholes378\_png.rf.0314d8254154a09286edbb19c4d1b9e8.jpg (deflated 4%)  
updating: runs/detect/exp/potholes589\_png.rf.90e12e2adc4699397c56608ed24523ce.jpg (deflated 5%)  
updating: runs/detect/exp/potholes436\_png.rf.0fa4c9941346812b97652181da9c9bd5.jpg (deflated 5%)  
updating: runs/detect/exp/20\_jpeg.rf.83001dc04c34528c726de639bf9ae040.jpg (deflated 3%)  
updating: runs/detect/exp/174\_jpeg.rf.0bee3c3b91a6bcb8c72e3214ba223b48.jpg (deflated 5%)  
updating: runs/detect/exp/potholes43\_png.rf.82ca1a0e82c06968104e2be826daaf39.jpg (deflated 5%)  
updating: runs/detect/exp/Fallen\_trees-4-\_jpg.rf.37e8b475724ea27aedbe36e6064b629c.jpg (deflated 4%)  
updating: runs/detect/exp/182\_jpeg.rf.d8768315b2126539c02efa578131ce94.jpg (deflated 4%)  
updating: runs/detect/exp/Fallen\_trees-3-\_jpg.rf.ff8e339a17fd49d4e85280081d6b94b2.jpg (deflated 7%)  
updating: runs/detect/exp/potholes220\_png.rf.b4aa56d4f9dca82945b6a1c034b71a6b.jpg (deflated 5%)  
updating: runs/detect/exp/5\_jpeg.rf.ff622b1a4f8c9475826a8710ee7868d4.jpg (deflated 3%)  
updating: runs/detect/exp/China\_MotorBike\_000065\_jpg.rf.61e4264dc7bebedbc45487300bf15f01.jpg (deflated 8%)  
updating: runs/detect/exp/potholes535\_png.rf.b92ed1262533b249ef18a2328295f97b.jpg (deflated 4%)  
updating: runs/detect/exp/potholes586\_png.rf.fe932ed7b4ce97cc13bd1180334304c3.jpg (deflated 5%)  
updating: runs/detect/exp/potholes504\_png.rf.dd4b0824a002b3ff7f86db13261d7feb.jpg (deflated 5%)  
updating: runs/detect/exp/yt-Sdn5VdJqRac-0269\_jpg.rf.9e152505105461f355eea0c0f9217526.jpg (deflated 4%)  
updating: runs/detect/exp/China\_MotorBike\_000058\_jpg.rf.60ef31b56c5e988200d1911



f6ea83357.jpg (deflated 8%)  
updating: runs/detect/exp/potholes101\_png.rf.633c589cc68303cd9757c319940e70d5.jpg (deflated 4%)  
updating: runs/detect/exp/16-\_jpeg.rf.43abf6661c0f128b9957e8bfb6cb9df1.jpg (deflated 6%)  
updating: runs/detect/exp/China\_MotorBike\_000067\_jpg.rf.e153507680d9289a6ca655e346f6ff73.jpg (deflated 5%)  
updating: runs/detect/exp/yt-k33z6JeCvdc-0218\_jpg.rf.daeb0babf07f795630d31d30d8cd997b.jpg (deflated 4%)  
updating: runs/detect/exp/potholes453\_png.rf.823a8cedefc1cfc5ab83691f079a14cc.jpg (deflated 6%)  
updating: runs/detect/exp/potholes33\_png.rf.c252567d7b8874c6406d4d8ce8b9aa3b.jpg (deflated 5%)  
updating: runs/detect/exp/potholes162\_png.rf.8ddc2e9aedc694827693d954fca06e41.jpg (deflated 4%)  
updating: runs/detect/exp/potholes636\_png.rf.25ab1c6a1b8b46beeaaf000c03d51296.jpg (deflated 4%)  
updating: runs/detect/exp/potholes50\_png.rf.93ee85f7d9b5fcc3a5bd52d8ca71de12.jpg (deflated 5%)  
updating: runs/detect/exp/China\_MotorBike\_000056\_jpg.rf.3d6e0c1c176d369d5af61579b23139f5.jpg (deflated 7%)  
updating: runs/detect/exp/141\_jpeg.rf.69eff07a2895005633f6ba1e759d1db9.jpg (deflated 7%)  
updating: runs/detect/exp/potholes449\_png.rf.e315adec06abd7b0c8d0d0d95c723818.jpg (deflated 5%)  
updating: runs/detect/exp/22\_jpeg.rf.f28ade26d7ae39899a81a9d8186a4cc2.jpg (deflated 3%)  
updating: runs/detect/exp/potholes553\_png.rf.f1eeff7cc9c7a628e1af1e93adbf3949.jpg (deflated 5%)  
updating: runs/detect/exp/potholes330\_png.rf.3328ea89e9facc569facf322b05b1125.jpg (deflated 4%)  
updating: val.py (deflated 70%)  
updating: model\_testing\_results/ (stored 0%)  
updating: train.py (deflated 71%)  
updating: export.py (deflated 73%)  
updating: detect.py (deflated 71%)  
updating: data/ (stored 0%)  
updating: data/VisDrone.yaml (deflated 59%)  
updating: data/SKU-110K.yaml (deflated 53%)  
updating: data/hyps/ (stored 0%)  
updating: data/hyps/hyp.0bjects365.yaml (deflated 42%)  
updating: data/hyps/hyp.scratch-high.yaml (deflated 54%)  
updating: data/hyps/hyp.no-augmentation.yaml (deflated 54%)  
updating: data/hyps/hyp.scratch-low.yaml (deflated 54%)  
updating: data/hyps/hyp.scratch-med.yaml (deflated 54%)  
updating: data/hyps/hyp.VOC.yaml (deflated 49%)  
updating: data/0bjects365.yaml (deflated 53%)  
updating: data/images/ (stored 0%)  
updating: data/images/zidane.jpg (deflated 0%)  
updating: data/images/bus.jpg (deflated 1%)  
updating: data/GlobalWheat2020.yaml (deflated 55%)  
updating: data/xView.yaml (deflated 57%)  
updating: data/coco.yaml (deflated 50%)  
updating: data/ImageNet1000.yaml (deflated 54%)

updating: data/scripts/ (stored 0%)  
updating: data/scripts/get\_imagenet10.sh (deflated 43%)  
updating: data/scripts/get\_imagenet1000.sh (deflated 43%)  
updating: data/scripts/get\_imagenet100.sh (deflated 43%)  
updating: data/scripts/get\_coco128.sh (deflated 38%)  
updating: data/scripts/get\_imagenet.sh (deflated 54%)  
updating: data/scripts/get\_coco.sh (deflated 60%)  
updating: data/scripts/download\_weights.sh (deflated 45%)  
updating: data/coco128.yaml (deflated 47%)  
updating: data/ImageNet100.yaml (deflated 49%)  
updating: data/ImageNet.yaml (deflated 54%)  
updating: data/Argoverse.yaml (deflated 55%)  
updating: data/ImageNet10.yaml (deflated 43%)  
updating: data/VOC.yaml (deflated 55%)  
updating: data/coco128-seg.yaml (deflated 47%)  
updating: LICENSE (deflated 66%)  
updating: .dockerignore (deflated 56%)  
updating: requirements.txt (deflated 54%)  
updating: models/ (stored 0%)  
updating: models/yolov5s.yaml (deflated 61%)  
updating: models/yolov5l.yaml (deflated 61%)  
updating: models/yolov5n.yaml (deflated 61%)  
updating: models/tf.py (deflated 74%)  
updating: models/segment/ (stored 0%)  
updating: models/segment/yolov5s-seg.yaml (deflated 60%)  
updating: models/segment/yolov5l-seg.yaml (deflated 61%)  
updating: models/segment/yolov5x-seg.yaml (deflated 61%)  
updating: models/segment/yolov5n-seg.yaml (deflated 61%)  
updating: models/segment/yolov5m-seg.yaml (deflated 60%)  
updating: models/\_\_init\_\_.py (deflated 14%)  
updating: models/experimental.py (deflated 60%)  
updating: models/yolo.py (deflated 67%)  
updating: models/yolov5m.yaml (deflated 61%)  
updating: models/common.py (deflated 72%)  
updating: models/hub/ (stored 0%)  
updating: models/hub/yolov5l6.yaml (deflated 65%)  
updating: models/hub/yolov5s6.yaml (deflated 65%)  
updating: models/hub/yolov3-tiny.yaml (deflated 60%)  
updating: models/hub/yolov5-bifpn.yaml (deflated 60%)  
updating: models/hub/yolov5s-ghost.yaml (deflated 62%)  
updating: models/hub/yolov3.yaml (deflated 64%)  
updating: models/hub/yolov3-spp.yaml (deflated 63%)  
updating: models/hub/yolov5s-LeakyReLU.yaml (deflated 59%)  
updating: models/hub/yolov5x6.yaml (deflated 65%)  
updating: models/hub/yolov5-fpn.yaml (deflated 57%)  
updating: models/hub/yolov5-p7.yaml (deflated 69%)  
updating: models/hub/yolov5-panet.yaml (deflated 61%)  
updating: models/hub/yolov5n6.yaml (deflated 65%)  
updating: models/hub/yolov5-p6.yaml (deflated 66%)  
updating: models/hub/yolov5m6.yaml (deflated 65%)  
updating: models/hub/anchors.yaml (deflated 66%)  
updating: models/hub/yolov5-p34.yaml (deflated 59%)  
updating: models/hub/yolov5s-transformer.yaml (deflated 60%)  
updating: models/hub/yolov5-p2.yaml (deflated 66%)

updating: models/yolov5x.yaml (deflated 61%)  
updating: models/\_\_pycache\_\_/ (stored 0%)  
updating: models/\_\_pycache\_\_/experimental.cpython-312.pyc (deflated 45%)  
updating: models/\_\_pycache\_\_/common.cpython-312.pyc (deflated 58%)  
updating: models/\_\_pycache\_\_/yolo.cpython-312.pyc (deflated 52%)  
updating: models/\_\_pycache\_\_/\_\_init\_\_.cpython-312.pyc (deflated 23%)  
updating: models/\_\_pycache\_\_/tf.cpython-312.pyc (deflated 60%)  
updating: benchmarks.py (deflated 73%)  
updating: yolov5s.pt (deflated 9%)  
updating: README.zh-CN.md (deflated 76%)  
updating: \_\_pycache\_\_/ (stored 0%)  
updating: \_\_pycache\_\_/val.cpython-312.pyc (deflated 54%)  
updating: \_\_pycache\_\_/export.cpython-312.pyc (deflated 59%)  
updating: classify/ (stored 0%)  
updating: classify/tutorial.ipynb (deflated 80%)  
updating: classify/val.py (deflated 65%)  
updating: classify/train.py (deflated 65%)  
updating: classify/predict.py (deflated 68%)  
updating: utils/ (stored 0%)  
updating: utils/loggers/ (stored 0%)  
updating: utils/loggers/wandb/ (stored 0%)  
updating: utils/loggers/wandb/\_\_init\_\_.py (deflated 14%)  
updating: utils/loggers/wandb/wandb\_utils.py (deflated 65%)  
updating: utils/loggers/wandb/\_\_pycache\_\_/ (stored 0%)  
updating: utils/loggers/wandb/\_\_pycache\_\_/wandb\_utils.cpython-312.pyc (deflated 49%)  
updating: utils/loggers/wandb/\_\_pycache\_\_/\_\_init\_\_.cpython-312.pyc (deflated 20%)  
updating: utils/loggers/clearml/ (stored 0%)  
updating: utils/loggers/clearml/README.md (deflated 62%)  
updating: utils/loggers/clearml/clearml\_utils.py (deflated 64%)  
updating: utils/loggers/clearml/hpo.py (deflated 70%)  
updating: utils/loggers/clearml/\_\_init\_\_.py (deflated 14%)  
updating: utils/loggers/clearml/\_\_pycache\_\_/ (stored 0%)  
updating: utils/loggers/clearml/\_\_pycache\_\_/\_\_init\_\_.cpython-312.pyc (deflated 20%)  
updating: utils/loggers/clearml/\_\_pycache\_\_/clearml\_utils.cpython-312.pyc (deflated 50%)  
updating: utils/loggers/\_\_init\_\_.py (deflated 73%)  
updating: utils/loggers/comet/ (stored 0%)  
updating: utils/loggers/comet/README.md (deflated 65%)  
updating: utils/loggers/comet/hpo.py (deflated 67%)  
updating: utils/loggers/comet/\_\_init\_\_.py (deflated 74%)  
updating: utils/loggers/comet/comet\_utils.py (deflated 68%)  
updating: utils/loggers/comet/optimizer\_config.json (deflated 82%)  
updating: utils/loggers/comet/\_\_pycache\_\_/ (stored 0%)  
updating: utils/loggers/comet/\_\_pycache\_\_/comet\_utils.cpython-312.pyc (deflated 48%)  
updating: utils/loggers/comet/\_\_pycache\_\_/\_\_init\_\_.cpython-312.pyc (deflated 54%)  
updating: utils/loggers/\_\_pycache\_\_/ (stored 0%)  
updating: utils/loggers/\_\_pycache\_\_/\_\_init\_\_.cpython-312.pyc (deflated 55%)  
updating: utils/activations.py (deflated 70%)  
updating: utils/metrics.py (deflated 65%)

```
updating: utils/general.py (deflated 66%)
updating: utils/torch_utils.py (deflated 64%)
updating: utils/segment/ (stored 0%)
updating: utils/segment/metrics.py (deflated 73%)
updating: utils/segment/general.py (deflated 71%)
updating: utils/segment/__init__.py (deflated 14%)
updating: utils/segment/loss.py (deflated 66%)
updating: utils/segment/plots.py (deflated 63%)
updating: utils/segment/augmentations.py (deflated 62%)
updating: utils/segment/dataloaders.py (deflated 70%)
updating: utils/__init__.py (deflated 57%)
updating: utils/docker/ (stored 0%)
updating: utils/docker/Dockerfile-arm64 (deflated 52%)
updating: utils/docker/Dockerfile (deflated 56%)
updating: utils/docker/Dockerfile-cpu (deflated 52%)
updating: utils/aws/ (stored 0%)
updating: utils/aws/userdata.sh (deflated 46%)
updating: utils/aws/__init__.py (deflated 14%)
updating: utils/aws/mime.sh (deflated 45%)
updating: utils/aws/resume.py (deflated 46%)
updating: utils/triton.py (deflated 67%)
updating: utils/downloads.py (deflated 62%)
updating: utils/loss.py (deflated 69%)
updating: utils/plots.py (deflated 64%)
updating: utils/google_app_engine/ (stored 0%)
updating: utils/google_app_engine/Dockerfile (deflated 47%)
updating: utils/google_app_engine/additional_requirements.txt (deflated 41%)
updating: utils/google_app_engine/app.yaml (deflated 22%)
updating: utils/augmentations.py (deflated 65%)
updating: utils/autoanchor.py (deflated 61%)
updating: utils/flask_rest_api/ (stored 0%)
updating: utils/flask_rest_api/README.md (deflated 53%)
updating: utils/flask_rest_api/example_request.py (deflated 29%)
updating: utils/flask_rest_api/restapi.py (deflated 49%)
updating: utils/dataloaders.py (deflated 70%)
updating: utils/callbacks.py (deflated 68%)
updating: utils/__pycache__/ (stored 0%)
updating: utils/__pycache__/loss.cpython-312.pyc (deflated 53%)
updating: utils/__pycache__/activations.cpython-312.pyc (deflated 59%)
updating: utils/__pycache__/autoanchor.cpython-312.pyc (deflated 47%)
updating: utils/__pycache__/metrics.cpython-312.pyc (deflated 50%)
updating: utils/__pycache__/general.cpython-312.pyc (deflated 52%)
updating: utils/__pycache__/torch_utils.cpython-312.pyc (deflated 50%)
updating: utils/__pycache__/downloads.cpython-312.pyc (deflated 45%)
updating: utils/__pycache__/augmentations.cpython-312.pyc (deflated 51%)
updating: utils/__pycache__/plots.cpython-312.pyc (deflated 50%)
updating: utils/__pycache__/autobatch.cpython-312.pyc (deflated 40%)
updating: utils/__pycache__/__init__.cpython-312.pyc (deflated 44%)
updating: utils/__pycache__/callbacks.cpython-312.pyc (deflated 49%)
updating: utils/__pycache__/dataloaders.cpython-312.pyc (deflated 53%)
updating: utils/autobatch.py (deflated 56%)
```

```
In [31]: from google.colab import files
        files.download("yolov5_project.zip")
```

