

# 4utacmtk5

March 31, 2024

Installation:

```
[20]: %tensorflow_version 1.x
```

TensorFlow 1.x selected.

```
[1]: !wget https://obj.umiacs.umd.edu/dnim/DNIM.tar.gz
```

```
--2020-09-02 20:33:31-- https://obj.umiacs.umd.edu/dnim/DNIM.tar.gz
Resolving obj.umiacs.umd.edu (obj.umiacs.umd.edu)... 128.8.122.11
Connecting to obj.umiacs.umd.edu (obj.umiacs.umd.edu)|128.8.122.11|:443...
connected.
```

```
HTTP request sent, awaiting response... 200 OK
Length: 117915136 (112M) [binary/octet-stream]
Saving to: 'DNIM.tar.gz'
```

```
DNIM.tar.gz          100%[=====>] 112.45M  51.7MB/s    in 2.2s
```

```
2020-09-02 20:33:34 (51.7 MB/s) - 'DNIM.tar.gz' saved [117915136/117915136]
```

```
[2]: !tar -xzf DNIM.tar.gz
```

```
[3]: import sys, os
import tqdm
images = []
for path in tqdm.tqdm(os.listdir('/content/DNIM/time_stamp')):
    with open('/content/DNIM/time_stamp/' + path, 'r') as reader:
        days, nights = [], []
        data = reader.readlines()
        for i in data:
            thing = i.split(' ')
            if int(thing[2]) < 4 or int(thing[2]) > 21:
                nights.append(thing[0])
            elif int(thing[2]) > 10 or int(thing[2]) < 15:
                days.append(thing[0])
            images.append([days, nights, str(path)])
```

```
100%|          | 17/17 [00:00<00:00, 2840.42it/s]
```

```
[4]: !git clone https://github.com/affinelayer/pix2pix-tensorflow.git
```

```
Cloning into 'pix2pix-tensorflow'...
remote: Enumerating objects: 261, done.
remote: Total 261 (delta 0), reused 0 (delta 0), pack-reused 261
Receiving objects: 100% (261/261), 13.33 MiB | 30.07 MiB/s, done.
Resolving deltas: 100% (103/103), done.
```

```
[5]: cd pix2pix-tensorflow
```

```
/content/pix2pix-tensorflow
```

```
[6]: !python tools/download-dataset.py facades
```

```
downloading https://people.eecs.berkeley.edu/~tinghuiz/projects/pix2pix/datasets
/facades.tar.gz
extracting
done
```

```
[7]: import random
import numpy as np
from PIL import Image
from skimage.transform import rescale, resize, downscale_local_mean
from tqdm import trange
import math
data = []

for i in range(len(images)):
    for num in trange(len(images[i][0])*2):
        day = (resize(np.array(Image.open("/content/DNIM/Image/" + images[i][2][:
↵-4] + '/' + random.choice(images[i][0]))), (256,256), anti_aliasing=True))
        night = (resize(np.array(Image.open("/content/DNIM/Image/" + images[i][2][:
↵-4] + '/' + random.choice(images[i][1]))), (256,256), anti_aliasing=True))
        if (np.sum(np.abs(day-night)))/(256*256*3) > 0.15: data.append(np.
↵concatenate((day,night),axis=1))
```

```
100%|      | 142/142 [00:11<00:00, 12.63it/s]
100%|      | 140/140 [00:16<00:00,  8.56it/s]
100%|      | 134/134 [00:16<00:00,  7.96it/s]
100%|      | 140/140 [00:11<00:00, 12.20it/s]
100%|      | 142/142 [00:16<00:00,  8.83it/s]
100%|      | 144/144 [00:40<00:00,  3.51it/s]
100%|      | 112/112 [00:09<00:00, 11.59it/s]
100%|      | 138/138 [00:29<00:00,  4.64it/s]
100%|      | 148/148 [00:14<00:00, 10.36it/s]
100%|      | 144/144 [00:12<00:00, 11.52it/s]
100%|      | 142/142 [00:11<00:00, 12.07it/s]
100%|      | 134/134 [00:14<00:00,  9.57it/s]
```

```

100%|      | 112/112 [00:09<00:00, 11.66it/s]
100%|      | 134/134 [00:09<00:00, 14.05it/s]
100%|      | 134/134 [00:17<00:00,  7.77it/s]
100%|      | 406/406 [01:38<00:00,  4.14it/s]
100%|      | 144/144 [00:20<00:00,  7.14it/s]

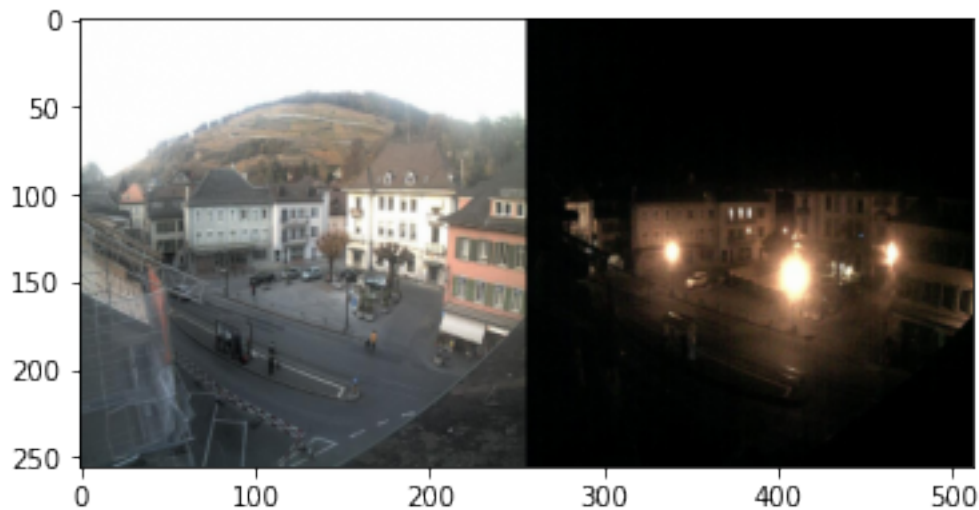
```

```

[8]: import matplotlib.pyplot as plt
plt.imshow(random.choice(data))
print(random.choice(data).shape)

```

```
(256, 512, 3)
```



```
[9]: !mkdir daynight
```

```
[10]: cd daynight
```

```
/content/pix2pix-tensorflow/daynight
```

```

[11]: !mkdir test
      !mkdir train
      !mkdir val

```

```

[12]: from skimage import img_as_ubyte
import cv2

random.shuffle(data)
for index, item in enumerate(tqdm.tqdm(data[:150])):
    cv2.imwrite("test/image%d.png"%index,img_as_ubyte(item))
for index, item in enumerate(tqdm.tqdm(data[150:300])):
    cv2.imwrite("val/image%d.png"%index,img_as_ubyte(item))

```

```
for index, item in enumerate(tqdm.tqdm(data[300:1610])):
    cv2.imwrite("train/image%d.png"%index,img_as_ubyte(item))
```

```
100%|      | 150/150 [00:01<00:00, 96.82it/s]
100%|      | 150/150 [00:01<00:00, 94.22it/s]
100%|      | 1310/1310 [00:13<00:00, 96.10it/s]
```

```
[13]: from PIL import ImageFile
ImageFile.LOAD_TRUNCATED_IMAGES = True
Image.open('/content/pix2pix-tensorflow/daynight/train/image%d.png'%random.
↳ randint(0,1300))
```

[13]:



```
[14]: cd ..
```

/content/pix2pix-tensorflow

Using the pretrained model:

Before running any code, please download the model folder from [this link](#).

# Please upload the folder to your drive as ('Pix2Pix/daynight\_train').

```
[15]: from google.colab import drive
drive.mount('/content/gdrive')
```

Go to this URL in a browser: [https://accounts.google.com/o/oauth2/auth?client\\_id=947318989803-6bn6qk8qdgf4n4g3pfee6491hc0brc4i.apps.googleusercontent.com&redirect\\_uri=urn%3Aietf%3Aawg%3Aoauth%3A2.0%3Aoob&scope=email%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fdocs.test%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fdrive%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fdrive.photos.readonly%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fpeopleapi.readonly&response\\_type=code](https://accounts.google.com/o/oauth2/auth?client_id=947318989803-6bn6qk8qdgf4n4g3pfee6491hc0brc4i.apps.googleusercontent.com&redirect_uri=urn%3Aietf%3Aawg%3Aoauth%3A2.0%3Aoob&scope=email%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fdocs.test%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fdrive%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fdrive.photos.readonly%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fpeopleapi.readonly&response_type=code)

Enter your authorization code:

.....

Mounted at /content/gdrive

```
[23]: !cp -r /content/gdrive/'My Drive'/Pix2Pix/daynight_train ../pix2pix-tensorflow/  
      ↪ daynight_train
```

```
[17]: !mkdir daynight_test
```

Alternatively, if you want to train it yourself: (Skip this step if you used the pretrained model)

```
[ ]: !python pix2pix.py \  
      --mode train \  
      --output_dir daynight_train \  
      --max_epochs 100 \  
      --input_dir daynight/train \  
      --which_direction BtoA
```

WARNING: Logging before flag parsing goes to stderr.

W0905 00:01:00.634011 139768995350400 deprecation\_wrapper.py:119] From  
pix2pix.py:540: The name tf.set\_random\_seed is deprecated. Please use  
tf.compat.v1.set\_random\_seed instead.

```
aspect_ratio = 1.0  
batch_size = 1  
beta1 = 0.5  
checkpoint = None  
display_freq = 0  
flip = True  
gan_weight = 1.0  
input_dir = daynight/train  
l1_weight = 100.0  
lab_colorization = False  
lr = 0.0002  
max_epochs = 100  
max_steps = None  
mode = train  
ndf = 64  
ngf = 64  
output_dir = daynight_train  
output_filetype = png  
progress_freq = 50  
save_freq = 5000  
scale_size = 286  
seed = 473555505  
separable_conv = False  
summary_freq = 100
```

```

trace_freq = 0
which_direction = BtoA
W0905 00:01:00.684130 139768995350400 deprecation.py:323] From pix2pix.py:258:
string_input_producer (from tensorflow.python.training.input) is deprecated and
will be removed in a future version.
Instructions for updating:
Queue-based input pipelines have been replaced by `tf.data`. Use `tf.data.Dataset
t.from_tensor_slices(string_tensor).shuffle(tf.shape(input_tensor),
out_type=tf.int64)[0]).repeat(num_epochs)`. If `shuffle=False`, omit the
`.shuffle(...)`.
```

```

W0905 00:01:00.698859 139768995350400 deprecation.py:323] From
/usr/local/lib/python3.6/dist-packages/tensorflow/python/training/input.py:278:
input_producer (from tensorflow.python.training.input) is deprecated and will be
removed in a future version.
Instructions for updating:
Queue-based input pipelines have been replaced by `tf.data`. Use
`tf.data.Dataset.from_tensor_slices(input_tensor).shuffle(tf.shape(input_tensor),
out_type=tf.int64)[0]).repeat(num_epochs)`. If `shuffle=False`, omit the
`.shuffle(...)`.
```

```

W0905 00:01:00.699695 139768995350400 deprecation.py:323] From
/usr/local/lib/python3.6/dist-packages/tensorflow/python/training/input.py:190:
limit_epochs (from tensorflow.python.training.input) is deprecated and will be
removed in a future version.
Instructions for updating:
Queue-based input pipelines have been replaced by `tf.data`. Use
`tf.data.Dataset.from_tensors(tensor).repeat(num_epochs)`.
W0905 00:01:00.701223 139768995350400 deprecation.py:323] From
/usr/local/lib/python3.6/dist-packages/tensorflow/python/training/input.py:199:
QueueRunner.__init__ (from tensorflow.python.training.queue_runner_impl) is
deprecated and will be removed in a future version.
Instructions for updating:
To construct input pipelines, use the `tf.data` module.
```

```

W0905 00:01:00.702344 139768995350400 deprecation.py:323] From
/usr/local/lib/python3.6/dist-packages/tensorflow/python/training/input.py:199:
add_queue_runner (from tensorflow.python.training.queue_runner_impl) is
deprecated and will be removed in a future version.
Instructions for updating:
To construct input pipelines, use the `tf.data` module.
```

```

W0905 00:01:00.706210 139768995350400 deprecation.py:323] From pix2pix.py:259:
WholeFileReader.__init__ (from tensorflow.python.ops.io_ops) is deprecated and
will be removed in a future version.
Instructions for updating:
Queue-based input pipelines have been replaced by `tf.data`. Use
`tf.data.Dataset.map(tf.read_file)`.
```

```

W0905 00:01:00.711065 139768995350400 deprecation_wrapper.py:119] From
pix2pix.py:264: The name tf.assert_equal is deprecated. Please use
tf.compat.v1.assert_equal instead.
```

W0905 00:01:00.772352 139768995350400 deprecation\_wrapper.py:119] From  
pix2pix.py:299: The name tf.image.resize\_images is deprecated. Please use  
tf.image.resize instead.

W0905 00:01:00.776463 139768995350400 deprecation\_wrapper.py:119] From  
pix2pix.py:301: The name tf.random\_uniform is deprecated. Please use  
tf.random.uniform instead.

W0905 00:01:00.869922 139768995350400 deprecation.py:323] From pix2pix.py:314:  
batch (from tensorflow.python.training.input) is deprecated and will be removed  
in a future version.

Instructions for updating:

Queue-based input pipelines have been replaced by `tf.data`. Use  
`tf.data.Dataset.batch(batch\_size)` (or `padded\_batch(...)` if  
`dynamic\_pad=True`).

examples count = 1310

W0905 00:01:00.879867 139768995350400 deprecation\_wrapper.py:119] From  
pix2pix.py:428: The name tf.variable\_scope is deprecated. Please use  
tf.compat.v1.variable\_scope instead.

W0905 00:01:00.880833 139768995350400 deprecation.py:323] From pix2pix.py:105:  
conv2d (from tensorflow.python.layers.convolutional) is deprecated and will be  
removed in a future version.

Instructions for updating:

Use `tf.keras.layers.Conv2D` instead.

W0905 00:01:01.129505 139768995350400 deprecation.py:323] From pix2pix.py:132:  
batch\_normalization (from tensorflow.python.layers.normalization) is deprecated  
and will be removed in a future version.

Instructions for updating:

Use keras.layers.BatchNormalization instead. In particular,  
`tf.control\_dependencies(tf.GraphKeys.UPDATE\_OPS)` should not be used (consult  
the `tf.keras.layers.batch\_normalization` documentation).

W0905 00:01:01.538219 139768995350400 deprecation.py:323] From pix2pix.py:116:  
conv2d\_transpose (from tensorflow.python.layers.convolutional) is deprecated and  
will be removed in a future version.

Instructions for updating:

Use `tf.keras.layers.Conv2DTranspose` instead.

W0905 00:01:02.192335 139768995350400 deprecation.py:506] From pix2pix.py:379:  
calling dropout (from tensorflow.python.ops.nn\_ops) with keep\_prob is deprecated  
and will be removed in a future version.

Instructions for updating:

Please use `rate` instead of `keep\_prob`. Rate should be set to `rate = 1 -  
keep\_prob`.

W0905 00:01:02.954560 139768995350400 deprecation\_wrapper.py:119] From  
pix2pix.py:448: The name tf.log is deprecated. Please use tf.math.log instead.

W0905 00:01:02.970882 139768995350400 deprecation\_wrapper.py:119] From  
pix2pix.py:459: The name tf.train.AdamOptimizer is deprecated. Please use

`tf.compat.v1.train.AdamOptimizer` instead.

W0905 00:01:05.125424 139768995350400 deprecation\_wrapper.py:119] From  
pix2pix.py:473: The name `tf.train.get_or_create_global_step` is deprecated.  
Please use `tf.compat.v1.train.get_or_create_global_step` instead.

W0905 00:01:05.278159 139768995350400 deprecation\_wrapper.py:119] From  
pix2pix.py:681: The name `tf.summary.image` is deprecated. Please use  
`tf.compat.v1.summary.image` instead.

W0905 00:01:05.288814 139768995350400 deprecation\_wrapper.py:119] From  
pix2pix.py:695: The name `tf.summary.scalar` is deprecated. Please use  
`tf.compat.v1.summary.scalar` instead.

W0905 00:01:05.292452 139768995350400 deprecation\_wrapper.py:119] From  
pix2pix.py:700: The name `tf.summary.histogram` is deprecated. Please use  
`tf.compat.v1.summary.histogram` instead.

W0905 00:01:05.629769 139768995350400 deprecation\_wrapper.py:119] From  
pix2pix.py:708: The name `tf.train.Saver` is deprecated. Please use  
`tf.compat.v1.train.Saver` instead.

W0905 00:01:05.984731 139768995350400 deprecation.py:323] From pix2pix.py:711:  
`Supervisor.__init__` (from `tensorflow.python.training.supervisor`) is deprecated  
and will be removed in a future version.

Instructions for updating:

Please switch to `tf.train.MonitoredTrainingSession`

W0905 00:01:06.212925 139768995350400 deprecation.py:323] From  
/usr/local/lib/python3.6/dist-packages/tensorflow/python/ops/array\_ops.py:1354:  
`add_dispatch_support.<locals>.wrapper` (from `tensorflow.python.ops.array_ops`) is  
deprecated and will be removed in a future version.

Instructions for updating:

Use `tf.where` in 2.0, which has the same broadcast rule as `np.where`

2019-09-05 00:01:06.522239: I  
tensorflow/stream\_executor/platform/default/dso\_loader.cc:42] Successfully  
opened dynamic library `libcuda.so.1`  
2019-09-05 00:01:06.582503: I  
tensorflow/stream\_executor/cuda/cuda\_gpu\_executor.cc:1005] successful NUMA node  
read from SysFS had negative value (-1), but there must be at least one NUMA  
node, so returning NUMA node zero

2019-09-05 00:01:06.583387: I  
tensorflow/core/common\_runtime/gpu/gpu\_device.cc:1640] Found device 0 with  
properties:

name: Tesla K80 major: 3 minor: 7 memoryClockRate(GHz): 0.8235

pciBusID: 0000:00:04.0

2019-09-05 00:01:06.603793: I  
tensorflow/stream\_executor/platform/default/dso\_loader.cc:42] Successfully  
opened dynamic library `libcudart.so.10.0`



```

2019-09-05 00:01:06.793449: I
tensorflow/stream_executor/platform/default/dso_loader.cc:42] Successfully
opened dynamic library libcublas.so.10.0
2019-09-05 00:01:06.870799: I
tensorflow/stream_executor/platform/default/dso_loader.cc:42] Successfully
opened dynamic library libcufft.so.10.0
2019-09-05 00:01:06.897321: I
tensorflow/stream_executor/platform/default/dso_loader.cc:42] Successfully
opened dynamic library libcurand.so.10.0
2019-09-05 00:01:07.106194: I
tensorflow/stream_executor/platform/default/dso_loader.cc:42] Successfully
opened dynamic library libcusolver.so.10.0
2019-09-05 00:01:07.212944: I
tensorflow/stream_executor/platform/default/dso_loader.cc:42] Successfully
opened dynamic library libcusparsesparse.so.10.0
2019-09-05 00:01:07.583527: I
tensorflow/stream_executor/platform/default/dso_loader.cc:42] Successfully
opened dynamic library libcudnn.so.7
2019-09-05 00:01:07.583815: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:1005] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2019-09-05 00:01:07.584732: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:1005] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2019-09-05 00:01:07.585461: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1763] Adding visible gpu
devices: 0
2019-09-05 00:01:07.599809: I
tensorflow/core/platform/profile_utils/cpu_utils.cc:94] CPU Frequency:
2299995000 Hz
2019-09-05 00:01:07.601691: I tensorflow/compiler/xla/service/service.cc:168]
XLA service 0x18b1640 executing computations on platform Host. Devices:
2019-09-05 00:01:07.601725: I tensorflow/compiler/xla/service/service.cc:175]
StreamExecutor device (0): <undefined>, <undefined>
2019-09-05 00:01:07.712588: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:1005] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2019-09-05 00:01:07.713403: I tensorflow/compiler/xla/service/service.cc:168]
XLA service 0x7128300 executing computations on platform CUDA. Devices:
2019-09-05 00:01:07.713432: I tensorflow/compiler/xla/service/service.cc:175]
StreamExecutor device (0): Tesla K80, Compute Capability 3.7
2019-09-05 00:01:07.714482: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:1005] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero

```

```

2019-09-05 00:01:07.715130: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1640] Found device 0 with
properties:
name: Tesla K80 major: 3 minor: 7 memoryClockRate(GHz): 0.8235
pciBusID: 0000:00:04.0
2019-09-05 00:01:07.715202: I
tensorflow/stream_executor/platform/default/dso_loader.cc:42] Successfully
opened dynamic library libcudart.so.10.0
2019-09-05 00:01:07.715228: I
tensorflow/stream_executor/platform/default/dso_loader.cc:42] Successfully
opened dynamic library libcublas.so.10.0
2019-09-05 00:01:07.715248: I
tensorflow/stream_executor/platform/default/dso_loader.cc:42] Successfully
opened dynamic library libcufft.so.10.0
2019-09-05 00:01:07.715299: I
tensorflow/stream_executor/platform/default/dso_loader.cc:42] Successfully
opened dynamic library libcurand.so.10.0
2019-09-05 00:01:07.715346: I
tensorflow/stream_executor/platform/default/dso_loader.cc:42] Successfully
opened dynamic library libcusolver.so.10.0
2019-09-05 00:01:07.715370: I
tensorflow/stream_executor/platform/default/dso_loader.cc:42] Successfully
opened dynamic library libcusparsesparse.so.10.0
2019-09-05 00:01:07.715392: I
tensorflow/stream_executor/platform/default/dso_loader.cc:42] Successfully
opened dynamic library libcudnn.so.7
2019-09-05 00:01:07.715474: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:1005] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2019-09-05 00:01:07.716179: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:1005] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2019-09-05 00:01:07.716825: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1763] Adding visible gpu
devices: 0
2019-09-05 00:01:07.721096: I
tensorflow/stream_executor/platform/default/dso_loader.cc:42] Successfully
opened dynamic library libcudart.so.10.0
2019-09-05 00:01:07.722818: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1181] Device interconnect
StreamExecutor with strength 1 edge matrix:
2019-09-05 00:01:07.722854: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1187]          0
2019-09-05 00:01:07.722868: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1200] 0:      N
2019-09-05 00:01:07.725066: I

```

```

tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:1005] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2019-09-05 00:01:07.725873: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:1005] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2019-09-05 00:01:07.726655: W
tensorflow/core/common_runtime/gpu/gpu_bfc_allocator.cc:40] Overriding
allow_growth setting because the TF_FORCE_GPU_ALLOW_GROWTH environment variable
is set. Original config value was 0.
2019-09-05 00:01:07.726707: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1326] Created TensorFlow device
(/job:localhost/replica:0/task:0/device:GPU:0 with 10805 MB memory) -> physical
GPU (device: 0, name: Tesla K80, pci bus id: 0000:00:04.0, compute capability:
3.7)
2019-09-05 00:01:12.405259: W
tensorflow/compiler/jit/mark_for_compilation_pass.cc:1412] (One-time warning):
Not using XLA:CPU for cluster because envvar
TF_XLA_FLAGS=--tf_xla_cpu_global_jit was not set. If you want XLA:CPU, either
set that envvar, or use experimental_jit_scope to enable XLA:CPU. To confirm
that XLA is active, pass --vmodule=xla_compilation_cache=1 (as a proper command-
line flag, not via TF_XLA_FLAGS) or set the envvar XLA_FLAGS=--xla_hlo_profile.
parameter_count = 57190084
2019-09-05 00:01:15.376583: I
tensorflow/stream_executor/platform/default/dso_loader.cc:42] Successfully
opened dynamic library libcudnn.so.7
progress epoch 1 step 50 image/sec 3.4 remaining 635m
discrim_loss 0.51521915
gen_loss_GAN 0.46251535
gen_loss_L1 0.15283482
recording summary
progress epoch 1 step 100 image/sec 3.6 remaining 608m
discrim_loss 0.7029482
gen_loss_GAN 0.87792915
gen_loss_L1 0.2305997
progress epoch 1 step 149 image/sec 4.1 remaining 532m
discrim_loss 0.8001749
gen_loss_GAN 1.1359023
gen_loss_L1 0.27908665
recording summary
progress epoch 1 step 200 image/sec 4.1 remaining 531m
discrim_loss 0.8723855
gen_loss_GAN 1.2319531
gen_loss_L1 0.3045844
progress epoch 1 step 249 image/sec 4.4 remaining 499m
discrim_loss 0.91850924
gen_loss_GAN 1.3395585

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gen_loss_L1 0.31650797
recording summary
progress epoch 1 step 300 image/sec 4.3 remaining 505m
discrim_loss 0.93978524
gen_loss_GAN 1.396513
gen_loss_L1 0.3197708
progress epoch 1 step 349 image/sec 4.5 remaining 486m
discrim_loss 0.8722314
gen_loss_GAN 1.5517206
gen_loss_L1 0.31623402
recording summary
progress epoch 1 step 399 image/sec 4.4 remaining 491m
discrim_loss 0.89266676
gen_loss_GAN 1.6074147
gen_loss_L1 0.3129963
progress epoch 1 step 449 image/sec 4.5 remaining 478m
discrim_loss 0.8464291
gen_loss_GAN 1.655622
gen_loss_L1 0.3152781
recording summary
progress epoch 1 step 500 image/sec 4.5 remaining 484m
discrim_loss 0.819278
gen_loss_GAN 1.6803205
gen_loss_L1 0.31819025
progress epoch 1 step 549 image/sec 4.6 remaining 474m
discrim_loss 0.799074
gen_loss_GAN 1.7889209
gen_loss_L1 0.3215271
recording summary
progress epoch 1 step 599 image/sec 4.5 remaining 479m
discrim_loss 0.7553558
gen_loss_GAN 1.8235799
gen_loss_L1 0.3274489
progress epoch 1 step 649 image/sec 4.6 remaining 471m
discrim_loss 0.7936142
gen_loss_GAN 1.8073885
gen_loss_L1 0.32826826
recording summary
progress epoch 1 step 699 image/sec 4.6 remaining 476m
discrim_loss 0.8056567
gen_loss_GAN 1.8710396
gen_loss_L1 0.333038
progress epoch 1 step 749 image/sec 4.6 remaining 469m
discrim_loss 0.83980817
gen_loss_GAN 1.8899055
gen_loss_L1 0.3259226
recording summary
progress epoch 1 step 799 image/sec 4.6 remaining 472m

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discrim_loss 0.79674417
gen_loss_GAN 1.8453165
gen_loss_L1 0.32191935
progress epoch 1 step 849 image/sec 4.6 remaining 466m
discrim_loss 0.7770656
gen_loss_GAN 1.8779027
gen_loss_L1 0.32422477
recording summary
progress epoch 1 step 899 image/sec 4.6 remaining 469m
discrim_loss 0.7479228
gen_loss_GAN 1.9104942
gen_loss_L1 0.3126129
progress epoch 1 step 949 image/sec 4.7 remaining 464m
discrim_loss 0.710554
gen_loss_GAN 1.9346935
gen_loss_L1 0.31019104
recording summary
progress epoch 1 step 999 image/sec 4.6 remaining 467m
discrim_loss 0.7413835
gen_loss_GAN 1.907838
gen_loss_L1 0.31265837
progress epoch 1 step 1049 image/sec 4.7 remaining 462m
discrim_loss 0.78092057
gen_loss_GAN 1.8907394
gen_loss_L1 0.3103538
recording summary
progress epoch 1 step 1099 image/sec 4.7 remaining 465m
discrim_loss 0.732257
gen_loss_GAN 1.865236
gen_loss_L1 0.31239828
progress epoch 1 step 1149 image/sec 4.7 remaining 461m
discrim_loss 0.76646125
gen_loss_GAN 1.9359599
gen_loss_L1 0.31389236
recording summary
progress epoch 1 step 1200 image/sec 4.7 remaining 464m
discrim_loss 0.79055756
gen_loss_GAN 1.8842531
gen_loss_L1 0.3273447
progress epoch 1 step 1249 image/sec 4.7 remaining 460m
discrim_loss 0.79844904
gen_loss_GAN 1.8473914
gen_loss_L1 0.3176477
recording summary
progress epoch 1 step 1299 image/sec 4.7 remaining 462m
discrim_loss 0.79356676
gen_loss_GAN 1.8364272
gen_loss_L1 0.30634403

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progress epoch 2 step 39 image/sec 4.7 remaining 459m
discrim_loss 0.8072134
gen_loss_GAN 1.839889
gen_loss_L1 0.30394983
recording summary
progress epoch 2 step 89 image/sec 4.7 remaining 461m
discrim_loss 0.8458503
gen_loss_GAN 1.7735888
gen_loss_L1 0.3000534
progress epoch 2 step 139 image/sec 4.7 remaining 458m
discrim_loss 0.7974281
gen_loss_GAN 1.8119683
gen_loss_L1 0.30705452
recording summary
progress epoch 2 step 189 image/sec 4.7 remaining 460m
discrim_loss 0.8611184
gen_loss_GAN 1.7612404
gen_loss_L1 0.29544213
progress epoch 2 step 239 image/sec 4.7 remaining 457m
discrim_loss 0.7631955
gen_loss_GAN 1.8299034
gen_loss_L1 0.29582122
recording summary
progress epoch 2 step 289 image/sec 4.7 remaining 459m
discrim_loss 0.8507666
gen_loss_GAN 1.8371187
gen_loss_L1 0.2907131
progress epoch 2 step 339 image/sec 4.7 remaining 456m
discrim_loss 0.82477784
gen_loss_GAN 1.8477918
gen_loss_L1 0.28805092
recording summary
progress epoch 2 step 389 image/sec 4.7 remaining 458m
discrim_loss 0.8362675
gen_loss_GAN 1.8533471
gen_loss_L1 0.2927513
progress epoch 2 step 439 image/sec 4.7 remaining 455m
discrim_loss 0.80386955
gen_loss_GAN 1.8607048
gen_loss_L1 0.30148977
recording summary
progress epoch 2 step 489 image/sec 4.7 remaining 457m
discrim_loss 0.7868298
gen_loss_GAN 1.8793848
gen_loss_L1 0.29299372
progress epoch 2 step 539 image/sec 4.7 remaining 454m
discrim_loss 0.84683394
gen_loss_GAN 1.8576508

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gen_loss_L1 0.29142037
recording summary
progress epoch 2 step 589 image/sec 4.7 remaining 456m
discrim_loss 0.82968307
gen_loss_GAN 1.8325204
gen_loss_L1 0.29344773
progress epoch 2 step 639 image/sec 4.7 remaining 453m
discrim_loss 0.85121375
gen_loss_GAN 1.8136947
gen_loss_L1 0.28726187
recording summary
progress epoch 2 step 689 image/sec 4.7 remaining 455m
discrim_loss 0.76955926
gen_loss_GAN 1.8854693
gen_loss_L1 0.28581256
progress epoch 2 step 739 image/sec 4.7 remaining 452m
discrim_loss 0.8128172
gen_loss_GAN 1.8504606
gen_loss_L1 0.27839226
recording summary
progress epoch 2 step 790 image/sec 4.7 remaining 454m
discrim_loss 0.8166402
gen_loss_GAN 1.7894183
gen_loss_L1 0.28541857
progress epoch 2 step 839 image/sec 4.7 remaining 452m
discrim_loss 0.8222297
gen_loss_GAN 1.8541512
gen_loss_L1 0.28553098
recording summary
progress epoch 2 step 890 image/sec 4.7 remaining 454m
discrim_loss 0.75830615
gen_loss_GAN 1.9179462
gen_loss_L1 0.2891375
progress epoch 2 step 940 image/sec 4.7 remaining 452m
discrim_loss 0.85966665
gen_loss_GAN 1.8864778
gen_loss_L1 0.29193795
recording summary
progress epoch 2 step 990 image/sec 4.7 remaining 453m
discrim_loss 0.8359291
gen_loss_GAN 1.8191386
gen_loss_L1 0.2898024
progress epoch 2 step 1039 image/sec 4.7 remaining 451m
discrim_loss 0.8388771
gen_loss_GAN 1.8662225
gen_loss_L1 0.29438004
recording summary
progress epoch 2 step 1090 image/sec 4.7 remaining 452m

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discrim_loss 0.7895373
gen_loss_GAN 1.9112598
gen_loss_L1 0.29392335
progress epoch 2 step 1140 image/sec 4.8 remaining 450m
discrim_loss 0.79611605
gen_loss_GAN 1.9242808
gen_loss_L1 0.28519917
recording summary
progress epoch 2 step 1189 image/sec 4.7 remaining 452m
discrim_loss 0.8087912
gen_loss_GAN 1.9388978
gen_loss_L1 0.291183
progress epoch 2 step 1239 image/sec 4.8 remaining 450m
discrim_loss 0.84316915
gen_loss_GAN 1.8486874
gen_loss_L1 0.28897953
recording summary
progress epoch 2 step 1289 image/sec 4.7 remaining 451m
discrim_loss 0.8154857
gen_loss_GAN 1.8680767
gen_loss_L1 0.29705483
progress epoch 3 step 30 image/sec 4.8 remaining 450m
discrim_loss 0.76838934
gen_loss_GAN 1.8646924
gen_loss_L1 0.2911175
recording summary
progress epoch 3 step 79 image/sec 4.7 remaining 451m
discrim_loss 0.7719209
gen_loss_GAN 1.8547983
gen_loss_L1 0.2862301
progress epoch 3 step 129 image/sec 4.8 remaining 449m
discrim_loss 0.7859786
gen_loss_GAN 1.828374
gen_loss_L1 0.27635688
recording summary
progress epoch 3 step 180 image/sec 4.7 remaining 450m
discrim_loss 0.84122664
gen_loss_GAN 1.7348286
gen_loss_L1 0.27095902
progress epoch 3 step 229 image/sec 4.8 remaining 448m
discrim_loss 0.8347365
gen_loss_GAN 1.7866504
gen_loss_L1 0.275899
recording summary
progress epoch 3 step 279 image/sec 4.7 remaining 450m
discrim_loss 0.8198073
gen_loss_GAN 1.7629508
gen_loss_L1 0.2679398

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progress epoch 3 step 329 image/sec 4.8 remaining 448m
discrim_loss 0.87658954
gen_loss_GAN 1.7369857
gen_loss_L1 0.26634616
recording summary
progress epoch 3 step 379 image/sec 4.7 remaining 449m
discrim_loss 0.9119812
gen_loss_GAN 1.6899691
gen_loss_L1 0.2700795
progress epoch 3 step 429 image/sec 4.8 remaining 448m
discrim_loss 0.8502708
gen_loss_GAN 1.6927941
gen_loss_L1 0.2675161
recording summary
progress epoch 3 step 479 image/sec 4.7 remaining 449m
discrim_loss 0.8601803
gen_loss_GAN 1.6931254
gen_loss_L1 0.26448947
progress epoch 3 step 529 image/sec 4.8 remaining 447m
discrim_loss 0.8307876
gen_loss_GAN 1.8064498
gen_loss_L1 0.2656172
recording summary
progress epoch 3 step 579 image/sec 4.7 remaining 448m
discrim_loss 0.8782376
gen_loss_GAN 1.7192955
gen_loss_L1 0.262882
progress epoch 3 step 629 image/sec 4.8 remaining 447m
discrim_loss 0.8714822
gen_loss_GAN 1.7909886
gen_loss_L1 0.26716396
recording summary
progress epoch 3 step 679 image/sec 4.8 remaining 448m
discrim_loss 0.8668693
gen_loss_GAN 1.7478328
gen_loss_L1 0.27575192
progress epoch 3 step 729 image/sec 4.8 remaining 446m
discrim_loss 0.8395825
gen_loss_GAN 1.7541395
gen_loss_L1 0.27045286
recording summary
progress epoch 3 step 780 image/sec 4.8 remaining 447m
discrim_loss 0.85972285
gen_loss_GAN 1.7908683
gen_loss_L1 0.26523027
progress epoch 3 step 830 image/sec 4.8 remaining 446m
discrim_loss 0.7915881
gen_loss_GAN 1.8281517

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gen_loss_L1 0.272541
recording summary
progress epoch 3 step 879 image/sec 4.8 remaining 447m
discrim_loss 0.8141725
gen_loss_GAN 1.759327
gen_loss_L1 0.2743042
progress epoch 3 step 929 image/sec 4.8 remaining 445m
discrim_loss 0.82633543
gen_loss_GAN 1.7661538
gen_loss_L1 0.27332562
recording summary
progress epoch 3 step 980 image/sec 4.8 remaining 446m
discrim_loss 0.8239992
gen_loss_GAN 1.7604266
gen_loss_L1 0.26971617
progress epoch 3 step 1029 image/sec 4.8 remaining 445m
discrim_loss 0.8693511
gen_loss_GAN 1.696504
gen_loss_L1 0.26393932
recording summary
progress epoch 3 step 1079 image/sec 4.8 remaining 446m
discrim_loss 0.80806243
gen_loss_GAN 1.781733
gen_loss_L1 0.27011585
progress epoch 3 step 1129 image/sec 4.8 remaining 444m
discrim_loss 0.88461876
gen_loss_GAN 1.7335254
gen_loss_L1 0.27281958
recording summary
progress epoch 3 step 1179 image/sec 4.8 remaining 445m
discrim_loss 0.8610197
gen_loss_GAN 1.7101421
gen_loss_L1 0.26229155
progress epoch 3 step 1229 image/sec 4.8 remaining 444m
discrim_loss 0.86729515
gen_loss_GAN 1.6941344
gen_loss_L1 0.26076987
recording summary
progress epoch 3 step 1279 image/sec 4.8 remaining 445m
discrim_loss 0.8117575
gen_loss_GAN 1.7384045
gen_loss_L1 0.2613511
progress epoch 4 step 19 image/sec 4.8 remaining 444m
discrim_loss 0.8701438
gen_loss_GAN 1.7826838
gen_loss_L1 0.27218062
recording summary
progress epoch 4 step 69 image/sec 4.8 remaining 444m

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discrim_loss 0.874643
gen_loss_GAN 1.7433262
gen_loss_L1 0.2716644
progress epoch 4 step 119 image/sec 4.8 remaining 443m
discrim_loss 0.8669428
gen_loss_GAN 1.734113
gen_loss_L1 0.26792508
recording summary
progress epoch 4 step 169 image/sec 4.8 remaining 444m
discrim_loss 0.8256381
gen_loss_GAN 1.7357141
gen_loss_L1 0.25869378
progress epoch 4 step 219 image/sec 4.8 remaining 443m
discrim_loss 0.8049124
gen_loss_GAN 1.7719159
gen_loss_L1 0.25651252
recording summary
progress epoch 4 step 269 image/sec 4.8 remaining 443m
discrim_loss 0.8643647
gen_loss_GAN 1.7499341
gen_loss_L1 0.24969062
progress epoch 4 step 319 image/sec 4.8 remaining 442m
discrim_loss 0.8540722
gen_loss_GAN 1.6959761
gen_loss_L1 0.2544321
recording summary
progress epoch 4 step 369 image/sec 4.8 remaining 443m
discrim_loss 0.8443974
gen_loss_GAN 1.6642777
gen_loss_L1 0.24486461
progress epoch 4 step 419 image/sec 4.8 remaining 442m
discrim_loss 0.81625164
gen_loss_GAN 1.6914678
gen_loss_L1 0.2546643
recording summary
progress epoch 4 step 469 image/sec 4.8 remaining 443m
discrim_loss 0.8212818
gen_loss_GAN 1.7270423
gen_loss_L1 0.2614608
progress epoch 4 step 520 image/sec 4.8 remaining 441m
discrim_loss 0.8417366
gen_loss_GAN 1.6962595
gen_loss_L1 0.26044962
recording summary
progress epoch 4 step 569 image/sec 4.8 remaining 442m
discrim_loss 0.7736156
gen_loss_GAN 1.7391026
gen_loss_L1 0.26571068

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progress epoch 4 step 619 image/sec 4.8 remaining 441m
discrim_loss 0.81490386
gen_loss_GAN 1.7482996
gen_loss_L1 0.25312048
recording summary
progress epoch 4 step 669 image/sec 4.8 remaining 442m
discrim_loss 0.84811056
gen_loss_GAN 1.7666683
gen_loss_L1 0.26032254
progress epoch 4 step 720 image/sec 4.8 remaining 441m
discrim_loss 0.88118494
gen_loss_GAN 1.7798222
gen_loss_L1 0.25644422
recording summary
progress epoch 4 step 770 image/sec 4.8 remaining 441m
discrim_loss 0.8359926
gen_loss_GAN 1.7496363
gen_loss_L1 0.25869125
progress epoch 4 step 819 image/sec 4.8 remaining 440m
discrim_loss 0.80594194
gen_loss_GAN 1.7074976
gen_loss_L1 0.253936
recording summary
progress epoch 4 step 869 image/sec 4.8 remaining 441m
discrim_loss 0.7995109
gen_loss_GAN 1.7030531
gen_loss_L1 0.25839895
progress epoch 4 step 919 image/sec 4.8 remaining 440m
discrim_loss 0.7839605
gen_loss_GAN 1.7530073
gen_loss_L1 0.26125243
recording summary
progress epoch 4 step 969 image/sec 4.8 remaining 441m
discrim_loss 0.77557164
gen_loss_GAN 1.742974
gen_loss_L1 0.25796312
progress epoch 4 step 1019 image/sec 4.8 remaining 440m
discrim_loss 0.8234179
gen_loss_GAN 1.7944564
gen_loss_L1 0.27601165
recording summary
progress epoch 4 step 1069 image/sec 4.8 remaining 440m
discrim_loss 0.837991
gen_loss_GAN 1.7961445
gen_loss_L1 0.26473728
saving model
progress epoch 4 step 1119 image/sec 4.8 remaining 440m
discrim_loss 0.79844356

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gen_loss_GAN 1.7782675
gen_loss_L1 0.26462823
recording summary
progress epoch 4 step 1169 image/sec 4.8 remaining 441m
discrim_loss 0.88667613
gen_loss_GAN 1.6953638
gen_loss_L1 0.25297332
progress epoch 4 step 1220 image/sec 4.8 remaining 440m
discrim_loss 0.9423095
gen_loss_GAN 1.6771865
gen_loss_L1 0.25636432
recording summary
progress epoch 4 step 1269 image/sec 4.8 remaining 441m
discrim_loss 0.855107
gen_loss_GAN 1.6812263
gen_loss_L1 0.26152378
progress epoch 5 step 9 image/sec 4.8 remaining 440m
discrim_loss 0.821556
gen_loss_GAN 1.7140455
gen_loss_L1 0.25310123
recording summary
progress epoch 5 step 59 image/sec 4.8 remaining 440m
discrim_loss 0.8018771
gen_loss_GAN 1.7239319
gen_loss_L1 0.25524226
progress epoch 5 step 109 image/sec 4.8 remaining 439m
discrim_loss 0.8276302
gen_loss_GAN 1.7015676
gen_loss_L1 0.2519551
recording summary
progress epoch 5 step 159 image/sec 4.8 remaining 440m
discrim_loss 0.83957815
gen_loss_GAN 1.7139591
gen_loss_L1 0.24207534
progress epoch 5 step 209 image/sec 4.8 remaining 439m
discrim_loss 0.83411586
gen_loss_GAN 1.6683054
gen_loss_L1 0.24232748
recording summary
progress epoch 5 step 259 image/sec 4.8 remaining 439m
discrim_loss 0.8239137
gen_loss_GAN 1.6757791
gen_loss_L1 0.24903002
progress epoch 5 step 309 image/sec 4.8 remaining 438m
discrim_loss 0.8006577
gen_loss_GAN 1.7393594
gen_loss_L1 0.24520916
recording summary

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progress epoch 5 step 359 image/sec 4.8 remaining 439m
discrim_loss 0.8278623
gen_loss_GAN 1.7460982
gen_loss_L1 0.24988288
progress epoch 5 step 409 image/sec 4.8 remaining 438m
discrim_loss 0.88637435
gen_loss_GAN 1.6575677
gen_loss_L1 0.25647914
recording summary
progress epoch 5 step 459 image/sec 4.8 remaining 439m
discrim_loss 0.77904767
gen_loss_GAN 1.7258295
gen_loss_L1 0.26427186
progress epoch 5 step 509 image/sec 4.8 remaining 438m
discrim_loss 0.7898232
gen_loss_GAN 1.7902426
gen_loss_L1 0.2557426
recording summary
progress epoch 5 step 559 image/sec 4.8 remaining 438m
discrim_loss 0.8048461
gen_loss_GAN 1.7454387
gen_loss_L1 0.24501409
progress epoch 5 step 610 image/sec 4.8 remaining 437m
discrim_loss 0.86120903
gen_loss_GAN 1.7646917
gen_loss_L1 0.24912514
recording summary
progress epoch 5 step 659 image/sec 4.8 remaining 438m
discrim_loss 0.8813475
gen_loss_GAN 1.670352
gen_loss_L1 0.2516501
progress epoch 5 step 710 image/sec 4.8 remaining 437m
discrim_loss 0.8302585
gen_loss_GAN 1.6915605
gen_loss_L1 0.24740586
recording summary
progress epoch 5 step 759 image/sec 4.8 remaining 437m
discrim_loss 0.8518655
gen_loss_GAN 1.6699053
gen_loss_L1 0.243705
progress epoch 5 step 809 image/sec 4.8 remaining 436m
discrim_loss 0.82241607
gen_loss_GAN 1.7085713
gen_loss_L1 0.24359551
recording summary
progress epoch 5 step 860 image/sec 4.8 remaining 437m
discrim_loss 0.82358867
gen_loss_GAN 1.6974969

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gen_loss_L1 0.25041187
progress epoch 5 step 909 image/sec 4.8 remaining 436m
discrim_loss 0.84255016
gen_loss_GAN 1.7312878
gen_loss_L1 0.25606832
recording summary
progress epoch 5 step 960 image/sec 4.8 remaining 436m
discrim_loss 0.8327636
gen_loss_GAN 1.6915208
gen_loss_L1 0.25408962
progress epoch 5 step 1009 image/sec 4.8 remaining 436m
discrim_loss 0.79932564
gen_loss_GAN 1.7377871
gen_loss_L1 0.2541867
recording summary
progress epoch 5 step 1060 image/sec 4.8 remaining 436m
discrim_loss 0.8259482
gen_loss_GAN 1.7536793
gen_loss_L1 0.2503779
progress epoch 5 step 1110 image/sec 4.8 remaining 435m
discrim_loss 0.8031666
gen_loss_GAN 1.7613969
gen_loss_L1 0.24611539
recording summary
progress epoch 5 step 1159 image/sec 4.8 remaining 436m
discrim_loss 0.7952429
gen_loss_GAN 1.762778
gen_loss_L1 0.25159323
progress epoch 5 step 1209 image/sec 4.8 remaining 435m
discrim_loss 0.82049155
gen_loss_GAN 1.7373278
gen_loss_L1 0.25652063
recording summary
progress epoch 5 step 1259 image/sec 4.8 remaining 435m
discrim_loss 0.8309761
gen_loss_GAN 1.707517
gen_loss_L1 0.25283122
progress epoch 5 step 1309 image/sec 4.8 remaining 434m
discrim_loss 0.7971019
gen_loss_GAN 1.7352171
gen_loss_L1 0.25155768
recording summary
progress epoch 6 step 50 image/sec 4.8 remaining 435m
discrim_loss 0.8477561
gen_loss_GAN 1.7325119
gen_loss_L1 0.24699217
progress epoch 6 step 99 image/sec 4.8 remaining 434m
discrim_loss 0.87609076

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gen_loss_GAN 1.6701726
gen_loss_L1 0.24089271
recording summary
progress epoch 6 step 149 image/sec 4.8 remaining 434m
discrim_loss 0.82938
gen_loss_GAN 1.7167101
gen_loss_L1 0.24747819
progress epoch 6 step 199 image/sec 4.8 remaining 434m
discrim_loss 0.80613935
gen_loss_GAN 1.6984949
gen_loss_L1 0.25582224
recording summary
progress epoch 6 step 249 image/sec 4.8 remaining 434m
discrim_loss 0.83872736
gen_loss_GAN 1.6944946
gen_loss_L1 0.24987742
progress epoch 6 step 299 image/sec 4.8 remaining 433m
discrim_loss 0.8311945
gen_loss_GAN 1.738243
gen_loss_L1 0.25428328
recording summary
progress epoch 6 step 349 image/sec 4.8 remaining 434m
discrim_loss 0.8604683
gen_loss_GAN 1.6714343
gen_loss_L1 0.25135973
progress epoch 6 step 399 image/sec 4.8 remaining 433m
discrim_loss 0.8481627
gen_loss_GAN 1.7377099
gen_loss_L1 0.24209404
recording summary
progress epoch 6 step 449 image/sec 4.8 remaining 433m
discrim_loss 0.8449536
gen_loss_GAN 1.7441058
gen_loss_L1 0.2520266
progress epoch 6 step 500 image/sec 4.8 remaining 433m
discrim_loss 0.81933475
gen_loss_GAN 1.744066
gen_loss_L1 0.24387175
recording summary
progress epoch 6 step 549 image/sec 4.8 remaining 433m
discrim_loss 0.75588673
gen_loss_GAN 1.7648084
gen_loss_L1 0.25353548
progress epoch 6 step 599 image/sec 4.8 remaining 432m
discrim_loss 0.8062014
gen_loss_GAN 1.7311279
gen_loss_L1 0.24472538
recording summary

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progress epoch 6 step 649 image/sec 4.8 remaining 433m
discrim_loss 0.8513623
gen_loss_GAN 1.7334422
gen_loss_L1 0.24140058
progress epoch 6 step 699 image/sec 4.8 remaining 432m
discrim_loss 0.81907946
gen_loss_GAN 1.7890521
gen_loss_L1 0.24290755
recording summary
progress epoch 6 step 749 image/sec 4.8 remaining 432m
discrim_loss 0.86766696
gen_loss_GAN 1.7113986
gen_loss_L1 0.24125151
progress epoch 6 step 799 image/sec 4.8 remaining 431m
discrim_loss 0.82262933
gen_loss_GAN 1.7210481
gen_loss_L1 0.24007422
recording summary
progress epoch 6 step 849 image/sec 4.8 remaining 432m
discrim_loss 0.82869
gen_loss_GAN 1.7222662
gen_loss_L1 0.24218905
progress epoch 6 step 900 image/sec 4.8 remaining 431m
discrim_loss 0.8412575
gen_loss_GAN 1.7046177
gen_loss_L1 0.24196258
recording summary
progress epoch 6 step 949 image/sec 4.8 remaining 431m
discrim_loss 0.81752235
gen_loss_GAN 1.6972498
gen_loss_L1 0.23523939
progress epoch 6 step 999 image/sec 4.8 remaining 431m
discrim_loss 0.81804645
gen_loss_GAN 1.7269639
gen_loss_L1 0.23427181
recording summary
progress epoch 6 step 1049 image/sec 4.8 remaining 431m
discrim_loss 0.8243659
gen_loss_GAN 1.7014042
gen_loss_L1 0.24431227
progress epoch 6 step 1099 image/sec 4.8 remaining 430m
discrim_loss 0.8011239
gen_loss_GAN 1.7367636
gen_loss_L1 0.2544421
recording summary
progress epoch 6 step 1149 image/sec 4.8 remaining 430m
discrim_loss 0.81828165
gen_loss_GAN 1.7410417

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gen_loss_L1 0.24262862
progress epoch 6 step 1199 image/sec 4.8 remaining 430m
discrim_loss 0.77249986
gen_loss_GAN 1.7439092
gen_loss_L1 0.24407956
recording summary
progress epoch 6 step 1249 image/sec 4.8 remaining 430m
discrim_loss 0.7897438
gen_loss_GAN 1.724586
gen_loss_L1 0.24594827
progress epoch 6 step 1299 image/sec 4.8 remaining 429m
discrim_loss 0.8645404
gen_loss_GAN 1.7478737
gen_loss_L1 0.25750905
recording summary
progress epoch 7 step 39 image/sec 4.8 remaining 430m
discrim_loss 0.796586
gen_loss_GAN 1.7835809
gen_loss_L1 0.25946596
progress epoch 7 step 89 image/sec 4.8 remaining 429m
discrim_loss 0.8516189
gen_loss_GAN 1.7967815
gen_loss_L1 0.26345527
recording summary
progress epoch 7 step 139 image/sec 4.8 remaining 429m
discrim_loss 0.84584093
gen_loss_GAN 1.7420422
gen_loss_L1 0.25293058
progress epoch 7 step 189 image/sec 4.8 remaining 429m
discrim_loss 0.8182745
gen_loss_GAN 1.7532953
gen_loss_L1 0.2574517
recording summary
progress epoch 7 step 240 image/sec 4.8 remaining 429m
discrim_loss 0.82800806
gen_loss_GAN 1.7290733
gen_loss_L1 0.25323832
progress epoch 7 step 289 image/sec 4.8 remaining 428m
discrim_loss 0.75946397
gen_loss_GAN 1.7837152
gen_loss_L1 0.25391313
recording summary
progress epoch 7 step 340 image/sec 4.8 remaining 428m
discrim_loss 0.8028537
gen_loss_GAN 1.7681872
gen_loss_L1 0.24970068
progress epoch 7 step 389 image/sec 4.8 remaining 428m
discrim_loss 0.80520695

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gen_loss_GAN 1.7507392
gen_loss_L1 0.2373328
recording summary
progress epoch 7 step 439 image/sec 4.8 remaining 428m
discrim_loss 0.812544
gen_loss_GAN 1.7630191
gen_loss_L1 0.23158304
progress epoch 7 step 489 image/sec 4.8 remaining 427m
discrim_loss 0.80658126
gen_loss_GAN 1.7324923
gen_loss_L1 0.22704774
recording summary
progress epoch 7 step 539 image/sec 4.8 remaining 428m
discrim_loss 0.7881365
gen_loss_GAN 1.7264203
gen_loss_L1 0.23898761
progress epoch 7 step 589 image/sec 4.8 remaining 427m
discrim_loss 0.87957394
gen_loss_GAN 1.7875699
gen_loss_L1 0.25149918
recording summary
progress epoch 7 step 639 image/sec 4.8 remaining 427m
discrim_loss 0.83604336
gen_loss_GAN 1.7480329
gen_loss_L1 0.2430353
progress epoch 7 step 689 image/sec 4.8 remaining 427m
discrim_loss 0.8434074
gen_loss_GAN 1.7231247
gen_loss_L1 0.23990463
recording summary
progress epoch 7 step 739 image/sec 4.8 remaining 427m
discrim_loss 0.77627504
gen_loss_GAN 1.7866322
gen_loss_L1 0.24561927
progress epoch 7 step 790 image/sec 4.8 remaining 426m
discrim_loss 0.83476627
gen_loss_GAN 1.729775
gen_loss_L1 0.23847666
recording summary
progress epoch 7 step 840 image/sec 4.8 remaining 426m
discrim_loss 0.80904883
gen_loss_GAN 1.7861927
gen_loss_L1 0.24199589
progress epoch 7 step 889 image/sec 4.8 remaining 426m
discrim_loss 0.8542454
gen_loss_GAN 1.7565845
gen_loss_L1 0.24291646
recording summary

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progress epoch 7 step 939 image/sec 4.8 remaining 426m
discrim_loss 0.78220004
gen_loss_GAN 1.7865666
gen_loss_L1 0.24436913
progress epoch 7 step 989 image/sec 4.8 remaining 426m
discrim_loss 0.8034719
gen_loss_GAN 1.7398881
gen_loss_L1 0.23637909
recording summary
progress epoch 7 step 1040 image/sec 4.8 remaining 426m
discrim_loss 0.7606076
gen_loss_GAN 1.7446085
gen_loss_L1 0.23537579
progress epoch 7 step 1089 image/sec 4.8 remaining 425m
discrim_loss 0.79405904
gen_loss_GAN 1.7363243
gen_loss_L1 0.23539862
recording summary
progress epoch 7 step 1139 image/sec 4.8 remaining 425m
discrim_loss 0.7709526
gen_loss_GAN 1.8031689
gen_loss_L1 0.24492197
progress epoch 7 step 1189 image/sec 4.8 remaining 425m
discrim_loss 0.82426745
gen_loss_GAN 1.7774853
gen_loss_L1 0.2454945
recording summary
progress epoch 7 step 1240 image/sec 4.8 remaining 425m
discrim_loss 0.8400042
gen_loss_GAN 1.7132698
gen_loss_L1 0.23713723
progress epoch 7 step 1290 image/sec 4.8 remaining 424m
discrim_loss 0.8368803
gen_loss_GAN 1.7416505
gen_loss_L1 0.24330519
recording summary
progress epoch 8 step 29 image/sec 4.8 remaining 425m
discrim_loss 0.80661523
gen_loss_GAN 1.7480557
gen_loss_L1 0.23908311
progress epoch 8 step 79 image/sec 4.8 remaining 424m
discrim_loss 0.8632404
gen_loss_GAN 1.7500507
gen_loss_L1 0.23167753
recording summary
progress epoch 8 step 130 image/sec 4.8 remaining 424m
discrim_loss 0.7933336
gen_loss_GAN 1.7416159

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gen_loss_L1 0.2296496
progress epoch 8 step 179 image/sec 4.8 remaining 424m
discrim_loss 0.7922371
gen_loss_GAN 1.7453598
gen_loss_L1 0.23428644
recording summary
progress epoch 8 step 229 image/sec 4.8 remaining 424m
discrim_loss 0.8066641
gen_loss_GAN 1.7141255
gen_loss_L1 0.2296646
progress epoch 8 step 279 image/sec 4.8 remaining 423m
discrim_loss 0.8325562
gen_loss_GAN 1.7067792
gen_loss_L1 0.22542389
recording summary
progress epoch 8 step 329 image/sec 4.8 remaining 423m
discrim_loss 0.8469732
gen_loss_GAN 1.7156591
gen_loss_L1 0.24091192
progress epoch 8 step 379 image/sec 4.8 remaining 423m
discrim_loss 0.8345866
gen_loss_GAN 1.7177691
gen_loss_L1 0.23702538
recording summary
progress epoch 8 step 429 image/sec 4.8 remaining 423m
discrim_loss 0.8111944
gen_loss_GAN 1.7563607
gen_loss_L1 0.24067962
progress epoch 8 step 479 image/sec 4.8 remaining 423m
discrim_loss 0.81973726
gen_loss_GAN 1.7576349
gen_loss_L1 0.23936072
recording summary
progress epoch 8 step 529 image/sec 4.8 remaining 423m
discrim_loss 0.8091595
gen_loss_GAN 1.7636007
gen_loss_L1 0.23612139
progress epoch 8 step 579 image/sec 4.8 remaining 422m
discrim_loss 0.79624337
gen_loss_GAN 1.7894591
gen_loss_L1 0.23530892
recording summary
progress epoch 8 step 630 image/sec 4.8 remaining 422m
discrim_loss 0.8168001
gen_loss_GAN 1.7539344
gen_loss_L1 0.24179167
progress epoch 8 step 679 image/sec 4.8 remaining 422m
discrim_loss 0.82715714

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gen_loss_GAN 1.7619815
gen_loss_L1 0.2387056
recording summary
progress epoch 8 step 730 image/sec 4.8 remaining 422m
discrim_loss 0.80841666
gen_loss_GAN 1.7860042
gen_loss_L1 0.24794096
progress epoch 8 step 779 image/sec 4.8 remaining 422m
discrim_loss 0.83191717
gen_loss_GAN 1.7336273
gen_loss_L1 0.24657959
recording summary
progress epoch 8 step 829 image/sec 4.8 remaining 422m
discrim_loss 0.8426521
gen_loss_GAN 1.751508
gen_loss_L1 0.25028965
saving model
W0905 00:36:10.396773 139768995350400 deprecation.py:323] From
/usr/local/lib/python3.6/dist-packages/tensorflow/python/training/saver.py:960:
remove_checkpoint (from tensorflow.python.training.checkpoint_management) is
deprecated and will be removed in a future version.
Instructions for updating:
Use standard file APIs to delete files with this prefix.
progress epoch 8 step 879 image/sec 4.8 remaining 422m
discrim_loss 0.8227509
gen_loss_GAN 1.7566067
gen_loss_L1 0.24535994
recording summary
progress epoch 8 step 929 image/sec 4.8 remaining 422m
discrim_loss 0.77212304
gen_loss_GAN 1.7908124
gen_loss_L1 0.25487575
progress epoch 8 step 979 image/sec 4.8 remaining 421m
discrim_loss 0.7043855
gen_loss_GAN 1.8731184
gen_loss_L1 0.25541016
recording summary
progress epoch 8 step 1029 image/sec 4.8 remaining 422m
discrim_loss 0.74287075
gen_loss_GAN 1.8758428
gen_loss_L1 0.24240935
progress epoch 8 step 1079 image/sec 4.8 remaining 421m
discrim_loss 0.7961618
gen_loss_GAN 1.8273841
gen_loss_L1 0.2372204
recording summary
progress epoch 8 step 1129 image/sec 4.8 remaining 421m
discrim_loss 0.79622346

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gen_loss_GAN 1.844373
gen_loss_L1 0.22970513
progress epoch 8 step 1179 image/sec 4.8 remaining 421m
discrim_loss 0.82664454
gen_loss_GAN 1.7904036
gen_loss_L1 0.23192862
recording summary
progress epoch 8 step 1229 image/sec 4.8 remaining 421m
discrim_loss 0.8146204
gen_loss_GAN 1.8084931
gen_loss_L1 0.22541228
progress epoch 8 step 1279 image/sec 4.8 remaining 420m
discrim_loss 0.7789885
gen_loss_GAN 1.8128746
gen_loss_L1 0.24201287
recording summary
progress epoch 9 step 20 image/sec 4.8 remaining 420m
discrim_loss 0.76383585
gen_loss_GAN 1.795952
gen_loss_L1 0.24141155
progress epoch 9 step 69 image/sec 4.8 remaining 420m
discrim_loss 0.77756625
gen_loss_GAN 1.7804862
gen_loss_L1 0.23678708
recording summary
progress epoch 9 step 119 image/sec 4.8 remaining 420m
discrim_loss 0.7863008
gen_loss_GAN 1.7990271
gen_loss_L1 0.2436253
progress epoch 9 step 169 image/sec 4.8 remaining 420m
discrim_loss 0.75937015
gen_loss_GAN 1.7830229
gen_loss_L1 0.24187648
recording summary
progress epoch 9 step 219 image/sec 4.8 remaining 420m
discrim_loss 0.8249286
gen_loss_GAN 1.7782912
gen_loss_L1 0.23973148
progress epoch 9 step 269 image/sec 4.8 remaining 419m
discrim_loss 0.8065051
gen_loss_GAN 1.7723604
gen_loss_L1 0.23598534
recording summary
progress epoch 9 step 319 image/sec 4.8 remaining 419m
discrim_loss 0.7771594
gen_loss_GAN 1.7588868
gen_loss_L1 0.23721325
progress epoch 9 step 370 image/sec 4.8 remaining 419m

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discrim_loss 0.78054464
gen_loss_GAN 1.7594553
gen_loss_L1 0.23405942
recording summary
progress epoch 9 step 419 image/sec 4.8 remaining 419m
discrim_loss 0.7877338
gen_loss_GAN 1.7908082
gen_loss_L1 0.23760109
progress epoch 9 step 469 image/sec 4.8 remaining 419m
discrim_loss 0.8093044
gen_loss_GAN 1.7698807
gen_loss_L1 0.24427073
recording summary
progress epoch 9 step 519 image/sec 4.8 remaining 419m
discrim_loss 0.76014775
gen_loss_GAN 1.7848744
gen_loss_L1 0.24019581
progress epoch 9 step 569 image/sec 4.8 remaining 418m
discrim_loss 0.79376626
gen_loss_GAN 1.8374172
gen_loss_L1 0.24277852
recording summary
progress epoch 9 step 619 image/sec 4.8 remaining 418m
discrim_loss 0.8215242
gen_loss_GAN 1.839661
gen_loss_L1 0.24293719
progress epoch 9 step 669 image/sec 4.8 remaining 418m
discrim_loss 0.8237035
gen_loss_GAN 1.8042854
gen_loss_L1 0.24130411
recording summary
progress epoch 9 step 719 image/sec 4.8 remaining 418m
discrim_loss 0.77552444
gen_loss_GAN 1.815034
gen_loss_L1 0.23292142
progress epoch 9 step 770 image/sec 4.8 remaining 417m
discrim_loss 0.7030967
gen_loss_GAN 1.9360543
gen_loss_L1 0.24710156
recording summary
progress epoch 9 step 819 image/sec 4.8 remaining 418m
discrim_loss 0.7515542
gen_loss_GAN 1.9103839
gen_loss_L1 0.24099045
progress epoch 9 step 870 image/sec 4.8 remaining 417m
discrim_loss 0.7498368
gen_loss_GAN 1.851445
gen_loss_L1 0.23194918

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recording summary
progress epoch 9 step 919 image/sec 4.8 remaining 417m
discrim_loss 0.8068463
gen_loss_GAN 1.8539644
gen_loss_L1 0.2300276
progress epoch 9 step 969 image/sec 4.8 remaining 417m
discrim_loss 0.80649227
gen_loss_GAN 1.815798
gen_loss_L1 0.23466691
recording summary
progress epoch 9 step 1020 image/sec 4.8 remaining 417m
discrim_loss 0.75545776
gen_loss_GAN 1.8375034
gen_loss_L1 0.24857807
progress epoch 9 step 1069 image/sec 4.8 remaining 416m
discrim_loss 0.7816216
gen_loss_GAN 1.857035
gen_loss_L1 0.24001524
recording summary
progress epoch 9 step 1119 image/sec 4.8 remaining 416m
discrim_loss 0.8426775
gen_loss_GAN 1.8504802
gen_loss_L1 0.22641113
progress epoch 9 step 1169 image/sec 4.8 remaining 416m
discrim_loss 0.8165993
gen_loss_GAN 1.8506585
gen_loss_L1 0.23487201
recording summary
progress epoch 9 step 1219 image/sec 4.8 remaining 416m
discrim_loss 0.75571644
gen_loss_GAN 1.8163316
gen_loss_L1 0.24123877
progress epoch 9 step 1269 image/sec 4.8 remaining 416m
discrim_loss 0.76924425
gen_loss_GAN 1.9214691
gen_loss_L1 0.2391037
recording summary
progress epoch 10 step 9 image/sec 4.8 remaining 416m
discrim_loss 0.7668327
gen_loss_GAN 1.8605934
gen_loss_L1 0.2434395
progress epoch 10 step 59 image/sec 4.8 remaining 415m
discrim_loss 0.7781315
gen_loss_GAN 1.8465725
gen_loss_L1 0.23879161
recording summary
progress epoch 10 step 109 image/sec 4.8 remaining 415m
discrim_loss 0.80701303

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gen_loss_GAN 1.8240705
gen_loss_L1 0.23325232
progress epoch 10 step 159 image/sec 4.8 remaining 415m
discrim_loss 0.79496634
gen_loss_GAN 1.7689782
gen_loss_L1 0.22776626
recording summary
progress epoch 10 step 210 image/sec 4.8 remaining 415m
discrim_loss 0.7647118
gen_loss_GAN 1.8048503
gen_loss_L1 0.23320381
progress epoch 10 step 259 image/sec 4.8 remaining 415m
discrim_loss 0.75553316
gen_loss_GAN 1.804501
gen_loss_L1 0.23145579
recording summary
progress epoch 10 step 310 image/sec 4.8 remaining 415m
discrim_loss 0.8058952
gen_loss_GAN 1.8237807
gen_loss_L1 0.23796916
progress epoch 10 step 359 image/sec 4.8 remaining 414m
discrim_loss 0.8256082
gen_loss_GAN 1.8246685
gen_loss_L1 0.22873907
recording summary
progress epoch 10 step 409 image/sec 4.8 remaining 414m
discrim_loss 0.7770287
gen_loss_GAN 1.838337
gen_loss_L1 0.22834082
progress epoch 10 step 459 image/sec 4.8 remaining 414m
discrim_loss 0.7466013
gen_loss_GAN 1.8617814
gen_loss_L1 0.22913235
recording summary
progress epoch 10 step 509 image/sec 4.8 remaining 414m
discrim_loss 0.73918563
gen_loss_GAN 1.8587985
gen_loss_L1 0.22409858
progress epoch 10 step 559 image/sec 4.8 remaining 413m
discrim_loss 0.79515076
gen_loss_GAN 1.8486409
gen_loss_L1 0.2240578
recording summary
progress epoch 10 step 609 image/sec 4.8 remaining 414m
discrim_loss 0.71399903
gen_loss_GAN 1.9599121
gen_loss_L1 0.24310026
progress epoch 10 step 659 image/sec 4.8 remaining 413m

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discrim_loss 0.77046543
gen_loss_GAN 1.9082236
gen_loss_L1 0.24317229
recording summary
progress epoch 10 step 709 image/sec 4.8 remaining 413m
discrim_loss 0.83334833
gen_loss_GAN 1.8688033
gen_loss_L1 0.23766747
progress epoch 10 step 759 image/sec 4.8 remaining 413m
discrim_loss 0.82896817
gen_loss_GAN 1.8168818
gen_loss_L1 0.23557812
recording summary
progress epoch 10 step 810 image/sec 4.8 remaining 413m
discrim_loss 0.817682
gen_loss_GAN 1.7787546
gen_loss_L1 0.23529013
progress epoch 10 step 859 image/sec 4.8 remaining 412m
discrim_loss 0.82306415
gen_loss_GAN 1.7735806
gen_loss_L1 0.23798718
recording summary
progress epoch 10 step 909 image/sec 4.8 remaining 413m
discrim_loss 0.7914615
gen_loss_GAN 1.8283134
gen_loss_L1 0.24377304
progress epoch 10 step 959 image/sec 4.8 remaining 412m
discrim_loss 0.75973505
gen_loss_GAN 1.8508399
gen_loss_L1 0.25201714
recording summary
progress epoch 10 step 1009 image/sec 4.8 remaining 412m
discrim_loss 0.7383307
gen_loss_GAN 1.901887
gen_loss_L1 0.26193416
progress epoch 10 step 1059 image/sec 4.8 remaining 412m
discrim_loss 0.74454653
gen_loss_GAN 1.8574687
gen_loss_L1 0.24896361
recording summary
progress epoch 10 step 1109 image/sec 4.8 remaining 412m
discrim_loss 0.8285757
gen_loss_GAN 1.8121988
gen_loss_L1 0.2374159
progress epoch 10 step 1159 image/sec 4.8 remaining 411m
discrim_loss 0.8347141
gen_loss_GAN 1.8215065
gen_loss_L1 0.22809419

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recording summary
progress epoch 10 step 1210 image/sec 4.8 remaining 411m
discrim_loss 0.81816345
gen_loss_GAN 1.8450778
gen_loss_L1 0.22627476
progress epoch 10 step 1260 image/sec 4.8 remaining 411m
discrim_loss 0.7993405
gen_loss_GAN 1.8632914
gen_loss_L1 0.23062406
recording summary
progress epoch 10 step 1309 image/sec 4.8 remaining 411m
discrim_loss 0.7743238
gen_loss_GAN 1.8367743
gen_loss_L1 0.23644616
progress epoch 11 step 49 image/sec 4.8 remaining 411m
discrim_loss 0.79873395
gen_loss_GAN 1.8413681
gen_loss_L1 0.23967575
recording summary
progress epoch 11 step 99 image/sec 4.8 remaining 411m
discrim_loss 0.7625516
gen_loss_GAN 1.8154085
gen_loss_L1 0.23536657
progress epoch 11 step 149 image/sec 4.8 remaining 410m
discrim_loss 0.7330179
gen_loss_GAN 1.8923162
gen_loss_L1 0.24072626
recording summary
progress epoch 11 step 199 image/sec 4.8 remaining 411m
discrim_loss 0.7739254
gen_loss_GAN 1.8958455
gen_loss_L1 0.23633675
progress epoch 11 step 249 image/sec 4.8 remaining 410m
discrim_loss 0.7621685
gen_loss_GAN 1.8784094
gen_loss_L1 0.22985683
recording summary
progress epoch 11 step 299 image/sec 4.8 remaining 410m
discrim_loss 0.7388951
gen_loss_GAN 1.9264569
gen_loss_L1 0.2296261
progress epoch 11 step 349 image/sec 4.8 remaining 410m
discrim_loss 0.7301384
gen_loss_GAN 1.8965155
gen_loss_L1 0.23570342
recording summary
progress epoch 11 step 399 image/sec 4.8 remaining 410m
discrim_loss 0.73650724

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gen_loss_GAN 1.8788086
gen_loss_L1 0.24333283
progress epoch 11 step 450 image/sec 4.8 remaining 409m
discrim_loss 0.8240851
gen_loss_GAN 1.8726267
gen_loss_L1 0.2345264
recording summary
progress epoch 11 step 499 image/sec 4.8 remaining 409m
discrim_loss 0.7953314
gen_loss_GAN 1.8855798
gen_loss_L1 0.22879139
progress epoch 11 step 549 image/sec 4.8 remaining 409m
discrim_loss 0.8602097
gen_loss_GAN 1.8563623
gen_loss_L1 0.23044291
recording summary
progress epoch 11 step 599 image/sec 4.8 remaining 409m
discrim_loss 0.80204016
gen_loss_GAN 1.8938428
gen_loss_L1 0.22683659
progress epoch 11 step 649 image/sec 4.8 remaining 409m
discrim_loss 0.7684168
gen_loss_GAN 1.9381369
gen_loss_L1 0.24020042
recording summary
progress epoch 11 step 699 image/sec 4.8 remaining 409m
discrim_loss 0.79374444
gen_loss_GAN 1.8907316
gen_loss_L1 0.24054112
progress epoch 11 step 749 image/sec 4.8 remaining 408m
discrim_loss 0.7729606
gen_loss_GAN 1.8704938
gen_loss_L1 0.23387332
recording summary
progress epoch 11 step 799 image/sec 4.8 remaining 408m
discrim_loss 0.73159754
gen_loss_GAN 1.858849
gen_loss_L1 0.23886913
progress epoch 11 step 849 image/sec 4.8 remaining 408m
discrim_loss 0.7380673
gen_loss_GAN 1.8755307
gen_loss_L1 0.2364817
recording summary
progress epoch 11 step 899 image/sec 4.8 remaining 408m
discrim_loss 0.74528986
gen_loss_GAN 1.8583952
gen_loss_L1 0.23480642
progress epoch 11 step 949 image/sec 4.8 remaining 407m

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discrim_loss 0.77045316
gen_loss_GAN 1.8237659
gen_loss_L1 0.23559456
recording summary
progress epoch 11 step 999 image/sec 4.8 remaining 408m
discrim_loss 0.77649933
gen_loss_GAN 1.877933
gen_loss_L1 0.23774236
progress epoch 11 step 1049 image/sec 4.8 remaining 407m
discrim_loss 0.7931615
gen_loss_GAN 1.8661655
gen_loss_L1 0.24628837
recording summary
progress epoch 11 step 1099 image/sec 4.8 remaining 407m
discrim_loss 0.80979097
gen_loss_GAN 1.8769658
gen_loss_L1 0.2519483
progress epoch 11 step 1149 image/sec 4.8 remaining 407m
discrim_loss 0.8674941
gen_loss_GAN 1.8661364
gen_loss_L1 0.2470615
recording summary
progress epoch 11 step 1199 image/sec 4.8 remaining 407m
discrim_loss 0.79986537
gen_loss_GAN 1.7684639
gen_loss_L1 0.22792567
progress epoch 11 step 1249 image/sec 4.8 remaining 406m
discrim_loss 0.83344144
gen_loss_GAN 1.7749199
gen_loss_L1 0.22439496
recording summary
progress epoch 11 step 1299 image/sec 4.8 remaining 406m
discrim_loss 0.7442333
gen_loss_GAN 1.8849264
gen_loss_L1 0.2312744
progress epoch 12 step 39 image/sec 4.8 remaining 406m
discrim_loss 0.7259514
gen_loss_GAN 1.8471751
gen_loss_L1 0.22760122
recording summary
progress epoch 12 step 89 image/sec 4.8 remaining 406m
discrim_loss 0.74493337
gen_loss_GAN 1.8578932
gen_loss_L1 0.23270155
progress epoch 12 step 139 image/sec 4.8 remaining 406m
discrim_loss 0.6974281
gen_loss_GAN 1.8851439
gen_loss_L1 0.24066731

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recording summary
progress epoch 12 step 189 image/sec 4.8 remaining 406m
discrim_loss 0.7724306
gen_loss_GAN 1.8915523
gen_loss_L1 0.23270056
progress epoch 12 step 239 image/sec 4.8 remaining 405m
discrim_loss 0.8337421
gen_loss_GAN 1.8919353
gen_loss_L1 0.2353353
recording summary
progress epoch 12 step 289 image/sec 4.8 remaining 405m
discrim_loss 0.7594976
gen_loss_GAN 1.9090326
gen_loss_L1 0.23616323
progress epoch 12 step 339 image/sec 4.8 remaining 405m
discrim_loss 0.73650897
gen_loss_GAN 1.8936782
gen_loss_L1 0.22987363
recording summary
progress epoch 12 step 389 image/sec 4.8 remaining 405m
discrim_loss 0.7246693
gen_loss_GAN 1.89075
gen_loss_L1 0.2281326
progress epoch 12 step 439 image/sec 4.8 remaining 405m
discrim_loss 0.83270997
gen_loss_GAN 1.8401523
gen_loss_L1 0.22824231
recording summary
progress epoch 12 step 489 image/sec 4.8 remaining 405m
discrim_loss 0.8283182
gen_loss_GAN 1.8486086
gen_loss_L1 0.22625123
progress epoch 12 step 539 image/sec 4.8 remaining 404m
discrim_loss 0.8511097
gen_loss_GAN 1.8427896
gen_loss_L1 0.22051857
recording summary
progress epoch 12 step 589 image/sec 4.8 remaining 404m
discrim_loss 0.8169553
gen_loss_GAN 1.7998894
gen_loss_L1 0.22644542
saving model
progress epoch 12 step 640 image/sec 4.8 remaining 404m
discrim_loss 0.7898865
gen_loss_GAN 1.815778
gen_loss_L1 0.22491282
recording summary
progress epoch 12 step 689 image/sec 4.8 remaining 404m

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discrim_loss 0.8018742
gen_loss_GAN 1.8370005
gen_loss_L1 0.22485821
progress epoch 12 step 739 image/sec 4.8 remaining 404m
discrim_loss 0.7481317
gen_loss_GAN 1.8525538
gen_loss_L1 0.23874213
recording summary
progress epoch 12 step 790 image/sec 4.8 remaining 404m
discrim_loss 0.72667646
gen_loss_GAN 1.9222699
gen_loss_L1 0.23251773
progress epoch 12 step 839 image/sec 4.8 remaining 403m
discrim_loss 0.7063046
gen_loss_GAN 1.9430652
gen_loss_L1 0.2264968
recording summary
progress epoch 12 step 889 image/sec 4.8 remaining 404m
discrim_loss 0.78353983
gen_loss_GAN 1.9270321
gen_loss_L1 0.23746383
progress epoch 12 step 940 image/sec 4.8 remaining 403m
discrim_loss 0.74231076
gen_loss_GAN 1.9096634
gen_loss_L1 0.23923135
recording summary
progress epoch 12 step 989 image/sec 4.8 remaining 403m
discrim_loss 0.7500351
gen_loss_GAN 1.9375801
gen_loss_L1 0.23123313
progress epoch 12 step 1039 image/sec 4.8 remaining 403m
discrim_loss 0.7321813
gen_loss_GAN 1.9356798
gen_loss_L1 0.2327093
recording summary
progress epoch 12 step 1089 image/sec 4.8 remaining 403m
discrim_loss 0.76099026
gen_loss_GAN 1.9319113
gen_loss_L1 0.24187636
progress epoch 12 step 1139 image/sec 4.8 remaining 402m
discrim_loss 0.7642238
gen_loss_GAN 1.9185762
gen_loss_L1 0.24345858
recording summary
progress epoch 12 step 1189 image/sec 4.8 remaining 402m
discrim_loss 0.7605205
gen_loss_GAN 1.9166454
gen_loss_L1 0.24365677

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progress epoch 12 step 1239 image/sec 4.8 remaining 402m
discrim_loss 0.70703095
gen_loss_GAN 1.9289793
gen_loss_L1 0.24828237
recording summary
progress epoch 12 step 1290 image/sec 4.8 remaining 402m
discrim_loss 0.75619006
gen_loss_GAN 1.9140117
gen_loss_L1 0.23626159
progress epoch 13 step 29 image/sec 4.8 remaining 402m
discrim_loss 0.75835055
gen_loss_GAN 1.8992469
gen_loss_L1 0.23928696
recording summary
progress epoch 13 step 79 image/sec 4.8 remaining 402m
discrim_loss 0.7429151
gen_loss_GAN 1.8797454
gen_loss_L1 0.2312747
progress epoch 13 step 129 image/sec 4.8 remaining 401m
discrim_loss 0.74920803
gen_loss_GAN 1.8725997
gen_loss_L1 0.23203094
recording summary
progress epoch 13 step 179 image/sec 4.8 remaining 401m
discrim_loss 0.7916515
gen_loss_GAN 1.855527
gen_loss_L1 0.22709972
progress epoch 13 step 229 image/sec 4.8 remaining 401m
discrim_loss 0.7926678
gen_loss_GAN 1.865634
gen_loss_L1 0.2278038
recording summary
progress epoch 13 step 279 image/sec 4.8 remaining 401m
discrim_loss 0.7822651
gen_loss_GAN 1.9063125
gen_loss_L1 0.23888609
progress epoch 13 step 329 image/sec 4.8 remaining 401m
discrim_loss 0.7540185
gen_loss_GAN 1.8797415
gen_loss_L1 0.23284149
recording summary
progress epoch 13 step 380 image/sec 4.8 remaining 401m
discrim_loss 0.7275456
gen_loss_GAN 1.9030237
gen_loss_L1 0.24068275
progress epoch 13 step 429 image/sec 4.8 remaining 400m
discrim_loss 0.7387638
gen_loss_GAN 1.9061593

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gen_loss_L1 0.23877193
recording summary
progress epoch 13 step 479 image/sec 4.8 remaining 400m
discrim_loss 0.78509194
gen_loss_GAN 1.9052718
gen_loss_L1 0.24059027
progress epoch 13 step 529 image/sec 4.8 remaining 400m
discrim_loss 0.7804233
gen_loss_GAN 1.897896
gen_loss_L1 0.23379737
recording summary
progress epoch 13 step 579 image/sec 4.8 remaining 400m
discrim_loss 0.7467905
gen_loss_GAN 1.9200786
gen_loss_L1 0.23935881
progress epoch 13 step 629 image/sec 4.8 remaining 399m
discrim_loss 0.7662843
gen_loss_GAN 1.9456899
gen_loss_L1 0.23989749
recording summary
progress epoch 13 step 679 image/sec 4.8 remaining 400m
discrim_loss 0.73747027
gen_loss_GAN 1.9065781
gen_loss_L1 0.22772828
progress epoch 13 step 730 image/sec 4.8 remaining 399m
discrim_loss 0.7790072
gen_loss_GAN 1.9594666
gen_loss_L1 0.22701126
recording summary
progress epoch 13 step 780 image/sec 4.8 remaining 399m
discrim_loss 0.7814937
gen_loss_GAN 1.9053377
gen_loss_L1 0.22292042
progress epoch 13 step 830 image/sec 4.8 remaining 399m
discrim_loss 0.72874695
gen_loss_GAN 1.9372985
gen_loss_L1 0.23402989
recording summary
progress epoch 13 step 879 image/sec 4.8 remaining 399m
discrim_loss 0.6799978
gen_loss_GAN 1.9151176
gen_loss_L1 0.23575409
progress epoch 13 step 929 image/sec 4.8 remaining 398m
discrim_loss 0.67066765
gen_loss_GAN 1.9653659
gen_loss_L1 0.23379426
recording summary
progress epoch 13 step 979 image/sec 4.8 remaining 398m

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discrim_loss 0.68317384
gen_loss_GAN 1.9877053
gen_loss_L1 0.23475209
progress epoch 13 step 1029 image/sec 4.8 remaining 398m
discrim_loss 0.7510878
gen_loss_GAN 1.9438816
gen_loss_L1 0.23581143
recording summary
progress epoch 13 step 1079 image/sec 4.8 remaining 398m
discrim_loss 0.77788293
gen_loss_GAN 1.9640782
gen_loss_L1 0.24054569
progress epoch 13 step 1129 image/sec 4.8 remaining 398m
discrim_loss 0.7840129
gen_loss_GAN 1.900834
gen_loss_L1 0.22760668
recording summary
progress epoch 13 step 1179 image/sec 4.8 remaining 398m
discrim_loss 0.7137721
gen_loss_GAN 1.9147583
gen_loss_L1 0.22388141
progress epoch 13 step 1229 image/sec 4.8 remaining 397m
discrim_loss 0.75319153
gen_loss_GAN 1.9962121
gen_loss_L1 0.23367593
recording summary
progress epoch 13 step 1279 image/sec 4.8 remaining 397m
discrim_loss 0.8155467
gen_loss_GAN 1.9291853
gen_loss_L1 0.2219477
progress epoch 14 step 19 image/sec 4.8 remaining 397m
discrim_loss 0.7330245
gen_loss_GAN 1.9278889
gen_loss_L1 0.22757983
recording summary
progress epoch 14 step 69 image/sec 4.8 remaining 397m
discrim_loss 0.75291926
gen_loss_GAN 1.9132959
gen_loss_L1 0.22979008
progress epoch 14 step 119 image/sec 4.8 remaining 397m
discrim_loss 0.739192
gen_loss_GAN 1.9277778
gen_loss_L1 0.21440831
recording summary
progress epoch 14 step 169 image/sec 4.8 remaining 397m
discrim_loss 0.73631275
gen_loss_GAN 1.972296
gen_loss_L1 0.22328742

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progress epoch 14 step 219 image/sec 4.8 remaining 396m
discrim_loss 0.7979796
gen_loss_GAN 2.0639193
gen_loss_L1 0.22355887
recording summary
progress epoch 14 step 269 image/sec 4.8 remaining 396m
discrim_loss 0.7912976
gen_loss_GAN 1.97441
gen_loss_L1 0.22414961
progress epoch 14 step 319 image/sec 4.8 remaining 396m
discrim_loss 0.70745414
gen_loss_GAN 1.991716
gen_loss_L1 0.22574036
recording summary
progress epoch 14 step 369 image/sec 4.8 remaining 396m
discrim_loss 0.76791936
gen_loss_GAN 1.9063246
gen_loss_L1 0.22784244
progress epoch 14 step 419 image/sec 4.8 remaining 396m
discrim_loss 0.7448251
gen_loss_GAN 1.9188689
gen_loss_L1 0.23955917
recording summary
progress epoch 14 step 469 image/sec 4.8 remaining 396m
discrim_loss 0.704584
gen_loss_GAN 2.0712054
gen_loss_L1 0.24776568
progress epoch 14 step 519 image/sec 4.8 remaining 395m
discrim_loss 0.7545788
gen_loss_GAN 2.0575268
gen_loss_L1 0.24574055
recording summary
progress epoch 14 step 569 image/sec 4.8 remaining 395m
discrim_loss 0.8081724
gen_loss_GAN 2.0279908
gen_loss_L1 0.24497859
progress epoch 14 step 619 image/sec 4.8 remaining 395m
discrim_loss 0.84896976
gen_loss_GAN 1.9403799
gen_loss_L1 0.23828375
recording summary
progress epoch 14 step 670 image/sec 4.8 remaining 395m
discrim_loss 0.74947685
gen_loss_GAN 1.9461267
gen_loss_L1 0.23546794
progress epoch 14 step 720 image/sec 4.8 remaining 394m
discrim_loss 0.7007116
gen_loss_GAN 1.9398661

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gen_loss_L1 0.22527133
recording summary
progress epoch 14 step 770 image/sec 4.8 remaining 394m
discrim_loss 0.78753656
gen_loss_GAN 1.9231651
gen_loss_L1 0.23116939
progress epoch 14 step 819 image/sec 4.8 remaining 394m
discrim_loss 0.7364234
gen_loss_GAN 1.909321
gen_loss_L1 0.22297578
recording summary
progress epoch 14 step 870 image/sec 4.8 remaining 394m
discrim_loss 0.7464816
gen_loss_GAN 1.9067385
gen_loss_L1 0.22194324
progress epoch 14 step 919 image/sec 4.8 remaining 394m
discrim_loss 0.7939645
gen_loss_GAN 1.9102086
gen_loss_L1 0.22075039
recording summary
progress epoch 14 step 969 image/sec 4.8 remaining 394m
discrim_loss 0.79872066
gen_loss_GAN 1.8891269
gen_loss_L1 0.22032034
progress epoch 14 step 1019 image/sec 4.8 remaining 393m
discrim_loss 0.7659277
gen_loss_GAN 1.8634079
gen_loss_L1 0.22587202
recording summary
progress epoch 14 step 1070 image/sec 4.8 remaining 393m
discrim_loss 0.74448407
gen_loss_GAN 1.9310694
gen_loss_L1 0.23687455
progress epoch 14 step 1120 image/sec 4.8 remaining 393m
discrim_loss 0.76037323
gen_loss_GAN 1.9118983
gen_loss_L1 0.23084953
recording summary
progress epoch 14 step 1169 image/sec 4.8 remaining 393m
discrim_loss 0.73192793
gen_loss_GAN 1.8902632
gen_loss_L1 0.23710582
progress epoch 14 step 1219 image/sec 4.8 remaining 393m
discrim_loss 0.7487636
gen_loss_GAN 1.8791486
gen_loss_L1 0.23217635
recording summary
progress epoch 14 step 1269 image/sec 4.8 remaining 393m

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discrim_loss 0.78988993
gen_loss_GAN 1.9717352
gen_loss_L1 0.23571317
progress epoch 15 step 9 image/sec 4.8 remaining 392m
discrim_loss 0.7248209
gen_loss_GAN 1.9624307
gen_loss_L1 0.22996762
recording summary
progress epoch 15 step 59 image/sec 4.8 remaining 392m
discrim_loss 0.73812556
gen_loss_GAN 1.9294406
gen_loss_L1 0.22804263
progress epoch 15 step 109 image/sec 4.8 remaining 392m
discrim_loss 0.719828
gen_loss_GAN 1.9662664
gen_loss_L1 0.23751508
recording summary
progress epoch 15 step 160 image/sec 4.8 remaining 392m
discrim_loss 0.7808653
gen_loss_GAN 1.9232794
gen_loss_L1 0.23690356
progress epoch 15 step 209 image/sec 4.8 remaining 392m
discrim_loss 0.7641236
gen_loss_GAN 1.9317534
gen_loss_L1 0.23453882
recording summary
progress epoch 15 step 259 image/sec 4.8 remaining 392m
discrim_loss 0.7674215
gen_loss_GAN 1.9376593
gen_loss_L1 0.22330777
progress epoch 15 step 309 image/sec 4.8 remaining 391m
discrim_loss 0.7623962
gen_loss_GAN 1.9012923
gen_loss_L1 0.2303286
recording summary
progress epoch 15 step 360 image/sec 4.8 remaining 391m
discrim_loss 0.739414
gen_loss_GAN 1.8778167
gen_loss_L1 0.22818594
progress epoch 15 step 409 image/sec 4.8 remaining 391m
discrim_loss 0.7944208
gen_loss_GAN 1.8731582
gen_loss_L1 0.2244369
recording summary
progress epoch 15 step 459 image/sec 4.8 remaining 391m
discrim_loss 0.79974693
gen_loss_GAN 1.9387559
gen_loss_L1 0.21859646

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progress epoch 15 step 509 image/sec 4.8 remaining 391m
discrim_loss 0.7777416
gen_loss_GAN 1.8845499
gen_loss_L1 0.22468594
recording summary
progress epoch 15 step 559 image/sec 4.8 remaining 391m
discrim_loss 0.74828327
gen_loss_GAN 1.9235964
gen_loss_L1 0.23191348
progress epoch 15 step 609 image/sec 4.8 remaining 390m
discrim_loss 0.8160717
gen_loss_GAN 1.8860161
gen_loss_L1 0.22469197
recording summary
progress epoch 15 step 659 image/sec 4.8 remaining 390m
discrim_loss 0.73037755
gen_loss_GAN 1.9190617
gen_loss_L1 0.22757943
progress epoch 15 step 709 image/sec 4.8 remaining 390m
discrim_loss 0.8168959
gen_loss_GAN 1.9656726
gen_loss_L1 0.22883865
recording summary
progress epoch 15 step 760 image/sec 4.8 remaining 390m
discrim_loss 0.77207166
gen_loss_GAN 1.9341947
gen_loss_L1 0.23196639
progress epoch 15 step 809 image/sec 4.8 remaining 389m
discrim_loss 0.78994143
gen_loss_GAN 1.905639
gen_loss_L1 0.22830713
recording summary
progress epoch 15 step 859 image/sec 4.8 remaining 389m
discrim_loss 0.748681
gen_loss_GAN 1.9266156
gen_loss_L1 0.23258018
progress epoch 15 step 909 image/sec 4.8 remaining 389m
discrim_loss 0.8161906
gen_loss_GAN 1.970161
gen_loss_L1 0.2242065
recording summary
progress epoch 15 step 959 image/sec 4.8 remaining 389m
discrim_loss 0.78009814
gen_loss_GAN 2.0242782
gen_loss_L1 0.22506154
progress epoch 15 step 1010 image/sec 4.8 remaining 389m
discrim_loss 0.7965552
gen_loss_GAN 1.9495369

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gen_loss_L1 0.22592336
recording summary
progress epoch 15 step 1059 image/sec 4.8 remaining 389m
discrim_loss 0.7610508
gen_loss_GAN 1.9594471
gen_loss_L1 0.22991109
progress epoch 15 step 1109 image/sec 4.8 remaining 388m
discrim_loss 0.7619655
gen_loss_GAN 1.9481795
gen_loss_L1 0.23143134
recording summary
progress epoch 15 step 1159 image/sec 4.8 remaining 388m
discrim_loss 0.8387418
gen_loss_GAN 1.86953
gen_loss_L1 0.23547617
progress epoch 15 step 1209 image/sec 4.8 remaining 388m
discrim_loss 0.7013387
gen_loss_GAN 1.9295743
gen_loss_L1 0.24083586
recording summary
progress epoch 15 step 1259 image/sec 4.8 remaining 388m
discrim_loss 0.63116
gen_loss_GAN 1.957624
gen_loss_L1 0.24021535
progress epoch 15 step 1310 image/sec 4.8 remaining 388m
discrim_loss 0.6833761
gen_loss_GAN 2.0116746
gen_loss_L1 0.23607257
recording summary
progress epoch 16 step 50 image/sec 4.8 remaining 388m
discrim_loss 0.7104632
gen_loss_GAN 1.9875698
gen_loss_L1 0.23722754
progress epoch 16 step 99 image/sec 4.8 remaining 387m
discrim_loss 0.7571279
gen_loss_GAN 1.9749566
gen_loss_L1 0.24116518
recording summary
progress epoch 16 step 150 image/sec 4.8 remaining 387m
discrim_loss 0.7750868
gen_loss_GAN 1.9653041
gen_loss_L1 0.23610666
progress epoch 16 step 199 image/sec 4.8 remaining 387m
discrim_loss 0.76232034
gen_loss_GAN 2.0352423
gen_loss_L1 0.22919549
recording summary
progress epoch 16 step 250 image/sec 4.8 remaining 387m

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discrim_loss 0.78723794
gen_loss_GAN 1.9539437
gen_loss_L1 0.22743398
progress epoch 16 step 300 image/sec 4.8 remaining 386m
discrim_loss 0.7660091
gen_loss_GAN 1.8866364
gen_loss_L1 0.21491535
recording summary
progress epoch 16 step 350 image/sec 4.8 remaining 386m
discrim_loss 0.7778709
gen_loss_GAN 1.9503719
gen_loss_L1 0.21840279
saving model
progress epoch 16 step 399 image/sec 4.8 remaining 386m
discrim_loss 0.7856295
gen_loss_GAN 1.8943268
gen_loss_L1 0.22341047
recording summary
progress epoch 16 step 449 image/sec 4.8 remaining 386m
discrim_loss 0.73954827
gen_loss_GAN 1.9064481
gen_loss_L1 0.2281059
progress epoch 16 step 499 image/sec 4.8 remaining 386m
discrim_loss 0.7617791
gen_loss_GAN 1.912483
gen_loss_L1 0.22181958
recording summary
progress epoch 16 step 549 image/sec 4.8 remaining 386m
discrim_loss 0.75926983
gen_loss_GAN 1.9443839
gen_loss_L1 0.22290786
progress epoch 16 step 600 image/sec 4.8 remaining 386m
discrim_loss 0.7938879
gen_loss_GAN 1.9136629
gen_loss_L1 0.21771447
recording summary
progress epoch 16 step 650 image/sec 4.8 remaining 386m
discrim_loss 0.79143536
gen_loss_GAN 1.9170123
gen_loss_L1 0.2126464
progress epoch 16 step 699 image/sec 4.8 remaining 385m
discrim_loss 0.74003893
gen_loss_GAN 1.965426
gen_loss_L1 0.2237501
recording summary
progress epoch 16 step 749 image/sec 4.8 remaining 385m
discrim_loss 0.7598923
gen_loss_GAN 1.9664369

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gen_loss_L1 0.23029359
progress epoch 16 step 799 image/sec 4.8 remaining 385m
discrim_loss 0.7238996
gen_loss_GAN 1.9405005
gen_loss_L1 0.22521764
recording summary
progress epoch 16 step 849 image/sec 4.8 remaining 385m
discrim_loss 0.7678183
gen_loss_GAN 1.9158685
gen_loss_L1 0.23162556
progress epoch 16 step 899 image/sec 4.8 remaining 385m
discrim_loss 0.73364353
gen_loss_GAN 1.9476697
gen_loss_L1 0.23720309
recording summary
progress epoch 16 step 950 image/sec 4.8 remaining 385m
discrim_loss 0.7468534
gen_loss_GAN 1.9193529
gen_loss_L1 0.23228858
progress epoch 16 step 1000 image/sec 4.8 remaining 384m
discrim_loss 0.80152756
gen_loss_GAN 1.9418844
gen_loss_L1 0.24283445
recording summary
progress epoch 16 step 1049 image/sec 4.8 remaining 384m
discrim_loss 0.75656116
gen_loss_GAN 1.931763
gen_loss_L1 0.24134398
progress epoch 16 step 1099 image/sec 4.8 remaining 384m
discrim_loss 0.7815667
gen_loss_GAN 1.9020029
gen_loss_L1 0.22541514
recording summary
progress epoch 16 step 1149 image/sec 4.8 remaining 384m
discrim_loss 0.8105876
gen_loss_GAN 1.8530833
gen_loss_L1 0.22005579
progress epoch 16 step 1199 image/sec 4.8 remaining 384m
discrim_loss 0.778969
gen_loss_GAN 1.8513767
gen_loss_L1 0.22652522
recording summary
progress epoch 16 step 1249 image/sec 4.8 remaining 384m
discrim_loss 0.7307097
gen_loss_GAN 1.8248811
gen_loss_L1 0.23490912
progress epoch 16 step 1299 image/sec 4.8 remaining 383m
discrim_loss 0.68209964

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gen_loss_GAN 1.9579623
gen_loss_L1 0.23667622
recording summary
progress epoch 17 step 39 image/sec 4.8 remaining 383m
discrim_loss 0.72223276
gen_loss_GAN 1.97515
gen_loss_L1 0.23746419
progress epoch 17 step 89 image/sec 4.8 remaining 383m
discrim_loss 0.7337884
gen_loss_GAN 1.9847255
gen_loss_L1 0.2317757
recording summary
progress epoch 17 step 139 image/sec 4.8 remaining 383m
discrim_loss 0.802266
gen_loss_GAN 1.9931219
gen_loss_L1 0.22042362
progress epoch 17 step 189 image/sec 4.8 remaining 382m
discrim_loss 0.78381556
gen_loss_GAN 1.9651016
gen_loss_L1 0.22110647
recording summary
progress epoch 17 step 240 image/sec 4.8 remaining 382m
discrim_loss 0.7607525
gen_loss_GAN 1.8957213
gen_loss_L1 0.22171031
progress epoch 17 step 289 image/sec 4.8 remaining 382m
discrim_loss 0.7780306
gen_loss_GAN 1.9007756
gen_loss_L1 0.21597193
recording summary
progress epoch 17 step 339 image/sec 4.8 remaining 382m
discrim_loss 0.72127014
gen_loss_GAN 1.9516014
gen_loss_L1 0.22110888
progress epoch 17 step 390 image/sec 4.8 remaining 382m
discrim_loss 0.80250084
gen_loss_GAN 1.9675456
gen_loss_L1 0.21759653
recording summary
progress epoch 17 step 439 image/sec 4.8 remaining 382m
discrim_loss 0.72304314
gen_loss_GAN 1.9925057
gen_loss_L1 0.22899042
progress epoch 17 step 490 image/sec 4.8 remaining 381m
discrim_loss 0.76864916
gen_loss_GAN 1.9889498
gen_loss_L1 0.23122515
recording summary

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progress epoch 17 step 540 image/sec 4.8 remaining 381m
discrim_loss 0.748812
gen_loss_GAN 2.0394406
gen_loss_L1 0.23719643
progress epoch 17 step 589 image/sec 4.8 remaining 381m
discrim_loss 0.73453134
gen_loss_GAN 2.0122004
gen_loss_L1 0.2389333
recording summary
progress epoch 17 step 639 image/sec 4.8 remaining 381m
discrim_loss 0.7696598
gen_loss_GAN 1.9753033
gen_loss_L1 0.22992718
progress epoch 17 step 689 image/sec 4.8 remaining 381m
discrim_loss 0.71127975
gen_loss_GAN 1.9750073
gen_loss_L1 0.23260175
recording summary
progress epoch 17 step 739 image/sec 4.8 remaining 381m
discrim_loss 0.7259455
gen_loss_GAN 1.9673595
gen_loss_L1 0.22619893
progress epoch 17 step 790 image/sec 4.8 remaining 380m
discrim_loss 0.75189036
gen_loss_GAN 1.9486171
gen_loss_L1 0.22027743
recording summary
progress epoch 17 step 840 image/sec 4.8 remaining 380m
discrim_loss 0.7165225
gen_loss_GAN 2.0389657
gen_loss_L1 0.22865932
progress epoch 17 step 890 image/sec 4.8 remaining 380m
discrim_loss 0.7450564
gen_loss_GAN 2.0583396
gen_loss_L1 0.22355147
recording summary
progress epoch 17 step 939 image/sec 4.8 remaining 380m
discrim_loss 0.7465309
gen_loss_GAN 2.0051608
gen_loss_L1 0.23717293
progress epoch 17 step 989 image/sec 4.8 remaining 380m
discrim_loss 0.773233
gen_loss_GAN 1.9644786
gen_loss_L1 0.2289263
recording summary
progress epoch 17 step 1040 image/sec 4.8 remaining 380m
discrim_loss 0.7841126
gen_loss_GAN 1.936781

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gen_loss_L1 0.24112205
progress epoch 17 step 1089 image/sec 4.8 remaining 379m
discrim_loss 0.8120252
gen_loss_GAN 1.9945421
gen_loss_L1 0.23961318
recording summary
progress epoch 17 step 1139 image/sec 4.8 remaining 379m
discrim_loss 0.7811145
gen_loss_GAN 1.9512205
gen_loss_L1 0.232181
progress epoch 17 step 1189 image/sec 4.8 remaining 379m
discrim_loss 0.74965036
gen_loss_GAN 1.9541941
gen_loss_L1 0.23155811
recording summary
progress epoch 17 step 1239 image/sec 4.8 remaining 379m
discrim_loss 0.7658649
gen_loss_GAN 1.8890808
gen_loss_L1 0.2294417
progress epoch 17 step 1289 image/sec 4.8 remaining 379m
discrim_loss 0.7721836
gen_loss_GAN 1.9169303
gen_loss_L1 0.22715047
recording summary
progress epoch 18 step 29 image/sec 4.8 remaining 378m
discrim_loss 0.8023758
gen_loss_GAN 1.9622062
gen_loss_L1 0.22619379
progress epoch 18 step 79 image/sec 4.8 remaining 378m
discrim_loss 0.7424352
gen_loss_GAN 1.9712986
gen_loss_L1 0.22459997
recording summary
progress epoch 18 step 129 image/sec 4.8 remaining 378m
discrim_loss 0.71962017
gen_loss_GAN 1.9090369
gen_loss_L1 0.22852828
progress epoch 18 step 179 image/sec 4.8 remaining 378m
discrim_loss 0.6918181
gen_loss_GAN 1.9783654
gen_loss_L1 0.23423721
recording summary
progress epoch 18 step 229 image/sec 4.8 remaining 378m
discrim_loss 0.7064778
gen_loss_GAN 1.9842283
gen_loss_L1 0.2237356
progress epoch 18 step 279 image/sec 4.8 remaining 377m
discrim_loss 0.7129879

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gen_loss_GAN 1.9713137
gen_loss_L1 0.2246579
recording summary
progress epoch 18 step 329 image/sec 4.8 remaining 377m
discrim_loss 0.7454407
gen_loss_GAN 1.9275235
gen_loss_L1 0.22998711
progress epoch 18 step 379 image/sec 4.8 remaining 377m
discrim_loss 0.75802714
gen_loss_GAN 1.9690621
gen_loss_L1 0.22416572
recording summary
progress epoch 18 step 429 image/sec 4.8 remaining 377m
discrim_loss 0.70051515
gen_loss_GAN 1.9757586
gen_loss_L1 0.22825368
progress epoch 18 step 480 image/sec 4.8 remaining 377m
discrim_loss 0.71803415
gen_loss_GAN 1.9926813
gen_loss_L1 0.23213844
recording summary
progress epoch 18 step 530 image/sec 4.8 remaining 377m
discrim_loss 0.81041306
gen_loss_GAN 1.9545826
gen_loss_L1 0.23727448
progress epoch 18 step 579 image/sec 4.8 remaining 376m
discrim_loss 0.7901302
gen_loss_GAN 1.9282244
gen_loss_L1 0.22863701
recording summary
progress epoch 18 step 629 image/sec 4.8 remaining 376m
discrim_loss 0.80232674
gen_loss_GAN 1.8690284
gen_loss_L1 0.21574326
progress epoch 18 step 680 image/sec 4.8 remaining 376m
discrim_loss 0.80548066
gen_loss_GAN 1.8772287
gen_loss_L1 0.22283612
recording summary
progress epoch 18 step 729 image/sec 4.8 remaining 376m
discrim_loss 0.76963824
gen_loss_GAN 1.8631071
gen_loss_L1 0.22063464
progress epoch 18 step 779 image/sec 4.8 remaining 376m
discrim_loss 0.8089238
gen_loss_GAN 1.8820312
gen_loss_L1 0.22314747
recording summary

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progress epoch 18 step 829 image/sec 4.8 remaining 376m
discrim_loss 0.78778833
gen_loss_GAN 1.8826617
gen_loss_L1 0.22285034
progress epoch 18 step 879 image/sec 4.8 remaining 375m
discrim_loss 0.7714457
gen_loss_GAN 1.927899
gen_loss_L1 0.220598
recording summary
progress epoch 18 step 929 image/sec 4.8 remaining 375m
discrim_loss 0.7344138
gen_loss_GAN 1.9752723
gen_loss_L1 0.230219
progress epoch 18 step 979 image/sec 4.8 remaining 375m
discrim_loss 0.7258999
gen_loss_GAN 2.0514526
gen_loss_L1 0.23502085
recording summary
progress epoch 18 step 1030 image/sec 4.8 remaining 375m
discrim_loss 0.6910013
gen_loss_GAN 2.0529306
gen_loss_L1 0.23372178
progress epoch 18 step 1079 image/sec 4.8 remaining 375m
discrim_loss 0.6677365
gen_loss_GAN 2.0267534
gen_loss_L1 0.22429962
recording summary
progress epoch 18 step 1129 image/sec 4.8 remaining 374m
discrim_loss 0.75999814
gen_loss_GAN 2.092044
gen_loss_L1 0.23142055
progress epoch 18 step 1179 image/sec 4.8 remaining 374m
discrim_loss 0.80523604
gen_loss_GAN 2.0231717
gen_loss_L1 0.23761666
recording summary
progress epoch 18 step 1229 image/sec 4.8 remaining 374m
discrim_loss 0.8078192
gen_loss_GAN 2.0004015
gen_loss_L1 0.22591287
progress epoch 18 step 1279 image/sec 4.8 remaining 374m
discrim_loss 0.7531067
gen_loss_GAN 2.0471158
gen_loss_L1 0.23182695
recording summary
progress epoch 19 step 19 image/sec 4.8 remaining 374m
discrim_loss 0.7771739
gen_loss_GAN 1.9804703

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gen_loss_L1 0.22182143
progress epoch 19 step 69 image/sec 4.8 remaining 373m
discrim_loss 0.7644308
gen_loss_GAN 2.0096583
gen_loss_L1 0.2208572
recording summary
progress epoch 19 step 120 image/sec 4.8 remaining 373m
discrim_loss 0.8102123
gen_loss_GAN 1.9601897
gen_loss_L1 0.2284131
progress epoch 19 step 169 image/sec 4.8 remaining 373m
discrim_loss 0.7526723
gen_loss_GAN 1.9783213
gen_loss_L1 0.23465632
recording summary
progress epoch 19 step 219 image/sec 4.8 remaining 373m
discrim_loss 0.8082217
gen_loss_GAN 1.9307166
gen_loss_L1 0.22317924
progress epoch 19 step 269 image/sec 4.8 remaining 373m
discrim_loss 0.8036231
gen_loss_GAN 1.9082637
gen_loss_L1 0.22537534
recording summary
progress epoch 19 step 320 image/sec 4.8 remaining 373m
discrim_loss 0.7646839
gen_loss_GAN 1.8977199
gen_loss_L1 0.21914685
progress epoch 19 step 370 image/sec 4.8 remaining 372m
discrim_loss 0.8311828
gen_loss_GAN 1.8762019
gen_loss_L1 0.21587008
recording summary
progress epoch 19 step 419 image/sec 4.8 remaining 372m
discrim_loss 0.77081066
gen_loss_GAN 1.9054344
gen_loss_L1 0.21960364
progress epoch 19 step 469 image/sec 4.8 remaining 372m
discrim_loss 0.7504556
gen_loss_GAN 1.9079387
gen_loss_L1 0.22516829
recording summary
progress epoch 19 step 520 image/sec 4.8 remaining 372m
discrim_loss 0.7925845
gen_loss_GAN 1.8975036
gen_loss_L1 0.22052532
progress epoch 19 step 569 image/sec 4.8 remaining 372m
discrim_loss 0.7989657

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gen_loss_GAN 1.8929195
gen_loss_L1 0.21390575
recording summary
progress epoch 19 step 619 image/sec 4.8 remaining 372m
discrim_loss 0.72349316
gen_loss_GAN 1.9632208
gen_loss_L1 0.21831702
progress epoch 19 step 669 image/sec 4.8 remaining 371m
discrim_loss 0.7659016
gen_loss_GAN 1.9385955
gen_loss_L1 0.22141585
recording summary
progress epoch 19 step 719 image/sec 4.8 remaining 371m
discrim_loss 0.77036303
gen_loss_GAN 1.9320772
gen_loss_L1 0.21577041
progress epoch 19 step 770 image/sec 4.8 remaining 371m
discrim_loss 0.7441726
gen_loss_GAN 1.941326
gen_loss_L1 0.2199575
recording summary
progress epoch 19 step 819 image/sec 4.8 remaining 371m
discrim_loss 0.7462094
gen_loss_GAN 1.9715505
gen_loss_L1 0.21984549
progress epoch 19 step 869 image/sec 4.8 remaining 371m
discrim_loss 0.7576076
gen_loss_GAN 1.9674628
gen_loss_L1 0.23458473
recording summary
progress epoch 19 step 919 image/sec 4.8 remaining 371m
discrim_loss 0.7930829
gen_loss_GAN 1.8866286
gen_loss_L1 0.2289245
progress epoch 19 step 969 image/sec 4.8 remaining 370m
discrim_loss 0.7351876
gen_loss_GAN 1.8943168
gen_loss_L1 0.23716046
recording summary
progress epoch 19 step 1019 image/sec 4.8 remaining 370m
discrim_loss 0.71054035
gen_loss_GAN 1.9517729
gen_loss_L1 0.23763691
progress epoch 19 step 1069 image/sec 4.8 remaining 370m
discrim_loss 0.7065881
gen_loss_GAN 2.019365
gen_loss_L1 0.23628461
recording summary

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progress epoch 19 step 1119 image/sec 4.8 remaining 370m
discrim_loss 0.7465013
gen_loss_GAN 2.022678
gen_loss_L1 0.22938387
progress epoch 19 step 1169 image/sec 4.8 remaining 370m
discrim_loss 0.7329572
gen_loss_GAN 1.9973075
gen_loss_L1 0.2246838
recording summary
progress epoch 19 step 1219 image/sec 4.8 remaining 370m
discrim_loss 0.7733168
gen_loss_GAN 1.9737712
gen_loss_L1 0.22958939
progress epoch 19 step 1269 image/sec 4.8 remaining 369m
discrim_loss 0.7699006
gen_loss_GAN 1.9542154
gen_loss_L1 0.23472042
recording summary
progress epoch 20 step 9 image/sec 4.8 remaining 369m
discrim_loss 0.68888235
gen_loss_GAN 1.9692036
gen_loss_L1 0.23289064
progress epoch 20 step 59 image/sec 4.8 remaining 369m
discrim_loss 0.69511974
gen_loss_GAN 1.9281428
gen_loss_L1 0.2305519
recording summary
progress epoch 20 step 109 image/sec 4.8 remaining 369m
discrim_loss 0.7710671
gen_loss_GAN 1.8852023
gen_loss_L1 0.22936586
saving model
progress epoch 20 step 159 image/sec 4.8 remaining 369m
discrim_loss 0.7021048
gen_loss_GAN 2.0184054
gen_loss_L1 0.22759986
recording summary
progress epoch 20 step 210 image/sec 4.8 remaining 369m
discrim_loss 0.7685653
gen_loss_GAN 2.0268097
gen_loss_L1 0.21870375
progress epoch 20 step 259 image/sec 4.8 remaining 368m
discrim_loss 0.7532429
gen_loss_GAN 2.0143678
gen_loss_L1 0.2310752
recording summary
progress epoch 20 step 309 image/sec 4.8 remaining 368m
discrim_loss 0.74650687

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gen_loss_GAN 1.9907331
gen_loss_L1 0.23120809
progress epoch 20 step 359 image/sec 4.8 remaining 368m
discrim_loss 0.7449189
gen_loss_GAN 1.9482896
gen_loss_L1 0.21382783
recording summary
progress epoch 20 step 409 image/sec 4.8 remaining 368m
discrim_loss 0.7608782
gen_loss_GAN 1.9633037
gen_loss_L1 0.22949144
progress epoch 20 step 459 image/sec 4.8 remaining 368m
discrim_loss 0.72520065
gen_loss_GAN 2.081273
gen_loss_L1 0.23455438
recording summary
progress epoch 20 step 509 image/sec 4.8 remaining 368m
discrim_loss 0.7056666
gen_loss_GAN 2.085523
gen_loss_L1 0.2360953
progress epoch 20 step 559 image/sec 4.8 remaining 367m
discrim_loss 0.7290181
gen_loss_GAN 1.9809294
gen_loss_L1 0.24666382
recording summary
progress epoch 20 step 609 image/sec 4.8 remaining 367m
discrim_loss 0.7751492
gen_loss_GAN 1.921793
gen_loss_L1 0.22679481
progress epoch 20 step 659 image/sec 4.8 remaining 367m
discrim_loss 0.7442409
gen_loss_GAN 1.9204205
gen_loss_L1 0.23336947
recording summary
progress epoch 20 step 710 image/sec 4.8 remaining 367m
discrim_loss 0.738065
gen_loss_GAN 1.934363
gen_loss_L1 0.22923209
progress epoch 20 step 760 image/sec 4.8 remaining 367m
discrim_loss 0.77842087
gen_loss_GAN 1.9288601
gen_loss_L1 0.22677572
recording summary
progress epoch 20 step 810 image/sec 4.8 remaining 367m
discrim_loss 0.7391151
gen_loss_GAN 1.9549115
gen_loss_L1 0.23231363
progress epoch 20 step 859 image/sec 4.8 remaining 366m

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discrim_loss 0.7595954
gen_loss_GAN 2.0321226
gen_loss_L1 0.22779745
recording summary
progress epoch 20 step 909 image/sec 4.8 remaining 366m
discrim_loss 0.8124546
gen_loss_GAN 1.9812396
gen_loss_L1 0.22952726
progress epoch 20 step 959 image/sec 4.8 remaining 366m
discrim_loss 0.76058686
gen_loss_GAN 1.9732254
gen_loss_L1 0.23635441
recording summary
progress epoch 20 step 1010 image/sec 4.8 remaining 366m
discrim_loss 0.7397257
gen_loss_GAN 2.0011082
gen_loss_L1 0.23343089
progress epoch 20 step 1059 image/sec 4.8 remaining 366m
discrim_loss 0.7104132
gen_loss_GAN 1.9798176
gen_loss_L1 0.2210534
recording summary
progress epoch 20 step 1110 image/sec 4.8 remaining 365m
discrim_loss 0.7658926
gen_loss_GAN 1.9152085
gen_loss_L1 0.22389098
progress epoch 20 step 1159 image/sec 4.8 remaining 365m
discrim_loss 0.76571876
gen_loss_GAN 1.9163014
gen_loss_L1 0.22534415
recording summary
progress epoch 20 step 1209 image/sec 4.8 remaining 365m
discrim_loss 0.7285443
gen_loss_GAN 1.9593208
gen_loss_L1 0.22265446
progress epoch 20 step 1260 image/sec 4.8 remaining 365m
discrim_loss 0.6855412
gen_loss_GAN 1.9566289
gen_loss_L1 0.21811485
recording summary
progress epoch 20 step 1309 image/sec 4.8 remaining 365m
discrim_loss 0.6945642
gen_loss_GAN 1.981204
gen_loss_L1 0.2203378
progress epoch 21 step 50 image/sec 4.8 remaining 364m
discrim_loss 0.68680024
gen_loss_GAN 2.081181
gen_loss_L1 0.23963772

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recording summary
progress epoch 21 step 99 image/sec 4.8 remaining 364m
discrim_loss 0.6920622
gen_loss_GAN 2.0892391
gen_loss_L1 0.23121028
progress epoch 21 step 150 image/sec 4.8 remaining 364m
discrim_loss 0.7205568
gen_loss_GAN 2.0663202
gen_loss_L1 0.22949933
recording summary
progress epoch 21 step 199 image/sec 4.8 remaining 364m
discrim_loss 0.7787937
gen_loss_GAN 2.027695
gen_loss_L1 0.23174427
progress epoch 21 step 250 image/sec 4.8 remaining 364m
discrim_loss 0.8440805
gen_loss_GAN 1.9940746
gen_loss_L1 0.22356333
recording summary
progress epoch 21 step 299 image/sec 4.8 remaining 364m
discrim_loss 0.75561726
gen_loss_GAN 1.9787664
gen_loss_L1 0.22358024
progress epoch 21 step 349 image/sec 4.8 remaining 363m
discrim_loss 0.7430492
gen_loss_GAN 1.9909531
gen_loss_L1 0.21812208
recording summary
progress epoch 21 step 399 image/sec 4.8 remaining 363m
discrim_loss 0.78545326
gen_loss_GAN 1.9029062
gen_loss_L1 0.21788302
progress epoch 21 step 449 image/sec 4.8 remaining 363m
discrim_loss 0.78136516
gen_loss_GAN 1.9166065
gen_loss_L1 0.22143987
recording summary
progress epoch 21 step 499 image/sec 4.8 remaining 363m
discrim_loss 0.7005539
gen_loss_GAN 1.976158
gen_loss_L1 0.23574415
progress epoch 21 step 549 image/sec 4.8 remaining 363m
discrim_loss 0.6797187
gen_loss_GAN 2.0622423
gen_loss_L1 0.23064396
recording summary
progress epoch 21 step 599 image/sec 4.8 remaining 363m
discrim_loss 0.8015503

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gen_loss_GAN 1.9732232
gen_loss_L1 0.21946394
progress epoch 21 step 649 image/sec 4.8 remaining 362m
discrim_loss 0.80367684
gen_loss_GAN 1.9128118
gen_loss_L1 0.2220189
recording summary
progress epoch 21 step 699 image/sec 4.8 remaining 362m
discrim_loss 0.738557
gen_loss_GAN 1.9349611
gen_loss_L1 0.22386356
progress epoch 21 step 749 image/sec 4.8 remaining 362m
discrim_loss 0.7136088
gen_loss_GAN 1.9266031
gen_loss_L1 0.22609575
recording summary
progress epoch 21 step 799 image/sec 4.8 remaining 362m
discrim_loss 0.709657
gen_loss_GAN 2.0020583
gen_loss_L1 0.2342441
progress epoch 21 step 849 image/sec 4.8 remaining 362m
discrim_loss 0.75506264
gen_loss_GAN 1.974052
gen_loss_L1 0.23102272
recording summary
progress epoch 21 step 899 image/sec 4.8 remaining 362m
discrim_loss 0.71535003
gen_loss_GAN 2.0180438
gen_loss_L1 0.22440009
progress epoch 21 step 949 image/sec 4.8 remaining 361m
discrim_loss 0.7356266
gen_loss_GAN 1.940857
gen_loss_L1 0.22328587
recording summary
progress epoch 21 step 999 image/sec 4.8 remaining 361m
discrim_loss 0.783963
gen_loss_GAN 1.9246497
gen_loss_L1 0.221218
progress epoch 21 step 1049 image/sec 4.8 remaining 361m
discrim_loss 0.7901775
gen_loss_GAN 1.8958051
gen_loss_L1 0.22186857
recording summary
progress epoch 21 step 1099 image/sec 4.8 remaining 361m
discrim_loss 0.7124423
gen_loss_GAN 1.9295021
gen_loss_L1 0.22642173
progress epoch 21 step 1150 image/sec 4.8 remaining 361m

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discrim_loss 0.689453
gen_loss_GAN 1.9916862
gen_loss_L1 0.22771287
recording summary
progress epoch 21 step 1199 image/sec 4.8 remaining 361m
discrim_loss 0.71779525
gen_loss_GAN 1.9957131
gen_loss_L1 0.22291568
progress epoch 21 step 1249 image/sec 4.8 remaining 360m
discrim_loss 0.6921114
gen_loss_GAN 1.9788619
gen_loss_L1 0.22121091
recording summary
progress epoch 21 step 1299 image/sec 4.8 remaining 360m
discrim_loss 0.6692389
gen_loss_GAN 2.0093496
gen_loss_L1 0.21799052
progress epoch 22 step 40 image/sec 4.8 remaining 360m
discrim_loss 0.80277073
gen_loss_GAN 1.9989402
gen_loss_L1 0.20583382
recording summary
progress epoch 22 step 89 image/sec 4.8 remaining 360m
discrim_loss 0.796907
gen_loss_GAN 2.0492547
gen_loss_L1 0.21156645
progress epoch 22 step 139 image/sec 4.8 remaining 360m
discrim_loss 0.7851188
gen_loss_GAN 2.0008283
gen_loss_L1 0.22255436
recording summary
progress epoch 22 step 189 image/sec 4.8 remaining 359m
discrim_loss 0.7669422
gen_loss_GAN 2.0298316
gen_loss_L1 0.22270977
progress epoch 22 step 239 image/sec 4.8 remaining 359m
discrim_loss 0.7737277
gen_loss_GAN 2.007578
gen_loss_L1 0.21964146
recording summary
progress epoch 22 step 289 image/sec 4.8 remaining 359m
discrim_loss 0.7920783
gen_loss_GAN 1.95174
gen_loss_L1 0.21691656
progress epoch 22 step 339 image/sec 4.8 remaining 359m
discrim_loss 0.79088205
gen_loss_GAN 1.9502292
gen_loss_L1 0.21327929

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recording summary
progress epoch 22 step 389 image/sec 4.8 remaining 359m
discrim_loss 0.78967845
gen_loss_GAN 1.9452062
gen_loss_L1 0.22751656
progress epoch 22 step 439 image/sec 4.8 remaining 358m
discrim_loss 0.7530741
gen_loss_GAN 1.9188825
gen_loss_L1 0.21855825
recording summary
progress epoch 22 step 490 image/sec 4.8 remaining 358m
discrim_loss 0.7757414
gen_loss_GAN 1.9116317
gen_loss_L1 0.22480321
progress epoch 22 step 539 image/sec 4.8 remaining 358m
discrim_loss 0.6827188
gen_loss_GAN 1.9577471
gen_loss_L1 0.23416299
recording summary
progress epoch 22 step 589 image/sec 4.8 remaining 358m
discrim_loss 0.6981807
gen_loss_GAN 1.9609345
gen_loss_L1 0.2288813
progress epoch 22 step 640 image/sec 4.8 remaining 358m
discrim_loss 0.7456022
gen_loss_GAN 1.9746255
gen_loss_L1 0.21999483
recording summary
progress epoch 22 step 689 image/sec 4.8 remaining 358m
discrim_loss 0.7393271
gen_loss_GAN 1.9652013
gen_loss_L1 0.2228558
progress epoch 22 step 739 image/sec 4.8 remaining 357m
discrim_loss 0.7303877
gen_loss_GAN 1.9270023
gen_loss_L1 0.23119548
recording summary
progress epoch 22 step 789 image/sec 4.8 remaining 357m
discrim_loss 0.7203319
gen_loss_GAN 1.9888159
gen_loss_L1 0.2332357
progress epoch 22 step 839 image/sec 4.8 remaining 357m
discrim_loss 0.6913239
gen_loss_GAN 2.0398169
gen_loss_L1 0.23881972
recording summary
progress epoch 22 step 890 image/sec 4.8 remaining 357m
discrim_loss 0.6729343

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gen_loss_GAN 2.1087449
gen_loss_L1 0.23936568
progress epoch 22 step 940 image/sec 4.8 remaining 357m
discrim_loss 0.67055076
gen_loss_GAN 2.1425204
gen_loss_L1 0.23995356
recording summary
progress epoch 22 step 990 image/sec 4.8 remaining 357m
discrim_loss 0.6823367
gen_loss_GAN 2.1184795
gen_loss_L1 0.23950651
progress epoch 22 step 1039 image/sec 4.8 remaining 356m
discrim_loss 0.7139192
gen_loss_GAN 2.0912957
gen_loss_L1 0.23605832
recording summary
progress epoch 22 step 1089 image/sec 4.8 remaining 356m
discrim_loss 0.7628846
gen_loss_GAN 1.9836358
gen_loss_L1 0.22607967
progress epoch 22 step 1139 image/sec 4.8 remaining 356m
discrim_loss 0.7780266
gen_loss_GAN 1.9621977
gen_loss_L1 0.21851583
recording summary
progress epoch 22 step 1189 image/sec 4.8 remaining 356m
discrim_loss 0.7543479
gen_loss_GAN 1.9351422
gen_loss_L1 0.22518414
progress epoch 22 step 1239 image/sec 4.8 remaining 356m
discrim_loss 0.7202335
gen_loss_GAN 1.9696267
gen_loss_L1 0.21841563
recording summary
progress epoch 22 step 1289 image/sec 4.8 remaining 356m
discrim_loss 0.76845634
gen_loss_GAN 1.9129142
gen_loss_L1 0.21948384
progress epoch 23 step 30 image/sec 4.8 remaining 355m
discrim_loss 0.70509714
gen_loss_GAN 2.005796
gen_loss_L1 0.21203184
recording summary
progress epoch 23 step 79 image/sec 4.8 remaining 355m
discrim_loss 0.756683
gen_loss_GAN 1.9722642
gen_loss_L1 0.20589554
progress epoch 23 step 130 image/sec 4.8 remaining 355m

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discrim_loss 0.7477954
gen_loss_GAN 1.9784054
gen_loss_L1 0.20999527
recording summary
progress epoch 23 step 179 image/sec 4.8 remaining 355m
discrim_loss 0.77511454
gen_loss_GAN 2.0087113
gen_loss_L1 0.2140776
progress epoch 23 step 229 image/sec 4.8 remaining 355m
discrim_loss 0.79821634
gen_loss_GAN 2.0545998
gen_loss_L1 0.212085
recording summary
progress epoch 23 step 280 image/sec 4.8 remaining 355m
discrim_loss 0.7901001
gen_loss_GAN 2.0075085
gen_loss_L1 0.21949849
progress epoch 23 step 329 image/sec 4.8 remaining 354m
discrim_loss 0.78751975
gen_loss_GAN 1.9603406
gen_loss_L1 0.2164876
recording summary
progress epoch 23 step 379 image/sec 4.8 remaining 354m
discrim_loss 0.79670376
gen_loss_GAN 1.958991
gen_loss_L1 0.22675902
progress epoch 23 step 429 image/sec 4.8 remaining 354m
discrim_loss 0.77309436
gen_loss_GAN 2.0179827
gen_loss_L1 0.22625704
recording summary
progress epoch 23 step 480 image/sec 4.8 remaining 354m
discrim_loss 0.72451663
gen_loss_GAN 1.989389
gen_loss_L1 0.22056781
progress epoch 23 step 529 image/sec 4.8 remaining 354m
discrim_loss 0.75088835
gen_loss_GAN 1.9466581
gen_loss_L1 0.22282715
recording summary
progress epoch 23 step 579 image/sec 4.8 remaining 353m
discrim_loss 0.7340824
gen_loss_GAN 1.9726156
gen_loss_L1 0.2172893
progress epoch 23 step 630 image/sec 4.8 remaining 353m
discrim_loss 0.7370445
gen_loss_GAN 2.028886
gen_loss_L1 0.21152285

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recording summary
progress epoch 23 step 680 image/sec 4.8 remaining 353m
discrim_loss 0.7188449
gen_loss_GAN 2.0495322
gen_loss_L1 0.22341643
progress epoch 23 step 730 image/sec 4.8 remaining 353m
discrim_loss 0.71940154
gen_loss_GAN 2.0490847
gen_loss_L1 0.22540942
recording summary
progress epoch 23 step 779 image/sec 4.8 remaining 353m
discrim_loss 0.7597617
gen_loss_GAN 2.087249
gen_loss_L1 0.22575721
progress epoch 23 step 829 image/sec 4.8 remaining 352m
discrim_loss 0.75392675
gen_loss_GAN 2.0919275
gen_loss_L1 0.2344727
recording summary
progress epoch 23 step 879 image/sec 4.8 remaining 352m
discrim_loss 0.6833271
gen_loss_GAN 2.0787485
gen_loss_L1 0.24415699
progress epoch 23 step 930 image/sec 4.8 remaining 352m
discrim_loss 0.6956561
gen_loss_GAN 2.0251188
gen_loss_L1 0.23635486
recording summary
progress epoch 23 step 979 image/sec 4.8 remaining 352m
discrim_loss 0.68435174
gen_loss_GAN 2.04179
gen_loss_L1 0.24209519
progress epoch 23 step 1030 image/sec 4.8 remaining 352m
discrim_loss 0.7332962
gen_loss_GAN 2.0662634
gen_loss_L1 0.2379174
recording summary
progress epoch 23 step 1079 image/sec 4.8 remaining 352m
discrim_loss 0.83103794
gen_loss_GAN 1.9923822
gen_loss_L1 0.22737859
progress epoch 23 step 1129 image/sec 4.8 remaining 351m
discrim_loss 0.80217093
gen_loss_GAN 1.9455729
gen_loss_L1 0.22467972
recording summary
progress epoch 23 step 1179 image/sec 4.8 remaining 351m
discrim_loss 0.73299325

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gen_loss_GAN 1.9854591
gen_loss_L1 0.23036483
saving model
progress epoch 23 step 1229 image/sec 4.8 remaining 351m
discrim_loss 0.73141545
gen_loss_GAN 1.9510307
gen_loss_L1 0.22098029
recording summary
progress epoch 23 step 1279 image/sec 4.8 remaining 351m
discrim_loss 0.7279222
gen_loss_GAN 1.99603
gen_loss_L1 0.2212882
progress epoch 24 step 19 image/sec 4.8 remaining 351m
discrim_loss 0.7635445
gen_loss_GAN 2.029587
gen_loss_L1 0.22298135
recording summary
progress epoch 24 step 69 image/sec 4.8 remaining 351m
discrim_loss 0.7536579
gen_loss_GAN 1.9980849
gen_loss_L1 0.22387746
progress epoch 24 step 119 image/sec 4.8 remaining 350m
discrim_loss 0.68869567
gen_loss_GAN 1.98123
gen_loss_L1 0.2171647
recording summary
progress epoch 24 step 169 image/sec 4.8 remaining 350m
discrim_loss 0.6874168
gen_loss_GAN 2.0191243
gen_loss_L1 0.22511289
progress epoch 24 step 220 image/sec 4.8 remaining 350m
discrim_loss 0.6892139
gen_loss_GAN 1.9337841
gen_loss_L1 0.21758445
recording summary
progress epoch 24 step 270 image/sec 4.8 remaining 350m
discrim_loss 0.7160268
gen_loss_GAN 1.9942544
gen_loss_L1 0.2256389
progress epoch 24 step 319 image/sec 4.8 remaining 350m
discrim_loss 0.7791644
gen_loss_GAN 1.9806247
gen_loss_L1 0.22627039
recording summary
progress epoch 24 step 369 image/sec 4.8 remaining 350m
discrim_loss 0.7607216
gen_loss_GAN 1.9813455
gen_loss_L1 0.22542854

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progress epoch 24 step 420 image/sec 4.8 remaining 349m
discrim_loss 0.7949034
gen_loss_GAN 1.9750928
gen_loss_L1 0.22562174
recording summary
progress epoch 24 step 469 image/sec 4.8 remaining 349m
discrim_loss 0.7981013
gen_loss_GAN 1.9718333
gen_loss_L1 0.21693109
progress epoch 24 step 519 image/sec 4.8 remaining 349m
discrim_loss 0.74532026
gen_loss_GAN 1.9053476
gen_loss_L1 0.2141983
recording summary
progress epoch 24 step 569 image/sec 4.8 remaining 349m
discrim_loss 0.8129711
gen_loss_GAN 1.880341
gen_loss_L1 0.20848574
progress epoch 24 step 619 image/sec 4.8 remaining 349m
discrim_loss 0.72908694
gen_loss_GAN 1.9543624
gen_loss_L1 0.21759528
recording summary
progress epoch 24 step 669 image/sec 4.8 remaining 349m
discrim_loss 0.6949665
gen_loss_GAN 1.9967719
gen_loss_L1 0.21526256
progress epoch 24 step 719 image/sec 4.8 remaining 348m
discrim_loss 0.75694627
gen_loss_GAN 1.9823468
gen_loss_L1 0.22113349
recording summary
progress epoch 24 step 769 image/sec 4.8 remaining 348m
discrim_loss 0.7310139
gen_loss_GAN 2.0107698
gen_loss_L1 0.2285653
progress epoch 24 step 819 image/sec 4.8 remaining 348m
discrim_loss 0.73530966
gen_loss_GAN 2.023183
gen_loss_L1 0.23109546
recording summary
progress epoch 24 step 869 image/sec 4.8 remaining 348m
discrim_loss 0.71681553
gen_loss_GAN 2.0472074
gen_loss_L1 0.2293081
progress epoch 24 step 919 image/sec 4.8 remaining 348m
discrim_loss 0.71871156
gen_loss_GAN 2.0856125

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gen_loss_L1 0.22443351
recording summary
progress epoch 24 step 969 image/sec 4.8 remaining 348m
discrim_loss 0.7279852
gen_loss_GAN 2.0642266
gen_loss_L1 0.2298039
progress epoch 24 step 1020 image/sec 4.8 remaining 347m
discrim_loss 0.7517071
gen_loss_GAN 2.0914364
gen_loss_L1 0.2383027
recording summary
progress epoch 24 step 1069 image/sec 4.8 remaining 347m
discrim_loss 0.7444287
gen_loss_GAN 2.0696146
gen_loss_L1 0.24022509
progress epoch 24 step 1119 image/sec 4.8 remaining 347m
discrim_loss 0.7740887
gen_loss_GAN 2.0430486
gen_loss_L1 0.23312175
recording summary
progress epoch 24 step 1169 image/sec 4.8 remaining 347m
discrim_loss 0.7781841
gen_loss_GAN 1.9580313
gen_loss_L1 0.22560343
progress epoch 24 step 1219 image/sec 4.8 remaining 347m
discrim_loss 0.76606035
gen_loss_GAN 2.0670521
gen_loss_L1 0.22601269
recording summary
progress epoch 24 step 1269 image/sec 4.8 remaining 347m
discrim_loss 0.6949619
gen_loss_GAN 2.0967414
gen_loss_L1 0.22922519
progress epoch 25 step 9 image/sec 4.8 remaining 346m
discrim_loss 0.6918512
gen_loss_GAN 2.0811503
gen_loss_L1 0.22249326
recording summary
progress epoch 25 step 60 image/sec 4.8 remaining 346m
discrim_loss 0.7310454
gen_loss_GAN 2.0409844
gen_loss_L1 0.2300021
progress epoch 25 step 109 image/sec 4.8 remaining 346m
discrim_loss 0.6975076
gen_loss_GAN 2.0922759
gen_loss_L1 0.23466559
recording summary
progress epoch 25 step 159 image/sec 4.8 remaining 346m

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discrim_loss 0.67250115
gen_loss_GAN 2.0250933
gen_loss_L1 0.22873753
progress epoch 25 step 209 image/sec 4.8 remaining 346m
discrim_loss 0.7572527
gen_loss_GAN 1.9508888
gen_loss_L1 0.22762124
recording summary
progress epoch 25 step 259 image/sec 4.8 remaining 345m
discrim_loss 0.7463891
gen_loss_GAN 1.9865769
gen_loss_L1 0.23243383
progress epoch 25 step 309 image/sec 4.8 remaining 345m
discrim_loss 0.7461922
gen_loss_GAN 2.0367322
gen_loss_L1 0.21943069
recording summary
progress epoch 25 step 360 image/sec 4.8 remaining 345m
discrim_loss 0.7481793
gen_loss_GAN 2.0326698
gen_loss_L1 0.21276455
progress epoch 25 step 409 image/sec 4.8 remaining 345m
discrim_loss 0.7609286
gen_loss_GAN 2.0390537
gen_loss_L1 0.21574855
recording summary
progress epoch 25 step 459 image/sec 4.8 remaining 345m
discrim_loss 0.71675533
gen_loss_GAN 2.1341162
gen_loss_L1 0.22993374
progress epoch 25 step 509 image/sec 4.8 remaining 344m
discrim_loss 0.7581613
gen_loss_GAN 2.038355
gen_loss_L1 0.22110614
recording summary
progress epoch 25 step 559 image/sec 4.8 remaining 344m
discrim_loss 0.83466923
gen_loss_GAN 1.9577854
gen_loss_L1 0.22031702
progress epoch 25 step 609 image/sec 4.8 remaining 344m
discrim_loss 0.78409195
gen_loss_GAN 1.9502485
gen_loss_L1 0.21987288
recording summary
progress epoch 25 step 660 image/sec 4.8 remaining 344m
discrim_loss 0.7227859
gen_loss_GAN 2.046612
gen_loss_L1 0.2287132

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progress epoch 25 step 709 image/sec 4.8 remaining 344m
discrim_loss 0.7119379
gen_loss_GAN 2.0325103
gen_loss_L1 0.2288243
recording summary
progress epoch 25 step 759 image/sec 4.8 remaining 344m
discrim_loss 0.83356833
gen_loss_GAN 1.9555552
gen_loss_L1 0.2205489
progress epoch 25 step 810 image/sec 4.8 remaining 343m
discrim_loss 0.788138
gen_loss_GAN 2.0013034
gen_loss_L1 0.21944575
recording summary
progress epoch 25 step 860 image/sec 4.8 remaining 343m
discrim_loss 0.7576939
gen_loss_GAN 1.9793684
gen_loss_L1 0.22118126
progress epoch 25 step 909 image/sec 4.8 remaining 343m
discrim_loss 0.7602772
gen_loss_GAN 1.9471086
gen_loss_L1 0.22448303
recording summary
progress epoch 25 step 959 image/sec 4.8 remaining 343m
discrim_loss 0.7328602
gen_loss_GAN 2.086626
gen_loss_L1 0.22899365
progress epoch 25 step 1009 image/sec 4.8 remaining 343m
discrim_loss 0.7118447
gen_loss_GAN 2.0800147
gen_loss_L1 0.21771687
recording summary
progress epoch 25 step 1060 image/sec 4.8 remaining 343m
discrim_loss 0.72489804
gen_loss_GAN 2.1188672
gen_loss_L1 0.22497138
progress epoch 25 step 1110 image/sec 4.8 remaining 342m
discrim_loss 0.74510294
gen_loss_GAN 2.045961
gen_loss_L1 0.22393468
recording summary
progress epoch 25 step 1159 image/sec 4.8 remaining 342m
discrim_loss 0.7508486
gen_loss_GAN 2.005775
gen_loss_L1 0.22396287
progress epoch 25 step 1209 image/sec 4.8 remaining 342m
discrim_loss 0.7909618
gen_loss_GAN 2.0236497

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gen_loss_L1 0.23000708
recording summary
progress epoch 25 step 1259 image/sec 4.8 remaining 342m
discrim_loss 0.7973503
gen_loss_GAN 1.948304
gen_loss_L1 0.22133183
progress epoch 25 step 1309 image/sec 4.8 remaining 342m
discrim_loss 0.74086833
gen_loss_GAN 1.911677
gen_loss_L1 0.21086171
recording summary
progress epoch 26 step 50 image/sec 4.8 remaining 342m
discrim_loss 0.72242004
gen_loss_GAN 1.9557794
gen_loss_L1 0.21128777
progress epoch 26 step 100 image/sec 4.8 remaining 341m
discrim_loss 0.6832321
gen_loss_GAN 1.9659718
gen_loss_L1 0.21726044
recording summary
progress epoch 26 step 149 image/sec 4.8 remaining 341m
discrim_loss 0.65886533
gen_loss_GAN 1.9650756
gen_loss_L1 0.2139109
progress epoch 26 step 199 image/sec 4.8 remaining 341m
discrim_loss 0.66084486
gen_loss_GAN 2.089787
gen_loss_L1 0.22812986
recording summary
progress epoch 26 step 250 image/sec 4.8 remaining 341m
discrim_loss 0.71489275
gen_loss_GAN 2.078304
gen_loss_L1 0.22624533
progress epoch 26 step 300 image/sec 4.8 remaining 341m
discrim_loss 0.7259938
gen_loss_GAN 2.0357008
gen_loss_L1 0.23071095
recording summary
progress epoch 26 step 349 image/sec 4.8 remaining 341m
discrim_loss 0.70586395
gen_loss_GAN 2.0387866
gen_loss_L1 0.23483129
progress epoch 26 step 399 image/sec 4.8 remaining 340m
discrim_loss 0.67879045
gen_loss_GAN 2.0669072
gen_loss_L1 0.23275702
recording summary
progress epoch 26 step 450 image/sec 4.8 remaining 340m

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discrim_loss 0.705405
gen_loss_GAN 2.0352833
gen_loss_L1 0.22234492
progress epoch 26 step 499 image/sec 4.8 remaining 340m
discrim_loss 0.70430434
gen_loss_GAN 2.0892463
gen_loss_L1 0.21657033
recording summary
progress epoch 26 step 550 image/sec 4.8 remaining 340m
discrim_loss 0.7285221
gen_loss_GAN 2.0951276
gen_loss_L1 0.2178729
progress epoch 26 step 599 image/sec 4.8 remaining 340m
discrim_loss 0.7683068
gen_loss_GAN 2.0756428
gen_loss_L1 0.22112527
recording summary
progress epoch 26 step 649 image/sec 4.8 remaining 339m
discrim_loss 0.7202744
gen_loss_GAN 2.0640867
gen_loss_L1 0.2307606
progress epoch 26 step 699 image/sec 4.8 remaining 339m
discrim_loss 0.78250283
gen_loss_GAN 1.9791077
gen_loss_L1 0.22439061
recording summary
progress epoch 26 step 749 image/sec 4.8 remaining 339m
discrim_loss 0.764881
gen_loss_GAN 1.9392394
gen_loss_L1 0.22233988
progress epoch 26 step 799 image/sec 4.8 remaining 339m
discrim_loss 0.7242533
gen_loss_GAN 2.0314753
gen_loss_L1 0.23172987
recording summary
progress epoch 26 step 849 image/sec 4.8 remaining 339m
discrim_loss 0.758374
gen_loss_GAN 1.9930992
gen_loss_L1 0.22417991
progress epoch 26 step 899 image/sec 4.8 remaining 338m
discrim_loss 0.7267059
gen_loss_GAN 2.0246842
gen_loss_L1 0.22819644
recording summary
progress epoch 26 step 949 image/sec 4.8 remaining 338m
discrim_loss 0.75018317
gen_loss_GAN 1.9257231
gen_loss_L1 0.22430117

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progress epoch 26 step 999 image/sec 4.8 remaining 338m
discrim_loss 0.7524976
gen_loss_GAN 1.8880491
gen_loss_L1 0.21546027
recording summary
progress epoch 26 step 1049 image/sec 4.8 remaining 338m
discrim_loss 0.7345038
gen_loss_GAN 1.9310087
gen_loss_L1 0.21522158
progress epoch 26 step 1100 image/sec 4.8 remaining 338m
discrim_loss 0.76283723
gen_loss_GAN 1.8855395
gen_loss_L1 0.22002593
recording summary
progress epoch 26 step 1149 image/sec 4.8 remaining 338m
discrim_loss 0.79975003
gen_loss_GAN 1.9097527
gen_loss_L1 0.21800445
progress epoch 26 step 1199 image/sec 4.8 remaining 337m
discrim_loss 0.6833335
gen_loss_GAN 2.046916
gen_loss_L1 0.22837967
recording summary
progress epoch 26 step 1249 image/sec 4.8 remaining 337m
discrim_loss 0.7525536
gen_loss_GAN 2.0157797
gen_loss_L1 0.22157197
progress epoch 26 step 1300 image/sec 4.8 remaining 337m
discrim_loss 0.7274363
gen_loss_GAN 2.0397866
gen_loss_L1 0.22607855
recording summary
progress epoch 27 step 39 image/sec 4.8 remaining 337m
discrim_loss 0.7238892
gen_loss_GAN 2.0561368
gen_loss_L1 0.22945143
progress epoch 27 step 89 image/sec 4.8 remaining 337m
discrim_loss 0.82424366
gen_loss_GAN 1.9655712
gen_loss_L1 0.22100091
recording summary
progress epoch 27 step 140 image/sec 4.8 remaining 337m
discrim_loss 0.79293287
gen_loss_GAN 1.9433869
gen_loss_L1 0.22186643
progress epoch 27 step 189 image/sec 4.8 remaining 336m
discrim_loss 0.740589
gen_loss_GAN 1.9392306

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gen_loss_L1 0.22450516
recording summary
progress epoch 27 step 239 image/sec 4.8 remaining 336m
discrim_loss 0.6826077
gen_loss_GAN 2.0209348
gen_loss_L1 0.2229306
progress epoch 27 step 289 image/sec 4.8 remaining 336m
discrim_loss 0.6718968
gen_loss_GAN 2.0772307
gen_loss_L1 0.23163691
recording summary
progress epoch 27 step 339 image/sec 4.8 remaining 336m
discrim_loss 0.72406405
gen_loss_GAN 2.0785184
gen_loss_L1 0.22611262
progress epoch 27 step 389 image/sec 4.8 remaining 336m
discrim_loss 0.77029437
gen_loss_GAN 2.0572166
gen_loss_L1 0.21427017
recording summary
progress epoch 27 step 439 image/sec 4.8 remaining 336m
discrim_loss 0.78655666
gen_loss_GAN 2.0186546
gen_loss_L1 0.22847609
progress epoch 27 step 489 image/sec 4.8 remaining 335m
discrim_loss 0.7765837
gen_loss_GAN 1.9388549
gen_loss_L1 0.22174732
recording summary
progress epoch 27 step 539 image/sec 4.8 remaining 335m
discrim_loss 0.7595914
gen_loss_GAN 1.9844483
gen_loss_L1 0.21729589
progress epoch 27 step 590 image/sec 4.8 remaining 335m
discrim_loss 0.7869974
gen_loss_GAN 2.0059788
gen_loss_L1 0.22838096
recording summary
progress epoch 27 step 640 image/sec 4.8 remaining 335m
discrim_loss 0.7586638
gen_loss_GAN 2.0008316
gen_loss_L1 0.22708029
progress epoch 27 step 689 image/sec 4.8 remaining 335m
discrim_loss 0.75046873
gen_loss_GAN 1.9749162
gen_loss_L1 0.21903731
recording summary
progress epoch 27 step 740 image/sec 4.8 remaining 335m

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discrim_loss 0.79477787
gen_loss_GAN 2.0165582
gen_loss_L1 0.22111394
progress epoch 27 step 790 image/sec 4.8 remaining 334m
discrim_loss 0.7640072
gen_loss_GAN 1.9823732
gen_loss_L1 0.21680437
recording summary
progress epoch 27 step 839 image/sec 4.8 remaining 334m
discrim_loss 0.7462474
gen_loss_GAN 1.9964925
gen_loss_L1 0.21217202
progress epoch 27 step 889 image/sec 4.8 remaining 334m
discrim_loss 0.6808653
gen_loss_GAN 2.1445851
gen_loss_L1 0.22779499
recording summary
progress epoch 27 step 940 image/sec 4.8 remaining 334m
discrim_loss 0.75290596
gen_loss_GAN 2.0771718
gen_loss_L1 0.22607113
saving model
progress epoch 27 step 989 image/sec 4.8 remaining 334m
discrim_loss 0.71071434
gen_loss_GAN 2.047784
gen_loss_L1 0.22391209
recording summary
progress epoch 27 step 1039 image/sec 4.8 remaining 334m
discrim_loss 0.73990506
gen_loss_GAN 2.0140145
gen_loss_L1 0.2197327
progress epoch 27 step 1089 image/sec 4.8 remaining 333m
discrim_loss 0.723815
gen_loss_GAN 2.045918
gen_loss_L1 0.21772636
recording summary
progress epoch 27 step 1139 image/sec 4.8 remaining 333m
discrim_loss 0.64221025
gen_loss_GAN 2.0740793
gen_loss_L1 0.2296288
progress epoch 27 step 1189 image/sec 4.8 remaining 333m
discrim_loss 0.6524686
gen_loss_GAN 2.027829
gen_loss_L1 0.2279626
recording summary
progress epoch 27 step 1240 image/sec 4.8 remaining 333m
discrim_loss 0.7316462
gen_loss_GAN 2.0549068

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gen_loss_L1 0.22278024
progress epoch 27 step 1289 image/sec 4.8 remaining 333m
discrim_loss 0.73942184
gen_loss_GAN 2.0676472
gen_loss_L1 0.21902435
recording summary
progress epoch 28 step 29 image/sec 4.8 remaining 333m
discrim_loss 0.67647547
gen_loss_GAN 2.0655
gen_loss_L1 0.22302684
progress epoch 28 step 79 image/sec 4.8 remaining 332m
discrim_loss 0.7521809
gen_loss_GAN 2.0274894
gen_loss_L1 0.22158277
recording summary
progress epoch 28 step 129 image/sec 4.8 remaining 332m
discrim_loss 0.7454364
gen_loss_GAN 2.0224853
gen_loss_L1 0.22627194
progress epoch 28 step 179 image/sec 4.8 remaining 332m
discrim_loss 0.7602472
gen_loss_GAN 2.0201979
gen_loss_L1 0.22847936
recording summary
progress epoch 28 step 230 image/sec 4.8 remaining 332m
discrim_loss 0.7251584
gen_loss_GAN 2.0573199
gen_loss_L1 0.22261699
progress epoch 28 step 280 image/sec 4.8 remaining 332m
discrim_loss 0.8029101
gen_loss_GAN 1.9946296
gen_loss_L1 0.21877609
recording summary
progress epoch 28 step 329 image/sec 4.8 remaining 331m
discrim_loss 0.78421915
gen_loss_GAN 1.9619024
gen_loss_L1 0.21534826
progress epoch 28 step 379 image/sec 4.8 remaining 331m
discrim_loss 0.75776416
gen_loss_GAN 1.9175569
gen_loss_L1 0.21649522
recording summary
progress epoch 28 step 429 image/sec 4.8 remaining 331m
discrim_loss 0.73822194
gen_loss_GAN 1.9507843
gen_loss_L1 0.21607493
progress epoch 28 step 479 image/sec 4.8 remaining 331m
discrim_loss 0.71415955

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gen_loss_GAN 1.993276
gen_loss_L1 0.21942952
recording summary
progress epoch 28 step 529 image/sec 4.8 remaining 331m
discrim_loss 0.77888244
gen_loss_GAN 2.0049143
gen_loss_L1 0.22324663
progress epoch 28 step 579 image/sec 4.8 remaining 331m
discrim_loss 0.69583374
gen_loss_GAN 2.0241172
gen_loss_L1 0.22929785
recording summary
progress epoch 28 step 630 image/sec 4.8 remaining 330m
discrim_loss 0.71106976
gen_loss_GAN 1.9643637
gen_loss_L1 0.22051108
progress epoch 28 step 680 image/sec 4.8 remaining 330m
discrim_loss 0.7147874
gen_loss_GAN 1.9693881
gen_loss_L1 0.22131693
recording summary
progress epoch 28 step 729 image/sec 4.8 remaining 330m
discrim_loss 0.78920734
gen_loss_GAN 1.9241645
gen_loss_L1 0.21395145
progress epoch 28 step 779 image/sec 4.8 remaining 330m
discrim_loss 0.7359682
gen_loss_GAN 2.0095975
gen_loss_L1 0.23044235
recording summary
progress epoch 28 step 829 image/sec 4.8 remaining 330m
discrim_loss 0.7198672
gen_loss_GAN 2.0375764
gen_loss_L1 0.23257785
progress epoch 28 step 879 image/sec 4.8 remaining 329m
discrim_loss 0.71975833
gen_loss_GAN 2.0521767
gen_loss_L1 0.22344363
recording summary
progress epoch 28 step 930 image/sec 4.8 remaining 329m
discrim_loss 0.7040976
gen_loss_GAN 2.0697024
gen_loss_L1 0.2255211
progress epoch 28 step 980 image/sec 4.8 remaining 329m
discrim_loss 0.7512869
gen_loss_GAN 2.0210466
gen_loss_L1 0.21878599
recording summary

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progress epoch 28 step 1029 image/sec 4.8 remaining 329m
discrim_loss 0.7123463
gen_loss_GAN 2.0275462
gen_loss_L1 0.22310649
progress epoch 28 step 1079 image/sec 4.8 remaining 329m
discrim_loss 0.74376345
gen_loss_GAN 1.9558259
gen_loss_L1 0.21134958
recording summary
progress epoch 28 step 1129 image/sec 4.8 remaining 329m
discrim_loss 0.79023004
gen_loss_GAN 1.9258882
gen_loss_L1 0.22133183
progress epoch 28 step 1179 image/sec 4.8 remaining 328m
discrim_loss 0.73841953
gen_loss_GAN 2.01246
gen_loss_L1 0.21831636
recording summary
progress epoch 28 step 1229 image/sec 4.8 remaining 328m
discrim_loss 0.6848263
gen_loss_GAN 2.1161056
gen_loss_L1 0.22979587
progress epoch 28 step 1279 image/sec 4.8 remaining 328m
discrim_loss 0.7526414
gen_loss_GAN 2.0588913
gen_loss_L1 0.2319068
recording summary
progress epoch 29 step 20 image/sec 4.8 remaining 328m
discrim_loss 0.76296055
gen_loss_GAN 1.9939877
gen_loss_L1 0.22580929
progress epoch 29 step 70 image/sec 4.8 remaining 328m
discrim_loss 0.80291927
gen_loss_GAN 2.0035167
gen_loss_L1 0.23101936
recording summary
progress epoch 29 step 119 image/sec 4.8 remaining 328m
discrim_loss 0.7815338
gen_loss_GAN 2.0150876
gen_loss_L1 0.2245596
progress epoch 29 step 169 image/sec 4.8 remaining 327m
discrim_loss 0.7460242
gen_loss_GAN 2.039539
gen_loss_L1 0.22905688
recording summary
progress epoch 29 step 219 image/sec 4.8 remaining 327m
discrim_loss 0.74276274
gen_loss_GAN 2.019545

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gen_loss_L1 0.21718493
progress epoch 29 step 269 image/sec 4.8 remaining 327m
discrim_loss 0.7774736
gen_loss_GAN 1.8901606
gen_loss_L1 0.21213195
recording summary
progress epoch 29 step 319 image/sec 4.8 remaining 327m
discrim_loss 0.75814337
gen_loss_GAN 1.9157348
gen_loss_L1 0.21509203
progress epoch 29 step 369 image/sec 4.8 remaining 327m
discrim_loss 0.768168
gen_loss_GAN 1.9504379
gen_loss_L1 0.21143745
recording summary
progress epoch 29 step 419 image/sec 4.8 remaining 327m
discrim_loss 0.7638874
gen_loss_GAN 1.8989521
gen_loss_L1 0.20967494
progress epoch 29 step 469 image/sec 4.8 remaining 326m
discrim_loss 0.7392386
gen_loss_GAN 2.037388
gen_loss_L1 0.22374445
recording summary
progress epoch 29 step 520 image/sec 4.8 remaining 326m
discrim_loss 0.73536956
gen_loss_GAN 2.0081816
gen_loss_L1 0.23030236
progress epoch 29 step 569 image/sec 4.8 remaining 326m
discrim_loss 0.672937
gen_loss_GAN 2.045715
gen_loss_L1 0.23371232
recording summary
progress epoch 29 step 619 image/sec 4.8 remaining 326m
discrim_loss 0.716535
gen_loss_GAN 2.0792887
gen_loss_L1 0.22271198
progress epoch 29 step 670 image/sec 4.8 remaining 326m
discrim_loss 0.7749969
gen_loss_GAN 2.063357
gen_loss_L1 0.21339646
recording summary
progress epoch 29 step 719 image/sec 4.8 remaining 325m
discrim_loss 0.7253023
gen_loss_GAN 2.1380908
gen_loss_L1 0.22459908
progress epoch 29 step 769 image/sec 4.8 remaining 325m
discrim_loss 0.68025666

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gen_loss_GAN 2.1544137
gen_loss_L1 0.21776855
recording summary
progress epoch 29 step 819 image/sec 4.8 remaining 325m
discrim_loss 0.77341586
gen_loss_GAN 2.1413114
gen_loss_L1 0.21116489
progress epoch 29 step 869 image/sec 4.8 remaining 325m
discrim_loss 0.77842396
gen_loss_GAN 2.0302393
gen_loss_L1 0.21557759
recording summary
progress epoch 29 step 919 image/sec 4.8 remaining 325m
discrim_loss 0.7851922
gen_loss_GAN 1.9795762
gen_loss_L1 0.2291751
progress epoch 29 step 969 image/sec 4.8 remaining 325m
discrim_loss 0.75790924
gen_loss_GAN 1.877747
gen_loss_L1 0.223424
recording summary
progress epoch 29 step 1019 image/sec 4.8 remaining 324m
discrim_loss 0.7434632
gen_loss_GAN 1.9522716
gen_loss_L1 0.22384767
progress epoch 29 step 1069 image/sec 4.8 remaining 324m
discrim_loss 0.7070078
gen_loss_GAN 2.0280936
gen_loss_L1 0.23615976
recording summary
progress epoch 29 step 1119 image/sec 4.8 remaining 324m
discrim_loss 0.651818
gen_loss_GAN 2.0480776
gen_loss_L1 0.24215865
progress epoch 29 step 1169 image/sec 4.8 remaining 324m
discrim_loss 0.7009773
gen_loss_GAN 2.0475693
gen_loss_L1 0.2318031
recording summary
progress epoch 29 step 1219 image/sec 4.8 remaining 324m
discrim_loss 0.6445111
gen_loss_GAN 2.0369291
gen_loss_L1 0.22835712
progress epoch 29 step 1269 image/sec 4.8 remaining 323m
discrim_loss 0.7376308
gen_loss_GAN 2.0883121
gen_loss_L1 0.22070369
recording summary

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progress epoch 30 step 10 image/sec 4.8 remaining 323m
discrim_loss 0.7902906
gen_loss_GAN 2.03447
gen_loss_L1 0.21833003
progress epoch 30 step 59 image/sec 4.8 remaining 323m
discrim_loss 0.7906948
gen_loss_GAN 2.0062816
gen_loss_L1 0.21464574
recording summary
progress epoch 30 step 109 image/sec 4.8 remaining 323m
discrim_loss 0.7999868
gen_loss_GAN 1.9850202
gen_loss_L1 0.21238202
progress epoch 30 step 159 image/sec 4.8 remaining 323m
discrim_loss 0.79496646
gen_loss_GAN 1.969547
gen_loss_L1 0.2137396
recording summary
progress epoch 30 step 210 image/sec 4.8 remaining 323m
discrim_loss 0.7820511
gen_loss_GAN 1.9228536
gen_loss_L1 0.21436644
progress epoch 30 step 259 image/sec 4.8 remaining 322m
discrim_loss 0.74703145
gen_loss_GAN 2.017422
gen_loss_L1 0.21859908
recording summary
progress epoch 30 step 309 image/sec 4.8 remaining 322m
discrim_loss 0.6908397
gen_loss_GAN 2.0926735
gen_loss_L1 0.22601767
progress epoch 30 step 359 image/sec 4.8 remaining 322m
discrim_loss 0.7052721
gen_loss_GAN 2.01462
gen_loss_L1 0.22006772
recording summary
progress epoch 30 step 409 image/sec 4.8 remaining 322m
discrim_loss 0.7092805
gen_loss_GAN 2.0174003
gen_loss_L1 0.22048868
progress epoch 30 step 459 image/sec 4.8 remaining 322m
discrim_loss 0.7258525
gen_loss_GAN 1.9426
gen_loss_L1 0.22053942
recording summary
progress epoch 30 step 510 image/sec 4.8 remaining 322m
discrim_loss 0.7379185
gen_loss_GAN 1.9786612

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gen_loss_L1 0.2200975
progress epoch 30 step 560 image/sec 4.8 remaining 321m
discrim_loss 0.8031819
gen_loss_GAN 1.9544917
gen_loss_L1 0.22344531
recording summary
progress epoch 30 step 610 image/sec 4.8 remaining 321m
discrim_loss 0.760884
gen_loss_GAN 1.9168414
gen_loss_L1 0.22641438
progress epoch 30 step 659 image/sec 4.8 remaining 321m
discrim_loss 0.7544916
gen_loss_GAN 1.942451
gen_loss_L1 0.21867812
recording summary
progress epoch 30 step 709 image/sec 4.8 remaining 321m
discrim_loss 0.72688144
gen_loss_GAN 1.9448184
gen_loss_L1 0.22015794
progress epoch 30 step 759 image/sec 4.8 remaining 321m
discrim_loss 0.7327756
gen_loss_GAN 2.0048807
gen_loss_L1 0.21551037
recording summary
progress epoch 30 step 810 image/sec 4.8 remaining 321m
discrim_loss 0.68198204
gen_loss_GAN 2.0556557
gen_loss_L1 0.2191157
progress epoch 30 step 859 image/sec 4.8 remaining 320m
discrim_loss 0.7237756
gen_loss_GAN 2.1034524
gen_loss_L1 0.23492233
recording summary
progress epoch 30 step 909 image/sec 4.8 remaining 320m
discrim_loss 0.7239605
gen_loss_GAN 2.0491753
gen_loss_L1 0.23492023
progress epoch 30 step 960 image/sec 4.8 remaining 320m
discrim_loss 0.7251104
gen_loss_GAN 2.0250862
gen_loss_L1 0.2391974
recording summary
progress epoch 30 step 1009 image/sec 4.8 remaining 320m
discrim_loss 0.7947886
gen_loss_GAN 2.0028765
gen_loss_L1 0.23255281
progress epoch 30 step 1059 image/sec 4.8 remaining 320m
discrim_loss 0.7963644

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gen_loss_GAN 1.9832667
gen_loss_L1 0.22608875
recording summary
progress epoch 30 step 1109 image/sec 4.8 remaining 319m
discrim_loss 0.7475395
gen_loss_GAN 1.9799886
gen_loss_L1 0.22228941
progress epoch 30 step 1159 image/sec 4.8 remaining 319m
discrim_loss 0.73584676
gen_loss_GAN 1.9151522
gen_loss_L1 0.21811624
recording summary
progress epoch 30 step 1209 image/sec 4.8 remaining 319m
discrim_loss 0.76848394
gen_loss_GAN 1.9267317
gen_loss_L1 0.21240543
progress epoch 30 step 1259 image/sec 4.8 remaining 319m
discrim_loss 0.71933776
gen_loss_GAN 2.0106542
gen_loss_L1 0.22272661
recording summary
progress epoch 30 step 1309 image/sec 4.8 remaining 319m
discrim_loss 0.6763374
gen_loss_GAN 2.0561273
gen_loss_L1 0.22505617
progress epoch 31 step 49 image/sec 4.8 remaining 319m
discrim_loss 0.7675563
gen_loss_GAN 1.9866555
gen_loss_L1 0.22449411
recording summary
progress epoch 31 step 99 image/sec 4.8 remaining 318m
discrim_loss 0.7232323
gen_loss_GAN 1.9644594
gen_loss_L1 0.2202824
progress epoch 31 step 149 image/sec 4.8 remaining 318m
discrim_loss 0.73459125
gen_loss_GAN 1.9653262
gen_loss_L1 0.22125122
recording summary
progress epoch 31 step 199 image/sec 4.8 remaining 318m
discrim_loss 0.7702264
gen_loss_GAN 1.9839989
gen_loss_L1 0.21632986
progress epoch 31 step 249 image/sec 4.8 remaining 318m
discrim_loss 0.7681344
gen_loss_GAN 2.0598109
gen_loss_L1 0.21538064
recording summary

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progress epoch 31 step 300 image/sec 4.8 remaining 318m
discrim_loss 0.7164841
gen_loss_GAN 2.065983
gen_loss_L1 0.21859217
progress epoch 31 step 349 image/sec 4.8 remaining 317m
discrim_loss 0.69480324
gen_loss_GAN 2.0206006
gen_loss_L1 0.21201426
recording summary
progress epoch 31 step 399 image/sec 4.8 remaining 317m
discrim_loss 0.7296447
gen_loss_GAN 1.9832152
gen_loss_L1 0.21840347
progress epoch 31 step 449 image/sec 4.8 remaining 317m
discrim_loss 0.6978673
gen_loss_GAN 1.9743582
gen_loss_L1 0.21210779
recording summary
progress epoch 31 step 499 image/sec 4.8 remaining 317m
discrim_loss 0.7540765
gen_loss_GAN 2.0377429
gen_loss_L1 0.21232896
progress epoch 31 step 550 image/sec 4.8 remaining 317m
discrim_loss 0.74427986
gen_loss_GAN 2.0794857
gen_loss_L1 0.21578215
recording summary
progress epoch 31 step 600 image/sec 4.8 remaining 317m
discrim_loss 0.72817415
gen_loss_GAN 2.058664
gen_loss_L1 0.21013445
progress epoch 31 step 649 image/sec 4.8 remaining 316m
discrim_loss 0.78278846
gen_loss_GAN 2.029847
gen_loss_L1 0.21415123
recording summary
progress epoch 31 step 699 image/sec 4.8 remaining 316m
discrim_loss 0.75406075
gen_loss_GAN 2.1095655
gen_loss_L1 0.23482391
saving model
progress epoch 31 step 749 image/sec 4.8 remaining 316m
discrim_loss 0.735786
gen_loss_GAN 2.0776858
gen_loss_L1 0.2324519
recording summary
progress epoch 31 step 799 image/sec 4.8 remaining 316m
discrim_loss 0.73059285

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gen_loss_GAN 2.0844905
gen_loss_L1 0.2410589
progress epoch 31 step 849 image/sec 4.8 remaining 316m
discrim_loss 0.7160204
gen_loss_GAN 2.0270398
gen_loss_L1 0.22376275
recording summary
progress epoch 31 step 900 image/sec 4.8 remaining 316m
discrim_loss 0.73079693
gen_loss_GAN 1.9821835
gen_loss_L1 0.22526768
progress epoch 31 step 949 image/sec 4.8 remaining 315m
discrim_loss 0.7301924
gen_loss_GAN 2.0935893
gen_loss_L1 0.22350489
recording summary
progress epoch 31 step 999 image/sec 4.8 remaining 315m
discrim_loss 0.7208419
gen_loss_GAN 1.992046
gen_loss_L1 0.23284942
progress epoch 31 step 1049 image/sec 4.8 remaining 315m
discrim_loss 0.7382829
gen_loss_GAN 1.913016
gen_loss_L1 0.22011983
recording summary
progress epoch 31 step 1100 image/sec 4.8 remaining 315m
discrim_loss 0.787434
gen_loss_GAN 2.0021582
gen_loss_L1 0.2288493
progress epoch 31 step 1149 image/sec 4.8 remaining 315m
discrim_loss 0.7197933
gen_loss_GAN 2.0630474
gen_loss_L1 0.22491018
recording summary
progress epoch 31 step 1200 image/sec 4.8 remaining 315m
discrim_loss 0.71247333
gen_loss_GAN 2.0977867
gen_loss_L1 0.23389122
progress epoch 31 step 1249 image/sec 4.8 remaining 314m
discrim_loss 0.7035456
gen_loss_GAN 2.0261905
gen_loss_L1 0.21913795
recording summary
progress epoch 31 step 1300 image/sec 4.8 remaining 314m
discrim_loss 0.7407784
gen_loss_GAN 2.020816
gen_loss_L1 0.21860217
progress epoch 32 step 39 image/sec 4.8 remaining 314m

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discrim_loss 0.74648947
gen_loss_GAN 2.0139024
gen_loss_L1 0.21798478
recording summary
progress epoch 32 step 89 image/sec 4.8 remaining 314m
discrim_loss 0.7486996
gen_loss_GAN 1.9970396
gen_loss_L1 0.22475328
progress epoch 32 step 139 image/sec 4.8 remaining 314m
discrim_loss 0.748855
gen_loss_GAN 2.0682807
gen_loss_L1 0.2134959
recording summary
progress epoch 32 step 189 image/sec 4.8 remaining 314m
discrim_loss 0.7070174
gen_loss_GAN 2.0478547
gen_loss_L1 0.21537554
progress epoch 32 step 239 image/sec 4.8 remaining 313m
discrim_loss 0.657532
gen_loss_GAN 2.0613995
gen_loss_L1 0.22303578
recording summary
progress epoch 32 step 289 image/sec 4.8 remaining 313m
discrim_loss 0.61949694
gen_loss_GAN 2.127245
gen_loss_L1 0.22263494
progress epoch 32 step 339 image/sec 4.8 remaining 313m
discrim_loss 0.76799905
gen_loss_GAN 2.1011317
gen_loss_L1 0.2234308
recording summary
progress epoch 32 step 389 image/sec 4.8 remaining 313m
discrim_loss 0.76069725
gen_loss_GAN 2.0465271
gen_loss_L1 0.21941622
progress epoch 32 step 439 image/sec 4.8 remaining 313m
discrim_loss 0.71707976
gen_loss_GAN 2.0997
gen_loss_L1 0.23061478
recording summary
progress epoch 32 step 489 image/sec 4.8 remaining 313m
discrim_loss 0.73423755
gen_loss_GAN 2.0200236
gen_loss_L1 0.21616322
progress epoch 32 step 539 image/sec 4.8 remaining 312m
discrim_loss 0.6995571
gen_loss_GAN 2.0172646
gen_loss_L1 0.21786873

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recording summary
progress epoch 32 step 589 image/sec 4.8 remaining 312m
discrim_loss 0.6907406
gen_loss_GAN 2.0263817
gen_loss_L1 0.22178584
progress epoch 32 step 639 image/sec 4.8 remaining 312m
discrim_loss 0.74470353
gen_loss_GAN 2.025933
gen_loss_L1 0.22548755
recording summary
progress epoch 32 step 689 image/sec 4.8 remaining 312m
discrim_loss 0.75202096
gen_loss_GAN 1.9363697
gen_loss_L1 0.21612187
progress epoch 32 step 740 image/sec 4.8 remaining 312m
discrim_loss 0.75371915
gen_loss_GAN 1.8937104
gen_loss_L1 0.22501503
recording summary
progress epoch 32 step 789 image/sec 4.8 remaining 312m
discrim_loss 0.6816535
gen_loss_GAN 2.062953
gen_loss_L1 0.2324294
progress epoch 32 step 839 image/sec 4.8 remaining 311m
discrim_loss 0.6879447
gen_loss_GAN 2.0886042
gen_loss_L1 0.23044045
recording summary
progress epoch 32 step 889 image/sec 4.8 remaining 311m
discrim_loss 0.7507844
gen_loss_GAN 2.046892
gen_loss_L1 0.23844825
progress epoch 32 step 939 image/sec 4.8 remaining 311m
discrim_loss 0.7986819
gen_loss_GAN 2.0384822
gen_loss_L1 0.2238963
recording summary
progress epoch 32 step 989 image/sec 4.8 remaining 311m
discrim_loss 0.84620845
gen_loss_GAN 1.9861643
gen_loss_L1 0.2237895
progress epoch 32 step 1039 image/sec 4.8 remaining 311m
discrim_loss 0.8032673
gen_loss_GAN 1.9456117
gen_loss_L1 0.22027063
recording summary
progress epoch 32 step 1089 image/sec 4.8 remaining 310m
discrim_loss 0.74109536

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gen_loss_GAN 1.9751881
gen_loss_L1 0.21575095
progress epoch 32 step 1139 image/sec 4.8 remaining 310m
discrim_loss 0.7471795
gen_loss_GAN 1.9243681
gen_loss_L1 0.21223512
recording summary
progress epoch 32 step 1189 image/sec 4.8 remaining 310m
discrim_loss 0.7349183
gen_loss_GAN 1.9147714
gen_loss_L1 0.20847683
progress epoch 32 step 1239 image/sec 4.8 remaining 310m
discrim_loss 0.7561142
gen_loss_GAN 1.9185616
gen_loss_L1 0.2089709
recording summary
progress epoch 32 step 1289 image/sec 4.8 remaining 310m
discrim_loss 0.7737805
gen_loss_GAN 2.0090578
gen_loss_L1 0.21343152
progress epoch 33 step 29 image/sec 4.8 remaining 310m
discrim_loss 0.68054765
gen_loss_GAN 2.1405852
gen_loss_L1 0.21476026
recording summary
progress epoch 33 step 80 image/sec 4.8 remaining 309m
discrim_loss 0.7350316
gen_loss_GAN 2.105426
gen_loss_L1 0.22184095
progress epoch 33 step 129 image/sec 4.8 remaining 309m
discrim_loss 0.7518882
gen_loss_GAN 2.0132298
gen_loss_L1 0.2154568
recording summary
progress epoch 33 step 179 image/sec 4.8 remaining 309m
discrim_loss 0.7488038
gen_loss_GAN 1.9702376
gen_loss_L1 0.21541187
progress epoch 33 step 229 image/sec 4.8 remaining 309m
discrim_loss 0.7557699
gen_loss_GAN 2.1047673
gen_loss_L1 0.21328686
recording summary
progress epoch 33 step 279 image/sec 4.8 remaining 309m
discrim_loss 0.7578413
gen_loss_GAN 2.17849
gen_loss_L1 0.22374766
progress epoch 33 step 329 image/sec 4.8 remaining 308m

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discrim_loss 0.7979264
gen_loss_GAN 2.077964
gen_loss_L1 0.21437635
recording summary
progress epoch 33 step 380 image/sec 4.8 remaining 308m
discrim_loss 0.8031133
gen_loss_GAN 2.0296147
gen_loss_L1 0.21210892
progress epoch 33 step 429 image/sec 4.8 remaining 308m
discrim_loss 0.7816685
gen_loss_GAN 1.9619541
gen_loss_L1 0.20869826
recording summary
progress epoch 33 step 480 image/sec 4.8 remaining 308m
discrim_loss 0.7490398
gen_loss_GAN 1.9781597
gen_loss_L1 0.21634138
progress epoch 33 step 529 image/sec 4.8 remaining 308m
discrim_loss 0.75158316
gen_loss_GAN 2.0632577
gen_loss_L1 0.2228576
recording summary
progress epoch 33 step 579 image/sec 4.8 remaining 308m
discrim_loss 0.73160315
gen_loss_GAN 1.9863231
gen_loss_L1 0.22425702
progress epoch 33 step 629 image/sec 4.8 remaining 307m
discrim_loss 0.7741963
gen_loss_GAN 2.0115647
gen_loss_L1 0.22725657
recording summary
progress epoch 33 step 680 image/sec 4.8 remaining 307m
discrim_loss 0.75283164
gen_loss_GAN 2.024457
gen_loss_L1 0.21843691
progress epoch 33 step 729 image/sec 4.8 remaining 307m
discrim_loss 0.73657274
gen_loss_GAN 1.9838772
gen_loss_L1 0.22881606
recording summary
progress epoch 33 step 779 image/sec 4.8 remaining 307m
discrim_loss 0.74715674
gen_loss_GAN 1.9895946
gen_loss_L1 0.22817923
progress epoch 33 step 829 image/sec 4.8 remaining 307m
discrim_loss 0.7678469
gen_loss_GAN 1.9903731
gen_loss_L1 0.2357253

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recording summary
progress epoch 33 step 880 image/sec 4.8 remaining 307m
discrim_loss 0.7222422
gen_loss_GAN 2.037575
gen_loss_L1 0.23436841
progress epoch 33 step 929 image/sec 4.8 remaining 306m
discrim_loss 0.7637894
gen_loss_GAN 1.9760547
gen_loss_L1 0.2304114
recording summary
progress epoch 33 step 980 image/sec 4.8 remaining 306m
discrim_loss 0.69887793
gen_loss_GAN 2.0291495
gen_loss_L1 0.23772842
progress epoch 33 step 1029 image/sec 4.8 remaining 306m
discrim_loss 0.70560133
gen_loss_GAN 1.9754581
gen_loss_L1 0.22964607
recording summary
progress epoch 33 step 1079 image/sec 4.8 remaining 306m
discrim_loss 0.7675697
gen_loss_GAN 1.9180816
gen_loss_L1 0.21730936
progress epoch 33 step 1130 image/sec 4.8 remaining 306m
discrim_loss 0.7649173
gen_loss_GAN 1.8951217
gen_loss_L1 0.2122156
recording summary
progress epoch 33 step 1180 image/sec 4.8 remaining 306m
discrim_loss 0.73621356
gen_loss_GAN 1.9147748
gen_loss_L1 0.20691875
progress epoch 33 step 1230 image/sec 4.8 remaining 305m
discrim_loss 0.7143889
gen_loss_GAN 2.0025327
gen_loss_L1 0.22174773
recording summary
progress epoch 33 step 1279 image/sec 4.8 remaining 305m
discrim_loss 0.7339605
gen_loss_GAN 1.9642498
gen_loss_L1 0.22064815
progress epoch 34 step 19 image/sec 4.8 remaining 305m
discrim_loss 0.70959795
gen_loss_GAN 1.9755797
gen_loss_L1 0.21611644
recording summary
progress epoch 34 step 69 image/sec 4.8 remaining 305m
discrim_loss 0.7119133

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gen_loss_GAN 1.9830741
gen_loss_L1 0.21095465
progress epoch 34 step 119 image/sec 4.8 remaining 305m
discrim_loss 0.7497092
gen_loss_GAN 1.9256145
gen_loss_L1 0.21642913
recording summary
progress epoch 34 step 169 image/sec 4.8 remaining 305m
discrim_loss 0.768583
gen_loss_GAN 1.9689434
gen_loss_L1 0.21928976
progress epoch 34 step 219 image/sec 4.8 remaining 304m
discrim_loss 0.7098932
gen_loss_GAN 2.0827527
gen_loss_L1 0.22681077
recording summary
progress epoch 34 step 269 image/sec 4.8 remaining 304m
discrim_loss 0.67561376
gen_loss_GAN 2.127019
gen_loss_L1 0.2325967
progress epoch 34 step 320 image/sec 4.8 remaining 304m
discrim_loss 0.7929943
gen_loss_GAN 2.0912075
gen_loss_L1 0.2340694
recording summary
progress epoch 34 step 369 image/sec 4.8 remaining 304m
discrim_loss 0.81170535
gen_loss_GAN 2.0314515
gen_loss_L1 0.22295046
progress epoch 34 step 419 image/sec 4.8 remaining 304m
discrim_loss 0.794331
gen_loss_GAN 2.013009
gen_loss_L1 0.21755978
recording summary
progress epoch 34 step 469 image/sec 4.8 remaining 303m
discrim_loss 0.7156334
gen_loss_GAN 2.0299158
gen_loss_L1 0.2228492
progress epoch 34 step 519 image/sec 4.8 remaining 303m
discrim_loss 0.6773414
gen_loss_GAN 2.0153496
gen_loss_L1 0.2177867
recording summary
progress epoch 34 step 569 image/sec 4.8 remaining 303m
discrim_loss 0.7503609
gen_loss_GAN 2.0758405
gen_loss_L1 0.2174514
progress epoch 34 step 620 image/sec 4.8 remaining 303m

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discrim_loss 0.7198386
gen_loss_GAN 2.0579484
gen_loss_L1 0.21339896
recording summary
progress epoch 34 step 669 image/sec 4.8 remaining 303m
discrim_loss 0.68377334
gen_loss_GAN 2.0294716
gen_loss_L1 0.21254984
progress epoch 34 step 719 image/sec 4.8 remaining 303m
discrim_loss 0.7259889
gen_loss_GAN 1.9542964
gen_loss_L1 0.20930764
recording summary
progress epoch 34 step 769 image/sec 4.8 remaining 302m
discrim_loss 0.73436165
gen_loss_GAN 1.9974236
gen_loss_L1 0.21260059
progress epoch 34 step 819 image/sec 4.8 remaining 302m
discrim_loss 0.7484175
gen_loss_GAN 1.9796944
gen_loss_L1 0.21135527
recording summary
progress epoch 34 step 870 image/sec 4.8 remaining 302m
discrim_loss 0.71736676
gen_loss_GAN 2.0755959
gen_loss_L1 0.21546978
progress epoch 34 step 919 image/sec 4.8 remaining 302m
discrim_loss 0.6946258
gen_loss_GAN 2.0086803
gen_loss_L1 0.20735475
recording summary
progress epoch 34 step 970 image/sec 4.8 remaining 302m
discrim_loss 0.627433
gen_loss_GAN 2.1128871
gen_loss_L1 0.22727022
progress epoch 34 step 1019 image/sec 4.8 remaining 301m
discrim_loss 0.6887173
gen_loss_GAN 2.0837715
gen_loss_L1 0.2242695
recording summary
progress epoch 34 step 1070 image/sec 4.8 remaining 301m
discrim_loss 0.7167017
gen_loss_GAN 2.08857
gen_loss_L1 0.2250643
progress epoch 34 step 1119 image/sec 4.8 remaining 301m
discrim_loss 0.74127805
gen_loss_GAN 2.0637136
gen_loss_L1 0.22455396

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recording summary
progress epoch 34 step 1169 image/sec 4.8 remaining 301m
discrim_loss 0.6930981
gen_loss_GAN 2.1147602
gen_loss_L1 0.233751
progress epoch 34 step 1219 image/sec 4.8 remaining 301m
discrim_loss 0.7642333
gen_loss_GAN 2.1038187
gen_loss_L1 0.23039849
recording summary
progress epoch 34 step 1269 image/sec 4.8 remaining 301m
discrim_loss 0.7369511
gen_loss_GAN 2.0964532
gen_loss_L1 0.23333311
progress epoch 35 step 9 image/sec 4.8 remaining 300m
discrim_loss 0.7516134
gen_loss_GAN 2.04481
gen_loss_L1 0.23177454
recording summary
progress epoch 35 step 59 image/sec 4.8 remaining 300m
discrim_loss 0.78280205
gen_loss_GAN 1.9566308
gen_loss_L1 0.22009306
progress epoch 35 step 109 image/sec 4.8 remaining 300m
discrim_loss 0.7817453
gen_loss_GAN 2.0190918
gen_loss_L1 0.2200051
recording summary
progress epoch 35 step 159 image/sec 4.8 remaining 300m
discrim_loss 0.8182501
gen_loss_GAN 1.9417341
gen_loss_L1 0.22182581
progress epoch 35 step 209 image/sec 4.8 remaining 300m
discrim_loss 0.7865528
gen_loss_GAN 1.9524161
gen_loss_L1 0.22288637
recording summary
progress epoch 35 step 259 image/sec 4.8 remaining 300m
discrim_loss 0.8096507
gen_loss_GAN 1.908785
gen_loss_L1 0.20902003
progress epoch 35 step 310 image/sec 4.8 remaining 299m
discrim_loss 0.74770594
gen_loss_GAN 1.9280066
gen_loss_L1 0.22122541
recording summary
progress epoch 35 step 360 image/sec 4.8 remaining 299m
discrim_loss 0.7076206

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gen_loss_GAN 2.0570245
gen_loss_L1 0.21717285
progress epoch 35 step 409 image/sec 4.8 remaining 299m
discrim_loss 0.6803244
gen_loss_GAN 2.050443
gen_loss_L1 0.22003098
recording summary
progress epoch 35 step 460 image/sec 4.8 remaining 299m
discrim_loss 0.7649439
gen_loss_GAN 1.9937325
gen_loss_L1 0.21283828
saving model
progress epoch 35 step 509 image/sec 4.8 remaining 299m
discrim_loss 0.70682603
gen_loss_GAN 2.0140858
gen_loss_L1 0.22429995
recording summary
progress epoch 35 step 559 image/sec 4.8 remaining 299m
discrim_loss 0.6804417
gen_loss_GAN 1.9840894
gen_loss_L1 0.22948226
progress epoch 35 step 609 image/sec 4.8 remaining 298m
discrim_loss 0.7010999
gen_loss_GAN 1.9376515
gen_loss_L1 0.22311896
recording summary
progress epoch 35 step 659 image/sec 4.8 remaining 298m
discrim_loss 0.6932353
gen_loss_GAN 1.9783616
gen_loss_L1 0.21981932
progress epoch 35 step 709 image/sec 4.8 remaining 298m
discrim_loss 0.7559953
gen_loss_GAN 1.9283823
gen_loss_L1 0.22054356
recording summary
progress epoch 35 step 760 image/sec 4.8 remaining 298m
discrim_loss 0.72432977
gen_loss_GAN 1.9296324
gen_loss_L1 0.22414477
progress epoch 35 step 810 image/sec 4.8 remaining 298m
discrim_loss 0.7158808
gen_loss_GAN 2.0587358
gen_loss_L1 0.22748059
recording summary
progress epoch 35 step 859 image/sec 4.8 remaining 298m
discrim_loss 0.76102626
gen_loss_GAN 1.9880915
gen_loss_L1 0.22743277

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progress epoch 35 step 909 image/sec 4.8 remaining 297m
discrim_loss 0.7324286
gen_loss_GAN 2.0445366
gen_loss_L1 0.22607207
recording summary
progress epoch 35 step 960 image/sec 4.8 remaining 297m
discrim_loss 0.75734633
gen_loss_GAN 2.0954185
gen_loss_L1 0.2238205
progress epoch 35 step 1009 image/sec 4.8 remaining 297m
discrim_loss 0.73198473
gen_loss_GAN 2.0632172
gen_loss_L1 0.22650631
recording summary
progress epoch 35 step 1059 image/sec 4.8 remaining 297m
discrim_loss 0.7152139
gen_loss_GAN 2.0192833
gen_loss_L1 0.21618636
progress epoch 35 step 1109 image/sec 4.8 remaining 297m
discrim_loss 0.71312344
gen_loss_GAN 2.0490117
gen_loss_L1 0.22017272
recording summary
progress epoch 35 step 1159 image/sec 4.8 remaining 297m
discrim_loss 0.7191128
gen_loss_GAN 2.0530162
gen_loss_L1 0.21764553
progress epoch 35 step 1209 image/sec 4.8 remaining 296m
discrim_loss 0.71305317
gen_loss_GAN 2.040213
gen_loss_L1 0.21864077
recording summary
progress epoch 35 step 1259 image/sec 4.8 remaining 296m
discrim_loss 0.72630703
gen_loss_GAN 2.0443625
gen_loss_L1 0.2195155
progress epoch 35 step 1309 image/sec 4.8 remaining 296m
discrim_loss 0.7515877
gen_loss_GAN 2.0554304
gen_loss_L1 0.21914975
recording summary
progress epoch 36 step 49 image/sec 4.8 remaining 296m
discrim_loss 0.8225616
gen_loss_GAN 1.9979519
gen_loss_L1 0.20968813
progress epoch 36 step 99 image/sec 4.8 remaining 296m
discrim_loss 0.8011469
gen_loss_GAN 1.9577874

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gen_loss_L1 0.21305251
recording summary
progress epoch 36 step 149 image/sec 4.8 remaining 296m
discrim_loss 0.7985601
gen_loss_GAN 1.968386
gen_loss_L1 0.21504492
progress epoch 36 step 200 image/sec 4.8 remaining 295m
discrim_loss 0.8348075
gen_loss_GAN 1.911708
gen_loss_L1 0.21338893
recording summary
progress epoch 36 step 249 image/sec 4.8 remaining 295m
discrim_loss 0.800407
gen_loss_GAN 1.8854603
gen_loss_L1 0.20439836
progress epoch 36 step 299 image/sec 4.8 remaining 295m
discrim_loss 0.73250103
gen_loss_GAN 1.9090303
gen_loss_L1 0.2158812
recording summary
progress epoch 36 step 349 image/sec 4.8 remaining 295m
discrim_loss 0.69245076
gen_loss_GAN 1.9700326
gen_loss_L1 0.22025417
progress epoch 36 step 399 image/sec 4.8 remaining 295m
discrim_loss 0.6646732
gen_loss_GAN 1.9837688
gen_loss_L1 0.22634709
recording summary
progress epoch 36 step 450 image/sec 4.8 remaining 294m
discrim_loss 0.7058543
gen_loss_GAN 2.0645447
gen_loss_L1 0.22488847
progress epoch 36 step 499 image/sec 4.8 remaining 294m
discrim_loss 0.7110373
gen_loss_GAN 2.0861225
gen_loss_L1 0.22897102
recording summary
progress epoch 36 step 549 image/sec 4.8 remaining 294m
discrim_loss 0.7159906
gen_loss_GAN 2.0798678
gen_loss_L1 0.22771987
progress epoch 36 step 599 image/sec 4.8 remaining 294m
discrim_loss 0.7358837
gen_loss_GAN 2.064186
gen_loss_L1 0.21785761
recording summary
progress epoch 36 step 650 image/sec 4.8 remaining 294m

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discrim_loss 0.68756926
gen_loss_GAN 2.075173
gen_loss_L1 0.22086364
progress epoch 36 step 700 image/sec 4.8 remaining 294m
discrim_loss 0.7038774
gen_loss_GAN 2.0292227
gen_loss_L1 0.22223282
recording summary
progress epoch 36 step 749 image/sec 4.8 remaining 293m
discrim_loss 0.74310505
gen_loss_GAN 2.01946
gen_loss_L1 0.2130898
progress epoch 36 step 799 image/sec 4.8 remaining 293m
discrim_loss 0.69803524
gen_loss_GAN 2.0972311
gen_loss_L1 0.21665116
recording summary
progress epoch 36 step 849 image/sec 4.8 remaining 293m
discrim_loss 0.7231662
gen_loss_GAN 2.0251966
gen_loss_L1 0.22231784
progress epoch 36 step 899 image/sec 4.8 remaining 293m
discrim_loss 0.77315646
gen_loss_GAN 2.00954
gen_loss_L1 0.21469763
recording summary
progress epoch 36 step 949 image/sec 4.8 remaining 293m
discrim_loss 0.7756573
gen_loss_GAN 1.9432446
gen_loss_L1 0.21343377
progress epoch 36 step 999 image/sec 4.8 remaining 292m
discrim_loss 0.7916636
gen_loss_GAN 1.9847068
gen_loss_L1 0.22460476
recording summary
progress epoch 36 step 1049 image/sec 4.8 remaining 292m
discrim_loss 0.76118225
gen_loss_GAN 2.0005736
gen_loss_L1 0.23116551
progress epoch 36 step 1100 image/sec 4.8 remaining 292m
discrim_loss 0.7206454
gen_loss_GAN 1.9800365
gen_loss_L1 0.22191945
recording summary
progress epoch 36 step 1150 image/sec 4.8 remaining 292m
discrim_loss 0.761726
gen_loss_GAN 1.9908645
gen_loss_L1 0.22039226

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progress epoch 36 step 1200 image/sec 4.8 remaining 292m
discrim_loss 0.7587279
gen_loss_GAN 1.9978048
gen_loss_L1 0.21435238
recording summary
progress epoch 36 step 1249 image/sec 4.8 remaining 292m
discrim_loss 0.7581744
gen_loss_GAN 2.010873
gen_loss_L1 0.21118721
progress epoch 36 step 1299 image/sec 4.8 remaining 291m
discrim_loss 0.71235067
gen_loss_GAN 2.023215
gen_loss_L1 0.23220482
recording summary
progress epoch 37 step 39 image/sec 4.8 remaining 291m
discrim_loss 0.75681525
gen_loss_GAN 1.9751041
gen_loss_L1 0.22560437
progress epoch 37 step 90 image/sec 4.8 remaining 291m
discrim_loss 0.7559332
gen_loss_GAN 1.966762
gen_loss_L1 0.22123148
recording summary
progress epoch 37 step 139 image/sec 4.8 remaining 291m
discrim_loss 0.8170288
gen_loss_GAN 1.9702057
gen_loss_L1 0.2234047
progress epoch 37 step 189 image/sec 4.8 remaining 291m
discrim_loss 0.7537286
gen_loss_GAN 1.965315
gen_loss_L1 0.22350709
recording summary
progress epoch 37 step 240 image/sec 4.8 remaining 291m
discrim_loss 0.7150435
gen_loss_GAN 2.0359662
gen_loss_L1 0.23943783
progress epoch 37 step 289 image/sec 4.8 remaining 290m
discrim_loss 0.71378654
gen_loss_GAN 1.9260328
gen_loss_L1 0.22120294
recording summary
progress epoch 37 step 339 image/sec 4.8 remaining 290m
discrim_loss 0.7620293
gen_loss_GAN 1.9651201
gen_loss_L1 0.220747
progress epoch 37 step 389 image/sec 4.8 remaining 290m
discrim_loss 0.76123136
gen_loss_GAN 1.9313067

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gen_loss_L1 0.21099076
recording summary
progress epoch 37 step 439 image/sec 4.8 remaining 290m
discrim_loss 0.8081666
gen_loss_GAN 1.9429661
gen_loss_L1 0.21250194
progress epoch 37 step 489 image/sec 4.8 remaining 290m
discrim_loss 0.8060135
gen_loss_GAN 1.9939362
gen_loss_L1 0.2156455
recording summary
progress epoch 37 step 539 image/sec 4.8 remaining 290m
discrim_loss 0.79301167
gen_loss_GAN 1.9640653
gen_loss_L1 0.20912984
progress epoch 37 step 589 image/sec 4.8 remaining 289m
discrim_loss 0.76392466
gen_loss_GAN 1.9108481
gen_loss_L1 0.21161745
recording summary
progress epoch 37 step 639 image/sec 4.8 remaining 289m
discrim_loss 0.7472752
gen_loss_GAN 1.9767926
gen_loss_L1 0.2324866
progress epoch 37 step 690 image/sec 4.8 remaining 289m
discrim_loss 0.742029
gen_loss_GAN 1.8930631
gen_loss_L1 0.22829989
recording summary
progress epoch 37 step 739 image/sec 4.8 remaining 289m
discrim_loss 0.6748877
gen_loss_GAN 1.9651378
gen_loss_L1 0.2261886
progress epoch 37 step 790 image/sec 4.8 remaining 289m
discrim_loss 0.67423207
gen_loss_GAN 1.9917681
gen_loss_L1 0.22299567
recording summary
progress epoch 37 step 840 image/sec 4.8 remaining 288m
discrim_loss 0.65226287
gen_loss_GAN 2.0232515
gen_loss_L1 0.22884102
progress epoch 37 step 889 image/sec 4.8 remaining 288m
discrim_loss 0.6753628
gen_loss_GAN 2.0013852
gen_loss_L1 0.22190948
recording summary
progress epoch 37 step 939 image/sec 4.8 remaining 288m

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discrim_loss 0.6803484
gen_loss_GAN 2.046961
gen_loss_L1 0.23223278
progress epoch 37 step 989 image/sec 4.8 remaining 288m
discrim_loss 0.703169
gen_loss_GAN 2.0247407
gen_loss_L1 0.22820413
recording summary
progress epoch 37 step 1040 image/sec 4.8 remaining 288m
discrim_loss 0.7246844
gen_loss_GAN 2.0911558
gen_loss_L1 0.21841657
progress epoch 37 step 1089 image/sec 4.8 remaining 288m
discrim_loss 0.792334
gen_loss_GAN 1.9989206
gen_loss_L1 0.21622302
recording summary
progress epoch 37 step 1139 image/sec 4.8 remaining 287m
discrim_loss 0.8033275
gen_loss_GAN 1.9587843
gen_loss_L1 0.2160116
progress epoch 37 step 1190 image/sec 4.8 remaining 287m
discrim_loss 0.8072951
gen_loss_GAN 1.9929992
gen_loss_L1 0.21210352
recording summary
progress epoch 37 step 1239 image/sec 4.8 remaining 287m
discrim_loss 0.72276074
gen_loss_GAN 2.0871036
gen_loss_L1 0.21297896
progress epoch 37 step 1289 image/sec 4.8 remaining 287m
discrim_loss 0.69449437
gen_loss_GAN 1.9853708
gen_loss_L1 0.2179292
recording summary
progress epoch 38 step 29 image/sec 4.8 remaining 287m
discrim_loss 0.68547475
gen_loss_GAN 2.0645764
gen_loss_L1 0.22367994
progress epoch 38 step 79 image/sec 4.8 remaining 287m
discrim_loss 0.7572034
gen_loss_GAN 2.0674202
gen_loss_L1 0.22238076
recording summary
progress epoch 38 step 129 image/sec 4.8 remaining 286m
discrim_loss 0.70652425
gen_loss_GAN 2.0780888
gen_loss_L1 0.21471323

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progress epoch 38 step 179 image/sec 4.8 remaining 286m
discrim_loss 0.72487426
gen_loss_GAN 2.1070478
gen_loss_L1 0.22165933
recording summary
progress epoch 38 step 229 image/sec 4.8 remaining 286m
discrim_loss 0.7036946
gen_loss_GAN 2.0519633
gen_loss_L1 0.2212228
progress epoch 38 step 279 image/sec 4.8 remaining 286m
discrim_loss 0.68798316
gen_loss_GAN 2.1186614
gen_loss_L1 0.22172497
recording summary
progress epoch 38 step 329 image/sec 4.8 remaining 286m
discrim_loss 0.7039866
gen_loss_GAN 2.036475
gen_loss_L1 0.220931
progress epoch 38 step 379 image/sec 4.8 remaining 285m
discrim_loss 0.74902695
gen_loss_GAN 2.0418646
gen_loss_L1 0.22323604
recording summary
progress epoch 38 step 429 image/sec 4.8 remaining 285m
discrim_loss 0.78333503
gen_loss_GAN 1.9836224
gen_loss_L1 0.22471881
progress epoch 38 step 479 image/sec 4.8 remaining 285m
discrim_loss 0.8235193
gen_loss_GAN 1.983707
gen_loss_L1 0.21782184
recording summary
progress epoch 38 step 530 image/sec 4.8 remaining 285m
discrim_loss 0.7724872
gen_loss_GAN 2.0230746
gen_loss_L1 0.22370052
progress epoch 38 step 579 image/sec 4.8 remaining 285m
discrim_loss 0.7264139
gen_loss_GAN 2.0606496
gen_loss_L1 0.23176081
recording summary
progress epoch 38 step 629 image/sec 4.8 remaining 285m
discrim_loss 0.714458
gen_loss_GAN 2.024653
gen_loss_L1 0.23712353
progress epoch 38 step 679 image/sec 4.8 remaining 284m
discrim_loss 0.74050814
gen_loss_GAN 2.001911

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gen_loss_L1 0.21814942
recording summary
progress epoch 38 step 729 image/sec 4.8 remaining 284m
discrim_loss 0.7003889
gen_loss_GAN 2.0530057
gen_loss_L1 0.22563866
progress epoch 38 step 779 image/sec 4.8 remaining 284m
discrim_loss 0.7325208
gen_loss_GAN 2.0428455
gen_loss_L1 0.21900843
recording summary
progress epoch 38 step 829 image/sec 4.8 remaining 284m
discrim_loss 0.7391784
gen_loss_GAN 2.0872939
gen_loss_L1 0.22202443
progress epoch 38 step 879 image/sec 4.8 remaining 284m
discrim_loss 0.7526862
gen_loss_GAN 2.0482852
gen_loss_L1 0.21476713
recording summary
progress epoch 38 step 929 image/sec 4.8 remaining 284m
discrim_loss 0.7574181
gen_loss_GAN 2.0579739
gen_loss_L1 0.21326709
progress epoch 38 step 979 image/sec 4.8 remaining 283m
discrim_loss 0.7486408
gen_loss_GAN 1.9993577
gen_loss_L1 0.20832673
recording summary
progress epoch 38 step 1029 image/sec 4.8 remaining 283m
discrim_loss 0.81956625
gen_loss_GAN 1.9951824
gen_loss_L1 0.21041147
progress epoch 38 step 1079 image/sec 4.8 remaining 283m
discrim_loss 0.73832077
gen_loss_GAN 1.9939386
gen_loss_L1 0.21958236
recording summary
progress epoch 38 step 1129 image/sec 4.8 remaining 283m
discrim_loss 0.726215
gen_loss_GAN 1.9965396
gen_loss_L1 0.22737901
progress epoch 38 step 1179 image/sec 4.8 remaining 283m
discrim_loss 0.6911309
gen_loss_GAN 2.0088174
gen_loss_L1 0.21773537
recording summary
progress epoch 38 step 1229 image/sec 4.8 remaining 283m

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discrim_loss 0.7560837
gen_loss_GAN 2.040771
gen_loss_L1 0.21574236
progress epoch 38 step 1279 image/sec 4.8 remaining 282m
discrim_loss 0.78352505
gen_loss_GAN 2.0276575
gen_loss_L1 0.20994699
recording summary
progress epoch 39 step 19 image/sec 4.8 remaining 282m
discrim_loss 0.76478064
gen_loss_GAN 1.9659451
gen_loss_L1 0.21494539
progress epoch 39 step 69 image/sec 4.8 remaining 282m
discrim_loss 0.7054337
gen_loss_GAN 2.0565007
gen_loss_L1 0.22238457
recording summary
progress epoch 39 step 119 image/sec 4.8 remaining 282m
discrim_loss 0.6853454
gen_loss_GAN 2.0691752
gen_loss_L1 0.23326977
progress epoch 39 step 169 image/sec 4.8 remaining 282m
discrim_loss 0.7337651
gen_loss_GAN 2.0636513
gen_loss_L1 0.2258546
recording summary
progress epoch 39 step 220 image/sec 4.8 remaining 281m
discrim_loss 0.74359584
gen_loss_GAN 2.015349
gen_loss_L1 0.21350063
saving model
progress epoch 39 step 269 image/sec 4.8 remaining 281m
discrim_loss 0.74720037
gen_loss_GAN 2.0380363
gen_loss_L1 0.20889753
recording summary
progress epoch 39 step 319 image/sec 4.8 remaining 281m
discrim_loss 0.74660736
gen_loss_GAN 2.044387
gen_loss_L1 0.21630248
progress epoch 39 step 369 image/sec 4.8 remaining 281m
discrim_loss 0.77001554
gen_loss_GAN 1.9479457
gen_loss_L1 0.21312991
recording summary
progress epoch 39 step 420 image/sec 4.8 remaining 281m
discrim_loss 0.7548398
gen_loss_GAN 1.9287289

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gen_loss_L1 0.21597753
progress epoch 39 step 469 image/sec 4.8 remaining 281m
discrim_loss 0.74825835
gen_loss_GAN 2.013648
gen_loss_L1 0.22168563
recording summary
progress epoch 39 step 520 image/sec 4.8 remaining 281m
discrim_loss 0.8032214
gen_loss_GAN 1.9455078
gen_loss_L1 0.2209211
progress epoch 39 step 569 image/sec 4.8 remaining 280m
discrim_loss 0.7477897
gen_loss_GAN 1.958764
gen_loss_L1 0.21882395
recording summary
progress epoch 39 step 619 image/sec 4.8 remaining 280m
discrim_loss 0.69539946
gen_loss_GAN 2.018613
gen_loss_L1 0.22754787
progress epoch 39 step 669 image/sec 4.8 remaining 280m
discrim_loss 0.66111547
gen_loss_GAN 2.1533778
gen_loss_L1 0.23660958
recording summary
progress epoch 39 step 720 image/sec 4.8 remaining 280m
discrim_loss 0.6563863
gen_loss_GAN 2.0975862
gen_loss_L1 0.21994379
progress epoch 39 step 769 image/sec 4.8 remaining 280m
discrim_loss 0.7010524
gen_loss_GAN 2.0067527
gen_loss_L1 0.22657922
recording summary
progress epoch 39 step 819 image/sec 4.8 remaining 279m
discrim_loss 0.71308553
gen_loss_GAN 1.9951864
gen_loss_L1 0.2182854
progress epoch 39 step 869 image/sec 4.8 remaining 279m
discrim_loss 0.74654466
gen_loss_GAN 2.0185921
gen_loss_L1 0.21276426
recording summary
progress epoch 39 step 919 image/sec 4.8 remaining 279m
discrim_loss 0.69761413
gen_loss_GAN 2.050907
gen_loss_L1 0.21376178
progress epoch 39 step 969 image/sec 4.8 remaining 279m
discrim_loss 0.7437786

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gen_loss_GAN 1.9466829
gen_loss_L1 0.20482661
recording summary
progress epoch 39 step 1019 image/sec 4.8 remaining 279m
discrim_loss 0.7418342
gen_loss_GAN 1.9812016
gen_loss_L1 0.20433307
progress epoch 39 step 1069 image/sec 4.8 remaining 279m
discrim_loss 0.73820424
gen_loss_GAN 1.9841089
gen_loss_L1 0.21601115
recording summary
progress epoch 39 step 1119 image/sec 4.8 remaining 278m
discrim_loss 0.7925824
gen_loss_GAN 1.9457823
gen_loss_L1 0.22264369
progress epoch 39 step 1169 image/sec 4.8 remaining 278m
discrim_loss 0.6996994
gen_loss_GAN 2.0076778
gen_loss_L1 0.2289515
recording summary
progress epoch 39 step 1220 image/sec 4.8 remaining 278m
discrim_loss 0.7102774
gen_loss_GAN 2.0274467
gen_loss_L1 0.22203065
progress epoch 39 step 1269 image/sec 4.8 remaining 278m
discrim_loss 0.7193132
gen_loss_GAN 2.071479
gen_loss_L1 0.22640987
recording summary
progress epoch 40 step 9 image/sec 4.8 remaining 278m
discrim_loss 0.7214378
gen_loss_GAN 2.0059943
gen_loss_L1 0.22181478
progress epoch 40 step 59 image/sec 4.8 remaining 277m
discrim_loss 0.7097571
gen_loss_GAN 2.012153
gen_loss_L1 0.2128714
recording summary
progress epoch 40 step 109 image/sec 4.8 remaining 277m
discrim_loss 0.70563835
gen_loss_GAN 2.0217645
gen_loss_L1 0.22049987
progress epoch 40 step 159 image/sec 4.8 remaining 277m
discrim_loss 0.7147546
gen_loss_GAN 2.0597465
gen_loss_L1 0.2110521
recording summary

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progress epoch 40 step 210 image/sec 4.8 remaining 277m
discrim_loss 0.6814894
gen_loss_GAN 2.1396916
gen_loss_L1 0.22076893
progress epoch 40 step 259 image/sec 4.8 remaining 277m
discrim_loss 0.78768873
gen_loss_GAN 2.1173456
gen_loss_L1 0.21612775
recording summary
progress epoch 40 step 309 image/sec 4.8 remaining 277m
discrim_loss 0.80386657
gen_loss_GAN 1.9983392
gen_loss_L1 0.22142117
progress epoch 40 step 359 image/sec 4.8 remaining 276m
discrim_loss 0.7448633
gen_loss_GAN 2.0135045
gen_loss_L1 0.2248615
recording summary
progress epoch 40 step 409 image/sec 4.8 remaining 276m
discrim_loss 0.7113832
gen_loss_GAN 2.0536883
gen_loss_L1 0.22545731
progress epoch 40 step 459 image/sec 4.8 remaining 276m
discrim_loss 0.7295581
gen_loss_GAN 2.005899
gen_loss_L1 0.22078326
recording summary
progress epoch 40 step 510 image/sec 4.8 remaining 276m
discrim_loss 0.7897067
gen_loss_GAN 2.0491712
gen_loss_L1 0.21366426
progress epoch 40 step 559 image/sec 4.8 remaining 276m
discrim_loss 0.7921555
gen_loss_GAN 2.0003228
gen_loss_L1 0.2171543
recording summary
progress epoch 40 step 610 image/sec 4.8 remaining 276m
discrim_loss 0.8382506
gen_loss_GAN 1.9436905
gen_loss_L1 0.21249428
progress epoch 40 step 659 image/sec 4.8 remaining 275m
discrim_loss 0.7866786
gen_loss_GAN 1.9184741
gen_loss_L1 0.21482033
recording summary
progress epoch 40 step 709 image/sec 4.8 remaining 275m
discrim_loss 0.7917461
gen_loss_GAN 1.9604682

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gen_loss_L1 0.22428045
progress epoch 40 step 759 image/sec 4.8 remaining 275m
discrim_loss 0.6941771
gen_loss_GAN 2.050652
gen_loss_L1 0.22655432
recording summary
progress epoch 40 step 809 image/sec 4.8 remaining 275m
discrim_loss 0.67836344
gen_loss_GAN 2.074384
gen_loss_L1 0.21628033
progress epoch 40 step 859 image/sec 4.8 remaining 275m
discrim_loss 0.70492816
gen_loss_GAN 2.086681
gen_loss_L1 0.21350044
recording summary
progress epoch 40 step 910 image/sec 4.8 remaining 275m
discrim_loss 0.71537364
gen_loss_GAN 2.0795965
gen_loss_L1 0.21630667
progress epoch 40 step 959 image/sec 4.8 remaining 274m
discrim_loss 0.64899737
gen_loss_GAN 2.1264577
gen_loss_L1 0.21845564
recording summary
progress epoch 40 step 1009 image/sec 4.8 remaining 274m
discrim_loss 0.6775638
gen_loss_GAN 2.0988011
gen_loss_L1 0.21669981
progress epoch 40 step 1059 image/sec 4.8 remaining 274m
discrim_loss 0.65868115
gen_loss_GAN 2.1348798
gen_loss_L1 0.22151583
recording summary
progress epoch 40 step 1109 image/sec 4.8 remaining 274m
discrim_loss 0.6874937
gen_loss_GAN 2.1134357
gen_loss_L1 0.22689743
progress epoch 40 step 1160 image/sec 4.8 remaining 274m
discrim_loss 0.638152
gen_loss_GAN 2.2485116
gen_loss_L1 0.2234568
recording summary
progress epoch 40 step 1209 image/sec 4.8 remaining 274m
discrim_loss 0.7776318
gen_loss_GAN 2.0773804
gen_loss_L1 0.21849467
progress epoch 40 step 1259 image/sec 4.8 remaining 273m
discrim_loss 0.79233795

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gen_loss_GAN 2.0302098
gen_loss_L1 0.22049043
recording summary
progress epoch 40 step 1309 image/sec 4.8 remaining 273m
discrim_loss 0.79171413
gen_loss_GAN 2.002223
gen_loss_L1 0.21392222
progress epoch 41 step 49 image/sec 4.8 remaining 273m
discrim_loss 0.823727
gen_loss_GAN 1.9715638
gen_loss_L1 0.21270853
recording summary
progress epoch 41 step 99 image/sec 4.8 remaining 273m
discrim_loss 0.8028197
gen_loss_GAN 1.8860106
gen_loss_L1 0.20358956
progress epoch 41 step 149 image/sec 4.8 remaining 273m
discrim_loss 0.7628324
gen_loss_GAN 1.9000288
gen_loss_L1 0.20880966
recording summary
progress epoch 41 step 199 image/sec 4.8 remaining 272m
discrim_loss 0.7028611
gen_loss_GAN 1.9802886
gen_loss_L1 0.21726081
progress epoch 41 step 249 image/sec 4.8 remaining 272m
discrim_loss 0.77043915
gen_loss_GAN 1.9667504
gen_loss_L1 0.21666086
recording summary
progress epoch 41 step 300 image/sec 4.8 remaining 272m
discrim_loss 0.6794307
gen_loss_GAN 2.044137
gen_loss_L1 0.22976734
progress epoch 41 step 349 image/sec 4.8 remaining 272m
discrim_loss 0.6703277
gen_loss_GAN 2.0303748
gen_loss_L1 0.22189593
recording summary
progress epoch 41 step 399 image/sec 4.8 remaining 272m
discrim_loss 0.70266014
gen_loss_GAN 2.0706494
gen_loss_L1 0.22366804
progress epoch 41 step 449 image/sec 4.8 remaining 272m
discrim_loss 0.7541996
gen_loss_GAN 1.9722538
gen_loss_L1 0.21429022
recording summary

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progress epoch 41 step 499 image/sec 4.8 remaining 271m
discrim_loss 0.76545656
gen_loss_GAN 1.9501194
gen_loss_L1 0.22051156
progress epoch 41 step 549 image/sec 4.8 remaining 271m
discrim_loss 0.7066467
gen_loss_GAN 2.0803015
gen_loss_L1 0.23039551
recording summary
progress epoch 41 step 599 image/sec 4.8 remaining 271m
discrim_loss 0.7533194
gen_loss_GAN 2.0593722
gen_loss_L1 0.21814266
progress epoch 41 step 649 image/sec 4.8 remaining 271m
discrim_loss 0.7430689
gen_loss_GAN 2.1223073
gen_loss_L1 0.2205172
recording summary
progress epoch 41 step 699 image/sec 4.8 remaining 271m
discrim_loss 0.7171162
gen_loss_GAN 2.082656
gen_loss_L1 0.22331032
progress epoch 41 step 749 image/sec 4.8 remaining 270m
discrim_loss 0.7545396
gen_loss_GAN 2.0453527
gen_loss_L1 0.23042569
recording summary
progress epoch 41 step 799 image/sec 4.8 remaining 270m
discrim_loss 0.734476
gen_loss_GAN 2.0593653
gen_loss_L1 0.22518076
progress epoch 41 step 849 image/sec 4.8 remaining 270m
discrim_loss 0.75913084
gen_loss_GAN 1.9728844
gen_loss_L1 0.22039174
recording summary
progress epoch 41 step 899 image/sec 4.8 remaining 270m
discrim_loss 0.7703952
gen_loss_GAN 1.9577926
gen_loss_L1 0.21827102
progress epoch 41 step 949 image/sec 4.8 remaining 270m
discrim_loss 0.74891186
gen_loss_GAN 1.9923152
gen_loss_L1 0.22282039
recording summary
progress epoch 41 step 999 image/sec 4.8 remaining 270m
discrim_loss 0.82128686
gen_loss_GAN 1.9684091

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gen_loss_L1 0.21886961
progress epoch 41 step 1049 image/sec 4.8 remaining 269m
discrim_loss 0.75795674
gen_loss_GAN 1.9696468
gen_loss_L1 0.21454464
recording summary
progress epoch 41 step 1099 image/sec 4.8 remaining 269m
discrim_loss 0.75073075
gen_loss_GAN 2.0122602
gen_loss_L1 0.23050283
progress epoch 41 step 1149 image/sec 4.8 remaining 269m
discrim_loss 0.74148923
gen_loss_GAN 2.0646846
gen_loss_L1 0.22423658
recording summary
progress epoch 41 step 1199 image/sec 4.8 remaining 269m
discrim_loss 0.7724538
gen_loss_GAN 1.9529775
gen_loss_L1 0.21604368
progress epoch 41 step 1250 image/sec 4.8 remaining 269m
discrim_loss 0.7107705
gen_loss_GAN 1.9933965
gen_loss_L1 0.21141316
recording summary
progress epoch 41 step 1300 image/sec 4.8 remaining 269m
discrim_loss 0.78020406
gen_loss_GAN 2.0229166
gen_loss_L1 0.21025696
progress epoch 42 step 39 image/sec 4.8 remaining 268m
discrim_loss 0.7284808
gen_loss_GAN 2.048237
gen_loss_L1 0.22080043
recording summary
progress epoch 42 step 90 image/sec 4.8 remaining 268m
discrim_loss 0.7224603
gen_loss_GAN 1.994722
gen_loss_L1 0.21362394
progress epoch 42 step 139 image/sec 4.8 remaining 268m
discrim_loss 0.7115512
gen_loss_GAN 2.0391202
gen_loss_L1 0.21724634
recording summary
progress epoch 42 step 189 image/sec 4.8 remaining 268m
discrim_loss 0.67510957
gen_loss_GAN 2.0268378
gen_loss_L1 0.22239701
progress epoch 42 step 239 image/sec 4.8 remaining 268m
discrim_loss 0.73208797

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gen_loss_GAN 2.0298362
gen_loss_L1 0.22095211
recording summary
progress epoch 42 step 290 image/sec 4.8 remaining 268m
discrim_loss 0.70076543
gen_loss_GAN 1.9756427
gen_loss_L1 0.21404725
progress epoch 42 step 340 image/sec 4.8 remaining 267m
discrim_loss 0.67770517
gen_loss_GAN 2.0682678
gen_loss_L1 0.22936945
recording summary
progress epoch 42 step 389 image/sec 4.8 remaining 267m
discrim_loss 0.6516587
gen_loss_GAN 2.080498
gen_loss_L1 0.22701246
progress epoch 42 step 439 image/sec 4.8 remaining 267m
discrim_loss 0.68112683
gen_loss_GAN 2.084436
gen_loss_L1 0.21820255
recording summary
progress epoch 42 step 489 image/sec 4.8 remaining 267m
discrim_loss 0.73359185
gen_loss_GAN 2.0306013
gen_loss_L1 0.21418966
progress epoch 42 step 539 image/sec 4.8 remaining 267m
discrim_loss 0.76368225
gen_loss_GAN 2.0419505
gen_loss_L1 0.21502529
recording summary
progress epoch 42 step 589 image/sec 4.8 remaining 266m
discrim_loss 0.7477728
gen_loss_GAN 1.9888909
gen_loss_L1 0.21784514
progress epoch 42 step 639 image/sec 4.8 remaining 266m
discrim_loss 0.7207461
gen_loss_GAN 2.0401182
gen_loss_L1 0.21113451
recording summary
progress epoch 42 step 689 image/sec 4.8 remaining 266m
discrim_loss 0.7493056
gen_loss_GAN 2.0157757
gen_loss_L1 0.21384159
progress epoch 42 step 739 image/sec 4.8 remaining 266m
discrim_loss 0.72786003
gen_loss_GAN 1.9880773
gen_loss_L1 0.22069606
recording summary

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progress epoch 42 step 789 image/sec 4.8 remaining 266m
discrim_loss 0.81396407
gen_loss_GAN 1.9971652
gen_loss_L1 0.21355274
progress epoch 42 step 839 image/sec 4.8 remaining 266m
discrim_loss 0.84981424
gen_loss_GAN 1.9512184
gen_loss_L1 0.21374756
recording summary
progress epoch 42 step 890 image/sec 4.8 remaining 265m
discrim_loss 0.87925607
gen_loss_GAN 1.9127481
gen_loss_L1 0.21055591
progress epoch 42 step 939 image/sec 4.8 remaining 265m
discrim_loss 0.8201503
gen_loss_GAN 2.0532722
gen_loss_L1 0.22417997
recording summary
progress epoch 42 step 989 image/sec 4.8 remaining 265m
discrim_loss 0.723383
gen_loss_GAN 2.018539
gen_loss_L1 0.22858937
progress epoch 42 step 1039 image/sec 4.8 remaining 265m
discrim_loss 0.67562836
gen_loss_GAN 2.064838
gen_loss_L1 0.24014509
recording summary
progress epoch 42 step 1090 image/sec 4.8 remaining 265m
discrim_loss 0.6595714
gen_loss_GAN 2.0413892
gen_loss_L1 0.2281895
progress epoch 42 step 1139 image/sec 4.8 remaining 265m
discrim_loss 0.6787959
gen_loss_GAN 2.0323327
gen_loss_L1 0.2277467
recording summary
progress epoch 42 step 1189 image/sec 4.8 remaining 264m
discrim_loss 0.68094474
gen_loss_GAN 1.9739531
gen_loss_L1 0.21067026
progress epoch 42 step 1239 image/sec 4.8 remaining 264m
discrim_loss 0.67744714
gen_loss_GAN 1.9884984
gen_loss_L1 0.21161789
recording summary
progress epoch 42 step 1289 image/sec 4.8 remaining 264m
discrim_loss 0.7476133
gen_loss_GAN 2.0264587

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gen_loss_L1 0.21655431
saving model
progress epoch 43 step 30 image/sec 4.8 remaining 264m
discrim_loss 0.6829117
gen_loss_GAN 2.1017191
gen_loss_L1 0.22089148
recording summary
progress epoch 43 step 79 image/sec 4.8 remaining 264m
discrim_loss 0.66820335
gen_loss_GAN 2.0647352
gen_loss_L1 0.22654785
progress epoch 43 step 130 image/sec 4.8 remaining 264m
discrim_loss 0.75477916
gen_loss_GAN 2.058778
gen_loss_L1 0.21757914
recording summary
progress epoch 43 step 179 image/sec 4.8 remaining 263m
discrim_loss 0.7500945
gen_loss_GAN 1.9831684
gen_loss_L1 0.20647728
progress epoch 43 step 229 image/sec 4.8 remaining 263m
discrim_loss 0.6861633
gen_loss_GAN 2.0855742
gen_loss_L1 0.21598174
recording summary
progress epoch 43 step 279 image/sec 4.8 remaining 263m
discrim_loss 0.77377117
gen_loss_GAN 2.0524733
gen_loss_L1 0.22045623
progress epoch 43 step 329 image/sec 4.8 remaining 263m
discrim_loss 0.71821123
gen_loss_GAN 2.011522
gen_loss_L1 0.21996212
recording summary
progress epoch 43 step 380 image/sec 4.8 remaining 263m
discrim_loss 0.7193178
gen_loss_GAN 2.0023215
gen_loss_L1 0.21471353
progress epoch 43 step 430 image/sec 4.8 remaining 263m
discrim_loss 0.7159492
gen_loss_GAN 1.9739772
gen_loss_L1 0.21695696
recording summary
progress epoch 43 step 480 image/sec 4.8 remaining 262m
discrim_loss 0.7265138
gen_loss_GAN 2.0562928
gen_loss_L1 0.21394308
progress epoch 43 step 529 image/sec 4.8 remaining 262m

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discrim_loss 0.72629476
gen_loss_GAN 1.9854481
gen_loss_L1 0.21861687
recording summary
progress epoch 43 step 580 image/sec 4.8 remaining 262m
discrim_loss 0.72830117
gen_loss_GAN 2.0400288
gen_loss_L1 0.22276862
progress epoch 43 step 629 image/sec 4.8 remaining 262m
discrim_loss 0.740029
gen_loss_GAN 1.9427278
gen_loss_L1 0.22317863
recording summary
progress epoch 43 step 679 image/sec 4.8 remaining 262m
discrim_loss 0.7291012
gen_loss_GAN 1.9760824
gen_loss_L1 0.21934432
progress epoch 43 step 729 image/sec 4.8 remaining 261m
discrim_loss 0.76237655
gen_loss_GAN 2.0089786
gen_loss_L1 0.21054973
recording summary
progress epoch 43 step 779 image/sec 4.8 remaining 261m
discrim_loss 0.7040826
gen_loss_GAN 2.1249146
gen_loss_L1 0.22113875
progress epoch 43 step 829 image/sec 4.8 remaining 261m
discrim_loss 0.6917293
gen_loss_GAN 2.1144116
gen_loss_L1 0.2166015
recording summary
progress epoch 43 step 879 image/sec 4.8 remaining 261m
discrim_loss 0.65996504
gen_loss_GAN 2.1097207
gen_loss_L1 0.22166695
progress epoch 43 step 929 image/sec 4.8 remaining 261m
discrim_loss 0.69419336
gen_loss_GAN 2.1212711
gen_loss_L1 0.22779274
recording summary
progress epoch 43 step 980 image/sec 4.8 remaining 261m
discrim_loss 0.74143773
gen_loss_GAN 2.0402417
gen_loss_L1 0.21885523
progress epoch 43 step 1029 image/sec 4.8 remaining 260m
discrim_loss 0.7851593
gen_loss_GAN 1.9467343
gen_loss_L1 0.22250694

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recording summary
progress epoch 43 step 1079 image/sec 4.8 remaining 260m
discrim_loss 0.7888923
gen_loss_GAN 1.9722444
gen_loss_L1 0.2150237
progress epoch 43 step 1129 image/sec 4.8 remaining 260m
discrim_loss 0.7308967
gen_loss_GAN 1.9894012
gen_loss_L1 0.21009246
recording summary
progress epoch 43 step 1179 image/sec 4.8 remaining 260m
discrim_loss 0.7397395
gen_loss_GAN 1.9869229
gen_loss_L1 0.21928756
progress epoch 43 step 1229 image/sec 4.8 remaining 260m
discrim_loss 0.7309463
gen_loss_GAN 1.9886819
gen_loss_L1 0.220138
recording summary
progress epoch 43 step 1279 image/sec 4.8 remaining 260m
discrim_loss 0.7180522
gen_loss_GAN 2.058049
gen_loss_L1 0.2185713
progress epoch 44 step 19 image/sec 4.8 remaining 259m
discrim_loss 0.7309252
gen_loss_GAN 2.0889766
gen_loss_L1 0.22627655
recording summary
progress epoch 44 step 69 image/sec 4.8 remaining 259m
discrim_loss 0.7570505
gen_loss_GAN 2.0610206
gen_loss_L1 0.22115918
progress epoch 44 step 119 image/sec 4.8 remaining 259m
discrim_loss 0.8051073
gen_loss_GAN 1.9033238
gen_loss_L1 0.20297684
recording summary
progress epoch 44 step 170 image/sec 4.8 remaining 259m
discrim_loss 0.8181013
gen_loss_GAN 1.9259481
gen_loss_L1 0.2049756
progress epoch 44 step 220 image/sec 4.8 remaining 259m
discrim_loss 0.8183815
gen_loss_GAN 1.9220482
gen_loss_L1 0.20891535
recording summary
progress epoch 44 step 269 image/sec 4.8 remaining 258m
discrim_loss 0.77901083

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gen_loss_GAN 1.9697638
gen_loss_L1 0.20279811
progress epoch 44 step 319 image/sec 4.8 remaining 258m
discrim_loss 0.7465152
gen_loss_GAN 1.9421343
gen_loss_L1 0.21008424
recording summary
progress epoch 44 step 369 image/sec 4.8 remaining 258m
discrim_loss 0.76401
gen_loss_GAN 1.971358
gen_loss_L1 0.2239801
progress epoch 44 step 419 image/sec 4.8 remaining 258m
discrim_loss 0.7345198
gen_loss_GAN 1.9438404
gen_loss_L1 0.22267304
recording summary
progress epoch 44 step 469 image/sec 4.8 remaining 258m
discrim_loss 0.7368093
gen_loss_GAN 2.0415254
gen_loss_L1 0.223529
progress epoch 44 step 519 image/sec 4.8 remaining 258m
discrim_loss 0.74843585
gen_loss_GAN 2.0749032
gen_loss_L1 0.2164976
recording summary
progress epoch 44 step 569 image/sec 4.8 remaining 257m
discrim_loss 0.7089909
gen_loss_GAN 2.11824
gen_loss_L1 0.22504403
progress epoch 44 step 620 image/sec 4.8 remaining 257m
discrim_loss 0.7312189
gen_loss_GAN 2.1342819
gen_loss_L1 0.22711001
recording summary
progress epoch 44 step 670 image/sec 4.8 remaining 257m
discrim_loss 0.6689977
gen_loss_GAN 2.1299248
gen_loss_L1 0.22265714
progress epoch 44 step 719 image/sec 4.8 remaining 257m
discrim_loss 0.71771747
gen_loss_GAN 2.1079855
gen_loss_L1 0.22106493
recording summary
progress epoch 44 step 769 image/sec 4.8 remaining 257m
discrim_loss 0.77351594
gen_loss_GAN 1.9860117
gen_loss_L1 0.20225844
progress epoch 44 step 819 image/sec 4.8 remaining 257m

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discrim_loss 0.7523375
gen_loss_GAN 1.9830407
gen_loss_L1 0.21441065
recording summary
progress epoch 44 step 869 image/sec 4.8 remaining 256m
discrim_loss 0.6203903
gen_loss_GAN 2.127425
gen_loss_L1 0.22992891
progress epoch 44 step 920 image/sec 4.8 remaining 256m
discrim_loss 0.6388949
gen_loss_GAN 2.1688495
gen_loss_L1 0.22276562
recording summary
progress epoch 44 step 969 image/sec 4.8 remaining 256m
discrim_loss 0.7348372
gen_loss_GAN 2.0304613
gen_loss_L1 0.21663697
progress epoch 44 step 1020 image/sec 4.8 remaining 256m
discrim_loss 0.68960804
gen_loss_GAN 2.08727
gen_loss_L1 0.21803889
recording summary
progress epoch 44 step 1069 image/sec 4.8 remaining 256m
discrim_loss 0.73172116
gen_loss_GAN 2.0535915
gen_loss_L1 0.22679737
progress epoch 44 step 1119 image/sec 4.8 remaining 255m
discrim_loss 0.7148466
gen_loss_GAN 2.016675
gen_loss_L1 0.22186752
recording summary
progress epoch 44 step 1169 image/sec 4.8 remaining 255m
discrim_loss 0.71095973
gen_loss_GAN 2.068442
gen_loss_L1 0.21800523
progress epoch 44 step 1219 image/sec 4.8 remaining 255m
discrim_loss 0.7629496
gen_loss_GAN 2.0569937
gen_loss_L1 0.21477096
recording summary
progress epoch 44 step 1269 image/sec 4.8 remaining 255m
discrim_loss 0.68225414
gen_loss_GAN 2.0896118
gen_loss_L1 0.21806192
progress epoch 45 step 9 image/sec 4.8 remaining 255m
discrim_loss 0.67483586
gen_loss_GAN 2.1024837
gen_loss_L1 0.21905607

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recording summary
progress epoch 45 step 59 image/sec 4.8 remaining 255m
discrim_loss 0.6851157
gen_loss_GAN 2.112758
gen_loss_L1 0.21877113
progress epoch 45 step 109 image/sec 4.8 remaining 254m
discrim_loss 0.69050545
gen_loss_GAN 2.1330554
gen_loss_L1 0.22101162
recording summary
progress epoch 45 step 159 image/sec 4.8 remaining 254m
discrim_loss 0.75263375
gen_loss_GAN 2.030916
gen_loss_L1 0.21346328
progress epoch 45 step 209 image/sec 4.8 remaining 254m
discrim_loss 0.73141146
gen_loss_GAN 2.0428088
gen_loss_L1 0.21687728
recording summary
progress epoch 45 step 259 image/sec 4.8 remaining 254m
discrim_loss 0.77017033
gen_loss_GAN 1.9884653
gen_loss_L1 0.21470268
progress epoch 45 step 309 image/sec 4.8 remaining 254m
discrim_loss 0.7605001
gen_loss_GAN 1.9775829
gen_loss_L1 0.2160522
recording summary
progress epoch 45 step 359 image/sec 4.8 remaining 254m
discrim_loss 0.68729395
gen_loss_GAN 1.9783958
gen_loss_L1 0.2145239
progress epoch 45 step 409 image/sec 4.8 remaining 253m
discrim_loss 0.7148198
gen_loss_GAN 1.9889814
gen_loss_L1 0.22071408
recording summary
progress epoch 45 step 460 image/sec 4.8 remaining 253m
discrim_loss 0.6871607
gen_loss_GAN 2.0075207
gen_loss_L1 0.22538592
progress epoch 45 step 510 image/sec 4.8 remaining 253m
discrim_loss 0.6421722
gen_loss_GAN 2.0167027
gen_loss_L1 0.22368678
recording summary
progress epoch 45 step 560 image/sec 4.8 remaining 253m
discrim_loss 0.7252729

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gen_loss_GAN 2.0887594
gen_loss_L1 0.2228996
progress epoch 45 step 609 image/sec 4.8 remaining 253m
discrim_loss 0.7543274
gen_loss_GAN 2.082151
gen_loss_L1 0.21699189
recording summary
progress epoch 45 step 660 image/sec 4.8 remaining 253m
discrim_loss 0.8069432
gen_loss_GAN 1.9508382
gen_loss_L1 0.20563827
progress epoch 45 step 709 image/sec 4.8 remaining 252m
discrim_loss 0.8179757
gen_loss_GAN 2.0628006
gen_loss_L1 0.20042793
recording summary
progress epoch 45 step 759 image/sec 4.8 remaining 252m
discrim_loss 0.7404461
gen_loss_GAN 2.0941153
gen_loss_L1 0.21625747
progress epoch 45 step 809 image/sec 4.8 remaining 252m
discrim_loss 0.76603884
gen_loss_GAN 2.0829394
gen_loss_L1 0.21981737
recording summary
progress epoch 45 step 859 image/sec 4.8 remaining 252m
discrim_loss 0.678897
gen_loss_GAN 2.1849267
gen_loss_L1 0.22627579
progress epoch 45 step 909 image/sec 4.8 remaining 252m
discrim_loss 0.7505545
gen_loss_GAN 2.1336403
gen_loss_L1 0.22001764
recording summary
progress epoch 45 step 959 image/sec 4.8 remaining 252m
discrim_loss 0.7564651
gen_loss_GAN 2.058562
gen_loss_L1 0.20703284
progress epoch 45 step 1009 image/sec 4.8 remaining 251m
discrim_loss 0.75717396
gen_loss_GAN 2.014742
gen_loss_L1 0.2090696
recording summary
progress epoch 45 step 1059 image/sec 4.8 remaining 251m
discrim_loss 0.75162345
gen_loss_GAN 1.9920206
gen_loss_L1 0.21004748
progress epoch 45 step 1110 image/sec 4.8 remaining 251m

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discrim_loss 0.7308727
gen_loss_GAN 2.0850828
gen_loss_L1 0.23257653
recording summary
progress epoch 45 step 1159 image/sec 4.8 remaining 251m
discrim_loss 0.69804126
gen_loss_GAN 2.1263058
gen_loss_L1 0.23294562
progress epoch 45 step 1209 image/sec 4.8 remaining 251m
discrim_loss 0.7181286
gen_loss_GAN 2.0863833
gen_loss_L1 0.22866808
recording summary
progress epoch 45 step 1259 image/sec 4.8 remaining 250m
discrim_loss 0.773604
gen_loss_GAN 2.0333395
gen_loss_L1 0.21984363
progress epoch 45 step 1309 image/sec 4.8 remaining 250m
discrim_loss 0.76018524
gen_loss_GAN 1.9667238
gen_loss_L1 0.21977247
recording summary
progress epoch 46 step 50 image/sec 4.8 remaining 250m
discrim_loss 0.72677034
gen_loss_GAN 1.9839576
gen_loss_L1 0.2112843
progress epoch 46 step 99 image/sec 4.8 remaining 250m
discrim_loss 0.6762617
gen_loss_GAN 2.028233
gen_loss_L1 0.21267436
recording summary
progress epoch 46 step 149 image/sec 4.8 remaining 250m
discrim_loss 0.72625077
gen_loss_GAN 1.9940318
gen_loss_L1 0.21244554
progress epoch 46 step 199 image/sec 4.8 remaining 250m
discrim_loss 0.692631
gen_loss_GAN 2.0642536
gen_loss_L1 0.21563363
recording summary
progress epoch 46 step 249 image/sec 4.8 remaining 249m
discrim_loss 0.7988676
gen_loss_GAN 2.0297427
gen_loss_L1 0.21808499
progress epoch 46 step 299 image/sec 4.8 remaining 249m
discrim_loss 0.77003473
gen_loss_GAN 2.0042362
gen_loss_L1 0.21387675

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recording summary
progress epoch 46 step 349 image/sec 4.8 remaining 249m
discrim_loss 0.69329375
gen_loss_GAN 2.0973089
gen_loss_L1 0.23245043
progress epoch 46 step 400 image/sec 4.8 remaining 249m
discrim_loss 0.7284398
gen_loss_GAN 2.0509927
gen_loss_L1 0.22171606
recording summary
progress epoch 46 step 450 image/sec 4.8 remaining 249m
discrim_loss 0.72346693
gen_loss_GAN 2.0733938
gen_loss_L1 0.21595915
progress epoch 46 step 499 image/sec 4.8 remaining 248m
discrim_loss 0.7275147
gen_loss_GAN 2.1367571
gen_loss_L1 0.21631534
recording summary
progress epoch 46 step 549 image/sec 4.8 remaining 248m
discrim_loss 0.6813679
gen_loss_GAN 2.1632452
gen_loss_L1 0.22052506
progress epoch 46 step 600 image/sec 4.8 remaining 248m
discrim_loss 0.7120512
gen_loss_GAN 2.1472366
gen_loss_L1 0.21423672
recording summary
progress epoch 46 step 650 image/sec 4.8 remaining 248m
discrim_loss 0.7085887
gen_loss_GAN 2.174915
gen_loss_L1 0.22125883
progress epoch 46 step 699 image/sec 4.8 remaining 248m
discrim_loss 0.7638858
gen_loss_GAN 2.2063417
gen_loss_L1 0.21480553
recording summary
progress epoch 46 step 750 image/sec 4.8 remaining 248m
discrim_loss 0.7135339
gen_loss_GAN 2.1861303
gen_loss_L1 0.22143379
progress epoch 46 step 799 image/sec 4.8 remaining 247m
discrim_loss 0.77020055
gen_loss_GAN 2.0866742
gen_loss_L1 0.21040703
recording summary
progress epoch 46 step 850 image/sec 4.8 remaining 247m
discrim_loss 0.7425842

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gen_loss_GAN 2.0637
gen_loss_L1 0.21311682
progress epoch 46 step 899 image/sec 4.8 remaining 247m
discrim_loss 0.7188647
gen_loss_GAN 2.0697362
gen_loss_L1 0.22427699
recording summary
progress epoch 46 step 949 image/sec 4.8 remaining 247m
discrim_loss 0.74347407
gen_loss_GAN 2.0710428
gen_loss_L1 0.22865495
progress epoch 46 step 999 image/sec 4.8 remaining 247m
discrim_loss 0.6866595
gen_loss_GAN 2.068315
gen_loss_L1 0.2288154
recording summary
progress epoch 46 step 1050 image/sec 4.8 remaining 247m
discrim_loss 0.7306545
gen_loss_GAN 2.0638938
gen_loss_L1 0.21799754
saving model
progress epoch 46 step 1100 image/sec 4.8 remaining 246m
discrim_loss 0.70073056
gen_loss_GAN 2.0933135
gen_loss_L1 0.21943434
recording summary
progress epoch 46 step 1149 image/sec 4.8 remaining 246m
discrim_loss 0.70468813
gen_loss_GAN 2.1017256
gen_loss_L1 0.2243971
progress epoch 46 step 1200 image/sec 4.8 remaining 246m
discrim_loss 0.7580944
gen_loss_GAN 2.0219932
gen_loss_L1 0.21256141
recording summary
progress epoch 46 step 1249 image/sec 4.8 remaining 246m
discrim_loss 0.718625
gen_loss_GAN 1.9848737
gen_loss_L1 0.21021642
progress epoch 46 step 1299 image/sec 4.8 remaining 246m
discrim_loss 0.737311
gen_loss_GAN 1.9983382
gen_loss_L1 0.21194184
recording summary
progress epoch 47 step 40 image/sec 4.8 remaining 246m
discrim_loss 0.71955645
gen_loss_GAN 1.9622507
gen_loss_L1 0.20754975

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progress epoch 47 step 89 image/sec 4.8 remaining 245m
discrim_loss 0.72894907
gen_loss_GAN 1.9422678
gen_loss_L1 0.2131365
recording summary
progress epoch 47 step 139 image/sec 4.8 remaining 245m
discrim_loss 0.69713485
gen_loss_GAN 1.9915081
gen_loss_L1 0.21043022
progress epoch 47 step 189 image/sec 4.8 remaining 245m
discrim_loss 0.7806698
gen_loss_GAN 2.0382984
gen_loss_L1 0.21460764
recording summary
progress epoch 47 step 239 image/sec 4.8 remaining 245m
discrim_loss 0.7797181
gen_loss_GAN 2.0292127
gen_loss_L1 0.2155128
progress epoch 47 step 289 image/sec 4.8 remaining 245m
discrim_loss 0.7659188
gen_loss_GAN 2.029085
gen_loss_L1 0.21272166
recording summary
progress epoch 47 step 339 image/sec 4.8 remaining 245m
discrim_loss 0.7284121
gen_loss_GAN 2.0270607
gen_loss_L1 0.20607312
progress epoch 47 step 390 image/sec 4.8 remaining 244m
discrim_loss 0.72958213
gen_loss_GAN 2.0687919
gen_loss_L1 0.21273497
recording summary
progress epoch 47 step 439 image/sec 4.8 remaining 244m
discrim_loss 0.6962073
gen_loss_GAN 2.0328352
gen_loss_L1 0.21145894
progress epoch 47 step 490 image/sec 4.8 remaining 244m
discrim_loss 0.694606
gen_loss_GAN 2.129896
gen_loss_L1 0.21669514
recording summary
progress epoch 47 step 539 image/sec 4.8 remaining 244m
discrim_loss 0.73727715
gen_loss_GAN 2.0702865
gen_loss_L1 0.22529039
progress epoch 47 step 589 image/sec 4.8 remaining 244m
discrim_loss 0.72942036
gen_loss_GAN 2.0376062

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gen_loss_L1 0.22337666
recording summary
progress epoch 47 step 639 image/sec 4.8 remaining 244m
discrim_loss 0.7812009
gen_loss_GAN 2.0081894
gen_loss_L1 0.2191575
progress epoch 47 step 690 image/sec 4.8 remaining 243m
discrim_loss 0.75147915
gen_loss_GAN 1.9754691
gen_loss_L1 0.20887294
recording summary
progress epoch 47 step 739 image/sec 4.8 remaining 243m
discrim_loss 0.6968634
gen_loss_GAN 2.0200312
gen_loss_L1 0.21636635
progress epoch 47 step 790 image/sec 4.8 remaining 243m
discrim_loss 0.76251507
gen_loss_GAN 1.9757806
gen_loss_L1 0.21027204
recording summary
progress epoch 47 step 839 image/sec 4.8 remaining 243m
discrim_loss 0.75019056
gen_loss_GAN 1.9358842
gen_loss_L1 0.21797872
progress epoch 47 step 889 image/sec 4.8 remaining 243m
discrim_loss 0.66470337
gen_loss_GAN 2.0567822
gen_loss_L1 0.22812276
recording summary
progress epoch 47 step 940 image/sec 4.8 remaining 242m
discrim_loss 0.6662463
gen_loss_GAN 2.0440657
gen_loss_L1 0.22362645
progress epoch 47 step 989 image/sec 4.8 remaining 242m
discrim_loss 0.73378974
gen_loss_GAN 2.0686922
gen_loss_L1 0.22414215
recording summary
progress epoch 47 step 1039 image/sec 4.8 remaining 242m
discrim_loss 0.7192119
gen_loss_GAN 2.1498318
gen_loss_L1 0.22621965
progress epoch 47 step 1089 image/sec 4.8 remaining 242m
discrim_loss 0.67360127
gen_loss_GAN 2.093748
gen_loss_L1 0.21978162
recording summary
progress epoch 47 step 1139 image/sec 4.8 remaining 242m

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discrim_loss 0.6441592
gen_loss_GAN 2.0914302
gen_loss_L1 0.22446063
progress epoch 47 step 1189 image/sec 4.8 remaining 242m
discrim_loss 0.61724246
gen_loss_GAN 2.1848793
gen_loss_L1 0.22030407
recording summary
progress epoch 47 step 1239 image/sec 4.8 remaining 241m
discrim_loss 0.69755924
gen_loss_GAN 2.136362
gen_loss_L1 0.22119306
progress epoch 47 step 1289 image/sec 4.8 remaining 241m
discrim_loss 0.7618392
gen_loss_GAN 2.0826633
gen_loss_L1 0.21161617
recording summary
progress epoch 48 step 29 image/sec 4.8 remaining 241m
discrim_loss 0.7013356
gen_loss_GAN 2.1823814
gen_loss_L1 0.22151409
progress epoch 48 step 79 image/sec 4.8 remaining 241m
discrim_loss 0.7082963
gen_loss_GAN 2.090701
gen_loss_L1 0.22985692
recording summary
progress epoch 48 step 129 image/sec 4.8 remaining 241m
discrim_loss 0.71542954
gen_loss_GAN 2.0786257
gen_loss_L1 0.22387277
progress epoch 48 step 179 image/sec 4.8 remaining 241m
discrim_loss 0.6722561
gen_loss_GAN 2.0711017
gen_loss_L1 0.21693663
recording summary
progress epoch 48 step 229 image/sec 4.8 remaining 240m
discrim_loss 0.6908471
gen_loss_GAN 2.1828191
gen_loss_L1 0.21582536
progress epoch 48 step 279 image/sec 4.8 remaining 240m
discrim_loss 0.75664705
gen_loss_GAN 2.0993662
gen_loss_L1 0.21977547
recording summary
progress epoch 48 step 329 image/sec 4.8 remaining 240m
discrim_loss 0.7766566
gen_loss_GAN 2.0205488
gen_loss_L1 0.21897815

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progress epoch 48 step 379 image/sec 4.8 remaining 240m
discrim_loss 0.76066875
gen_loss_GAN 1.9674734
gen_loss_L1 0.21368009
recording summary
progress epoch 48 step 430 image/sec 4.8 remaining 240m
discrim_loss 0.7542249
gen_loss_GAN 2.0515904
gen_loss_L1 0.21624443
progress epoch 48 step 479 image/sec 4.8 remaining 239m
discrim_loss 0.74284136
gen_loss_GAN 2.0086248
gen_loss_L1 0.22334519
recording summary
progress epoch 48 step 529 image/sec 4.8 remaining 239m
discrim_loss 0.71374464
gen_loss_GAN 2.0215409
gen_loss_L1 0.20862742
progress epoch 48 step 579 image/sec 4.8 remaining 239m
discrim_loss 0.7404945
gen_loss_GAN 2.0514026
gen_loss_L1 0.21494365
recording summary
progress epoch 48 step 629 image/sec 4.8 remaining 239m
discrim_loss 0.6879079
gen_loss_GAN 2.082329
gen_loss_L1 0.2160215
progress epoch 48 step 679 image/sec 4.8 remaining 239m
discrim_loss 0.7056497
gen_loss_GAN 2.129923
gen_loss_L1 0.21304905
recording summary
progress epoch 48 step 729 image/sec 4.8 remaining 239m
discrim_loss 0.72881114
gen_loss_GAN 2.1720028
gen_loss_L1 0.21122214
progress epoch 48 step 779 image/sec 4.8 remaining 238m
discrim_loss 0.6817416
gen_loss_GAN 2.1174853
gen_loss_L1 0.2156197
recording summary
progress epoch 48 step 830 image/sec 4.8 remaining 238m
discrim_loss 0.6855929
gen_loss_GAN 2.0478554
gen_loss_L1 0.20748366
progress epoch 48 step 879 image/sec 4.8 remaining 238m
discrim_loss 0.7611197
gen_loss_GAN 1.9769322

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gen_loss_L1 0.1998631
recording summary
progress epoch 48 step 930 image/sec 4.8 remaining 238m
discrim_loss 0.7370244
gen_loss_GAN 1.9717824
gen_loss_L1 0.21384007
progress epoch 48 step 979 image/sec 4.8 remaining 238m
discrim_loss 0.64674914
gen_loss_GAN 2.099413
gen_loss_L1 0.22846086
recording summary
progress epoch 48 step 1029 image/sec 4.8 remaining 238m
discrim_loss 0.64333355
gen_loss_GAN 2.120445
gen_loss_L1 0.21920875
progress epoch 48 step 1079 image/sec 4.8 remaining 237m
discrim_loss 0.68973076
gen_loss_GAN 2.1158125
gen_loss_L1 0.22012846
recording summary
progress epoch 48 step 1129 image/sec 4.8 remaining 237m
discrim_loss 0.7677281
gen_loss_GAN 2.051146
gen_loss_L1 0.21735115
progress epoch 48 step 1179 image/sec 4.8 remaining 237m
discrim_loss 0.73289925
gen_loss_GAN 2.027872
gen_loss_L1 0.22167456
recording summary
progress epoch 48 step 1229 image/sec 4.8 remaining 237m
discrim_loss 0.73743737
gen_loss_GAN 2.020058
gen_loss_L1 0.22774945
progress epoch 48 step 1279 image/sec 4.8 remaining 237m
discrim_loss 0.7377089
gen_loss_GAN 2.0832725
gen_loss_L1 0.22272773
recording summary
progress epoch 49 step 20 image/sec 4.8 remaining 237m
discrim_loss 0.7521957
gen_loss_GAN 2.0346715
gen_loss_L1 0.21649925
progress epoch 49 step 69 image/sec 4.8 remaining 236m
discrim_loss 0.70679784
gen_loss_GAN 2.0017529
gen_loss_L1 0.2177561
recording summary
progress epoch 49 step 119 image/sec 4.8 remaining 236m

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discrim_loss 0.757765
gen_loss_GAN 2.0078933
gen_loss_L1 0.21553053
progress epoch 49 step 169 image/sec 4.8 remaining 236m
discrim_loss 0.71571416
gen_loss_GAN 2.0286226
gen_loss_L1 0.20691384
recording summary
progress epoch 49 step 219 image/sec 4.8 remaining 236m
discrim_loss 0.6977927
gen_loss_GAN 1.9977406
gen_loss_L1 0.20836987
progress epoch 49 step 269 image/sec 4.8 remaining 236m
discrim_loss 0.68016857
gen_loss_GAN 2.0975406
gen_loss_L1 0.22037318
recording summary
progress epoch 49 step 319 image/sec 4.8 remaining 235m
discrim_loss 0.68146545
gen_loss_GAN 2.1744444
gen_loss_L1 0.22680674
progress epoch 49 step 370 image/sec 4.8 remaining 235m
discrim_loss 0.73129076
gen_loss_GAN 2.047606
gen_loss_L1 0.22845371
recording summary
progress epoch 49 step 420 image/sec 4.8 remaining 235m
discrim_loss 0.6758436
gen_loss_GAN 2.1314652
gen_loss_L1 0.24501626
progress epoch 49 step 469 image/sec 4.8 remaining 235m
discrim_loss 0.6520812
gen_loss_GAN 2.092323
gen_loss_L1 0.2357069
recording summary
progress epoch 49 step 519 image/sec 4.8 remaining 235m
discrim_loss 0.6461197
gen_loss_GAN 2.1511712
gen_loss_L1 0.23295467
progress epoch 49 step 570 image/sec 4.8 remaining 235m
discrim_loss 0.6702685
gen_loss_GAN 2.1925545
gen_loss_L1 0.2294436
recording summary
progress epoch 49 step 619 image/sec 4.8 remaining 234m
discrim_loss 0.7505643
gen_loss_GAN 2.0688016
gen_loss_L1 0.22427632

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progress epoch 49 step 670 image/sec 4.8 remaining 234m
discrim_loss 0.71777064
gen_loss_GAN 2.0328505
gen_loss_L1 0.2150875
recording summary
progress epoch 49 step 719 image/sec 4.8 remaining 234m
discrim_loss 0.6863249
gen_loss_GAN 2.0459216
gen_loss_L1 0.21211338
progress epoch 49 step 769 image/sec 4.8 remaining 234m
discrim_loss 0.69035053
gen_loss_GAN 2.042242
gen_loss_L1 0.21720953
recording summary
progress epoch 49 step 819 image/sec 4.8 remaining 234m
discrim_loss 0.6563751
gen_loss_GAN 2.078937
gen_loss_L1 0.21943747
progress epoch 49 step 869 image/sec 4.8 remaining 234m
discrim_loss 0.6952006
gen_loss_GAN 2.074512
gen_loss_L1 0.21737076
recording summary
progress epoch 49 step 919 image/sec 4.8 remaining 233m
discrim_loss 0.7673244
gen_loss_GAN 2.0259635
gen_loss_L1 0.2075401
progress epoch 49 step 969 image/sec 4.8 remaining 233m
discrim_loss 0.7115718
gen_loss_GAN 2.0952132
gen_loss_L1 0.20471938
recording summary
progress epoch 49 step 1019 image/sec 4.8 remaining 233m
discrim_loss 0.7600006
gen_loss_GAN 2.063666
gen_loss_L1 0.20936283
progress epoch 49 step 1070 image/sec 4.8 remaining 233m
discrim_loss 0.7070819
gen_loss_GAN 2.062541
gen_loss_L1 0.20971602
recording summary
progress epoch 49 step 1119 image/sec 4.8 remaining 233m
discrim_loss 0.68038243
gen_loss_GAN 2.0297897
gen_loss_L1 0.20959862
progress epoch 49 step 1169 image/sec 4.8 remaining 232m
discrim_loss 0.7194788
gen_loss_GAN 2.0542703

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gen_loss_L1 0.21616027
recording summary
progress epoch 49 step 1220 image/sec 4.8 remaining 232m
discrim_loss 0.71865034
gen_loss_GAN 2.0492382
gen_loss_L1 0.21737342
progress epoch 49 step 1269 image/sec 4.8 remaining 232m
discrim_loss 0.6729216
gen_loss_GAN 2.145074
gen_loss_L1 0.2239672
recording summary
progress epoch 50 step 10 image/sec 4.8 remaining 232m
discrim_loss 0.66608053
gen_loss_GAN 2.1163116
gen_loss_L1 0.2134508
progress epoch 50 step 59 image/sec 4.8 remaining 232m
discrim_loss 0.74444085
gen_loss_GAN 2.0021122
gen_loss_L1 0.19894755
recording summary
progress epoch 50 step 109 image/sec 4.8 remaining 232m
discrim_loss 0.7554368
gen_loss_GAN 1.9498535
gen_loss_L1 0.19801465
progress epoch 50 step 159 image/sec 4.8 remaining 231m
discrim_loss 0.7862474
gen_loss_GAN 1.9775221
gen_loss_L1 0.20084998
recording summary
progress epoch 50 step 209 image/sec 4.8 remaining 231m
discrim_loss 0.81888723
gen_loss_GAN 1.9465528
gen_loss_L1 0.19912602
progress epoch 50 step 259 image/sec 4.8 remaining 231m
discrim_loss 0.7200914
gen_loss_GAN 2.012258
gen_loss_L1 0.21242194
recording summary
progress epoch 50 step 309 image/sec 4.8 remaining 231m
discrim_loss 0.714279
gen_loss_GAN 2.0223298
gen_loss_L1 0.21602167
progress epoch 50 step 359 image/sec 4.8 remaining 231m
discrim_loss 0.70732874
gen_loss_GAN 2.099387
gen_loss_L1 0.22503118
recording summary
progress epoch 50 step 409 image/sec 4.8 remaining 231m

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discrim_loss 0.730389
gen_loss_GAN 2.030089
gen_loss_L1 0.2269689
progress epoch 50 step 459 image/sec 4.8 remaining 230m
discrim_loss 0.737999
gen_loss_GAN 2.0627875
gen_loss_L1 0.22497192
recording summary
progress epoch 50 step 510 image/sec 4.8 remaining 230m
discrim_loss 0.7728078
gen_loss_GAN 1.9668294
gen_loss_L1 0.21100794
progress epoch 50 step 559 image/sec 4.8 remaining 230m
discrim_loss 0.7880445
gen_loss_GAN 2.0272806
gen_loss_L1 0.21713986
recording summary
progress epoch 50 step 609 image/sec 4.8 remaining 230m
discrim_loss 0.7916738
gen_loss_GAN 1.992482
gen_loss_L1 0.21496555
progress epoch 50 step 660 image/sec 4.8 remaining 230m
discrim_loss 0.73722816
gen_loss_GAN 1.9954718
gen_loss_L1 0.21241294
recording summary
progress epoch 50 step 709 image/sec 4.8 remaining 230m
discrim_loss 0.7544648
gen_loss_GAN 1.978431
gen_loss_L1 0.2118925
progress epoch 50 step 759 image/sec 4.8 remaining 229m
discrim_loss 0.69668
gen_loss_GAN 2.0408578
gen_loss_L1 0.21328762
recording summary
progress epoch 50 step 809 image/sec 4.8 remaining 229m
discrim_loss 0.686707
gen_loss_GAN 2.0925086
gen_loss_L1 0.21795735
saving model
progress epoch 50 step 859 image/sec 4.8 remaining 229m
discrim_loss 0.6744293
gen_loss_GAN 2.0440078
gen_loss_L1 0.21793555
recording summary
progress epoch 50 step 909 image/sec 4.8 remaining 229m
discrim_loss 0.7091759
gen_loss_GAN 2.0410864

```

```

gen_loss_L1 0.22912858
progress epoch 50 step 959 image/sec 4.8 remaining 229m
discrim_loss 0.6990886
gen_loss_GAN 2.0212576
gen_loss_L1 0.224627
recording summary
progress epoch 50 step 1009 image/sec 4.8 remaining 229m
discrim_loss 0.6763563
gen_loss_GAN 2.0561585
gen_loss_L1 0.22661126
progress epoch 50 step 1059 image/sec 4.8 remaining 228m
discrim_loss 0.692852
gen_loss_GAN 2.1351933
gen_loss_L1 0.2323247
recording summary
progress epoch 50 step 1109 image/sec 4.8 remaining 228m
discrim_loss 0.6985293
gen_loss_GAN 2.1686368
gen_loss_L1 0.2361658
progress epoch 50 step 1160 image/sec 4.8 remaining 228m
discrim_loss 0.6745519
gen_loss_GAN 2.104112
gen_loss_L1 0.22615579
recording summary
progress epoch 50 step 1209 image/sec 4.8 remaining 228m
discrim_loss 0.6750313
gen_loss_GAN 2.1046572
gen_loss_L1 0.2236055
progress epoch 50 step 1259 image/sec 4.8 remaining 228m
discrim_loss 0.7072497
gen_loss_GAN 2.1342683
gen_loss_L1 0.22403269
recording summary
progress epoch 50 step 1310 image/sec 4.8 remaining 227m
discrim_loss 0.71608084
gen_loss_GAN 2.1235049
gen_loss_L1 0.2187428
progress epoch 51 step 49 image/sec 4.8 remaining 227m
discrim_loss 0.74477506
gen_loss_GAN 2.0955849
gen_loss_L1 0.2155199
recording summary
progress epoch 51 step 99 image/sec 4.8 remaining 227m
discrim_loss 0.749839
gen_loss_GAN 2.0914989
gen_loss_L1 0.21968587
progress epoch 51 step 149 image/sec 4.8 remaining 227m
discrim_loss 0.712994

```

```

gen_loss_GAN 2.1202493
gen_loss_L1 0.22327872
recording summary
progress epoch 51 step 199 image/sec 4.8 remaining 227m
discrim_loss 0.6767148
gen_loss_GAN 2.098551
gen_loss_L1 0.22382493
progress epoch 51 step 249 image/sec 4.8 remaining 227m
discrim_loss 0.73619014
gen_loss_GAN 2.0582376
gen_loss_L1 0.21757954
recording summary
progress epoch 51 step 300 image/sec 4.8 remaining 226m
discrim_loss 0.7645322
gen_loss_GAN 2.0589986
gen_loss_L1 0.2148488
progress epoch 51 step 349 image/sec 4.8 remaining 226m
discrim_loss 0.81512976
gen_loss_GAN 2.0504231
gen_loss_L1 0.2282799
recording summary
progress epoch 51 step 400 image/sec 4.8 remaining 226m
discrim_loss 0.75864816
gen_loss_GAN 2.040074
gen_loss_L1 0.22140415
progress epoch 51 step 449 image/sec 4.8 remaining 226m
discrim_loss 0.74215406
gen_loss_GAN 2.0017636
gen_loss_L1 0.21834233
recording summary
progress epoch 51 step 499 image/sec 4.8 remaining 226m
discrim_loss 0.6793004
gen_loss_GAN 2.0686789
gen_loss_L1 0.21770225
progress epoch 51 step 549 image/sec 4.8 remaining 226m
discrim_loss 0.65305007
gen_loss_GAN 2.1186774
gen_loss_L1 0.22247815
recording summary
progress epoch 51 step 599 image/sec 4.8 remaining 225m
discrim_loss 0.76986843
gen_loss_GAN 2.047049
gen_loss_L1 0.20701627
progress epoch 51 step 649 image/sec 4.8 remaining 225m
discrim_loss 0.7101097
gen_loss_GAN 2.0468822
gen_loss_L1 0.20746791
recording summary

```

```

progress epoch 51 step 699 image/sec 4.8 remaining 225m
discrim_loss 0.676748
gen_loss_GAN 2.1043801
gen_loss_L1 0.21637774
progress epoch 51 step 749 image/sec 4.8 remaining 225m
discrim_loss 0.71195376
gen_loss_GAN 2.1309187
gen_loss_L1 0.21141261
recording summary
progress epoch 51 step 800 image/sec 4.8 remaining 225m
discrim_loss 0.61714756
gen_loss_GAN 2.1537344
gen_loss_L1 0.22120786
progress epoch 51 step 849 image/sec 4.8 remaining 224m
discrim_loss 0.6697277
gen_loss_GAN 2.1276217
gen_loss_L1 0.22331215
recording summary
progress epoch 51 step 899 image/sec 4.8 remaining 224m
discrim_loss 0.69170976
gen_loss_GAN 2.1100245
gen_loss_L1 0.21630852
progress epoch 51 step 950 image/sec 4.8 remaining 224m
discrim_loss 0.74197197
gen_loss_GAN 2.074837
gen_loss_L1 0.21408705
recording summary
progress epoch 51 step 999 image/sec 4.8 remaining 224m
discrim_loss 0.72845703
gen_loss_GAN 2.0377083
gen_loss_L1 0.21578838
progress epoch 51 step 1050 image/sec 4.8 remaining 224m
discrim_loss 0.67925364
gen_loss_GAN 2.084023
gen_loss_L1 0.2203313
recording summary
progress epoch 51 step 1099 image/sec 4.8 remaining 224m
discrim_loss 0.7326224
gen_loss_GAN 2.0908651
gen_loss_L1 0.22627333
Traceback (most recent call last):
  File "pix2pix.py", line 803, in <module>
    main()
  File "pix2pix.py", line 769, in main
    results = sess.run(fetches, options=options, run_metadata=run_metadata)
  File "/usr/local/lib/python3.6/dist-packages/tensorflow/python/client/session.py", line 950, in run
    run_metadata_ptr)

```



```

File "/usr/local/lib/python3.6/dist-packages/tensorflow/python/client/session.py", line 1173, in _run
    feed_dict_tensor, options, run_metadata)
File "/usr/local/lib/python3.6/dist-packages/tensorflow/python/client/session.py", line 1350, in _do_run
    run_metadata)
File "/usr/local/lib/python3.6/dist-packages/tensorflow/python/client/session.py", line 1356, in _do_call
    return fn(*args)
File "/usr/local/lib/python3.6/dist-packages/tensorflow/python/client/session.py", line 1341, in _run_fn
    options, feed_dict, fetch_list, target_list, run_metadata)
File "/usr/local/lib/python3.6/dist-packages/tensorflow/python/client/session.py", line 1429, in _call_tf_sessionrun
    run_metadata)
KeyboardInterrupt

```

```

-----
KeyboardInterrupt                                Traceback (most recent call last)
<ipython-input-114-ba33d1811d2f> in <module>()
----> 1 get_ipython().system('python pix2pix.py --mode train --output_dir
    ↳ daynight_train --max_epochs 100 --input_dir daynight/train
    ↳ --which_direction BtoA')

/usr/local/lib/python3.6/dist-packages/google/colab/_shell.py in system(self,
    ↳ *args, **kwargs)
    82     kwargs.update({'also_return_output': True})
    83
---> 84     output = _system_commands._system_compat(self, *args, **kwargs) #
    ↳ pylint:disable=protected-access
    85
    86     if pip_warn:

/usr/local/lib/python3.6/dist-packages/google/colab/_system_commands.py in
    ↳ _system_compat(shell, cmd, also_return_output)
    436     # stack.
    437     result = _run_command(
--> 438         shell.var_expand(cmd, depth=2), clear_streamed_output=False)

    439     shell.user_ns['_exit_code'] = result.returncode
    440     if -result.returncode in _INTERRUPTED_SIGNALS:

/usr/local/lib/python3.6/dist-packages/google/colab/_system_commands.py in
    ↳ _run_command(cmd, clear_streamed_output)
    193         os.close(child_pty)
    194
--> 195         return _monitor_process(parent_pty, epoll, p, cmd,
    ↳ update_stdin_widget)

```

```

196     finally:
197         epoll.close()

/usr/lib/python3.6/contextlib.py in __exit__(self, type, value, traceback)
    86         if type is None:
    87             try:
--> 88                 next(self.gen)
    89             except StopIteration:
    90                 return False

/usr/local/lib/python3.6/dist-packages/google/colab/_system_commands.py in
↳ _display_stdin_widget(delay_millis)
    353
    354     hide_args = ['cell_remove_stdin', {}]
--> 355     _message.blocking_request(*hide_args, parent=shell.parent_header)
    356
    357

/usr/local/lib/python3.6/dist-packages/google/colab/_message.py in
↳ blocking_request(request_type, request, timeout_sec, parent)
    169     # unique.
    170     request_id = send_request(request_type, request, parent=parent)
--> 171     return read_reply_from_input(request_id, timeout_sec)

/usr/local/lib/python3.6/dist-packages/google/colab/_message.py in
↳ read_reply_from_input(message_id, timeout_sec)
    99     reply = _read_next_input_message()
    100     if reply == _NOT_READY or not isinstance(reply, dict):
--> 101         time.sleep(0.025)
    102         continue
    103     if (reply.get('type') == 'colab_reply' and

KeyboardInterrupt:

```

Visualization:

```

[24]: # test the model
!python pix2pix.py \
  --mode test \
  --output_dir daynight_test \
  --input_dir daynight/val \
  --checkpoint daynight_train

```

WARNING:tensorflow:From pix2pix.py:540: The name tf.set\_random\_seed is deprecated. Please use tf.compat.v1.set\_random\_seed instead.

```

loaded lab_colorization = False
loaded ndf = 64

```

```

loaded ngf = 64
loaded which_direction = BtoA
aspect_ratio = 1.0
batch_size = 1
beta1 = 0.5
checkpoint = daynight_train
display_freq = 0
flip = False
gan_weight = 1.0
input_dir = daynight/val
l1_weight = 100.0
lab_colorization = False
lr = 0.0002
max_epochs = None
max_steps = None
mode = test
ndf = 64
ngf = 64
output_dir = daynight_test
output_filetype = png
progress_freq = 50
save_freq = 5000
scale_size = 256
seed = 860332930
separable_conv = False
summary_freq = 100
trace_freq = 0
which_direction = BtoA
WARNING:tensorflow:From pix2pix.py:258: string_input_producer (from
tensorflow.python.training.input) is deprecated and will be removed in a future
version.
Instructions for updating:
Queue-based input pipelines have been replaced by `tf.data`. Use `tf.data.Dataset
t.from_tensor_slices(string_tensor).shuffle(tf.shape(input_tensor),
out_type=tf.int64)[0]).repeat(num_epochs)`. If `shuffle=False`, omit the
`.shuffle(...)`.
```

```

WARNING:tensorflow:From
/tensorflow-1.15.2/python3.6/tensorflow_core/python/training/input.py:277:
input_producer (from tensorflow.python.training.input) is deprecated and will be
removed in a future version.
Instructions for updating:
Queue-based input pipelines have been replaced by `tf.data`. Use
`tf.data.Dataset.from_tensor_slices(input_tensor).shuffle(tf.shape(input_tensor),
out_type=tf.int64)[0]).repeat(num_epochs)`. If `shuffle=False`, omit the
`.shuffle(...)`.
```

```

WARNING:tensorflow:From
/tensorflow-1.15.2/python3.6/tensorflow_core/python/training/input.py:189:
limit_epochs (from tensorflow.python.training.input) is deprecated and will be

```

removed in a future version.

Instructions for updating:

Queue-based input pipelines have been replaced by ``tf.data``. Use ``tf.data.Dataset.from_tensors(tensor).repeat(num_epochs)``.

WARNING:tensorflow:From `/tensorflow-1.15.2/python3.6/tensorflow_core/python/training/input.py:198: QueueRunner.__init__` (from `tensorflow.python.training.queue_runner_impl`) is deprecated and will be removed in a future version.

Instructions for updating:

To construct input pipelines, use the ``tf.data`` module.

WARNING:tensorflow:From `/tensorflow-1.15.2/python3.6/tensorflow_core/python/training/input.py:198: add_queue_runner` (from `tensorflow.python.training.queue_runner_impl`) is deprecated and will be removed in a future version.

Instructions for updating:

To construct input pipelines, use the ``tf.data`` module.

WARNING:tensorflow:From `pix2pix.py:259: WholeFileReader.__init__` (from `tensorflow.python.ops.io_ops`) is deprecated and will be removed in a future version.

Instructions for updating:

Queue-based input pipelines have been replaced by ``tf.data``. Use ``tf.data.Dataset.map(tf.read_file)``.

WARNING:tensorflow:From `pix2pix.py:264: The name tf.assert_equal` is deprecated. Please use `tf.compat.v1.assert_equal` instead.

WARNING:tensorflow:From `pix2pix.py:299: The name tf.image.resize_images` is deprecated. Please use `tf.image.resize` instead.

WARNING:tensorflow:From `pix2pix.py:301: The name tf.random_uniform` is deprecated. Please use `tf.random.uniform` instead.

WARNING:tensorflow:From `pix2pix.py:314: batch` (from `tensorflow.python.training.input`) is deprecated and will be removed in a future version.

Instructions for updating:

Queue-based input pipelines have been replaced by ``tf.data``. Use ``tf.data.Dataset.batch(batch_size)`` (or ``padded_batch(...)`` if ``dynamic_pad=True``).

examples count = 150

WARNING:tensorflow:From `pix2pix.py:428: The name tf.variable_scope` is deprecated. Please use `tf.compat.v1.variable_scope` instead.

WARNING:tensorflow:From `pix2pix.py:105: conv2d` (from `tensorflow.python.layers.convolutional`) is deprecated and will be removed in a future version.

Instructions for updating:

Use ``tf.keras.layers.Conv2D`` instead.

WARNING:tensorflow:From

/tensorflow-1.15.2/python3.6/tensorflow\_core/python/layers/convolutional.py:424:  
Layer.apply (from tensorflow.python.keras.engine.base\_layer) is deprecated and  
will be removed in a future version.

Instructions for updating:

Please use `layer.__call__` method instead.

WARNING:tensorflow:From pix2pix.py:132: batch\_normalization (from  
tensorflow.python.layers.normalization) is deprecated and will be removed in a  
future version.

Instructions for updating:

Use `keras.layers.BatchNormalization` instead. In particular,  
``tf.control_dependencies(tf.GraphKeys.UPDATE_OPS)`` should not be used (consult  
the ``tf.keras.layers.batch_normalization`` documentation).

WARNING:tensorflow:From pix2pix.py:116: conv2d\_transpose (from  
tensorflow.python.layers.convolutional) is deprecated and will be removed in a  
future version.

Instructions for updating:

Use ``tf.keras.layers.Conv2DTranspose`` instead.

WARNING:tensorflow:From pix2pix.py:379: calling dropout (from  
tensorflow.python.ops.nn\_ops) with `keep_prob` is deprecated and will be removed  
in a future version.

Instructions for updating:

Please use ``rate`` instead of ``keep_prob``. Rate should be set to ``rate = 1 -  
keep_prob``.

WARNING:tensorflow:From pix2pix.py:448: The name `tf.log` is deprecated. Please  
use `tf.math.log` instead.

WARNING:tensorflow:From pix2pix.py:458: The name `tf.trainable_variables` is  
deprecated. Please use `tf.compat.v1.trainable_variables` instead.

WARNING:tensorflow:From pix2pix.py:459: The name `tf.train.AdamOptimizer` is  
deprecated. Please use `tf.compat.v1.train.AdamOptimizer` instead.

WARNING:tensorflow:From pix2pix.py:473: The name  
`tf.train.get_or_create_global_step` is deprecated. Please use  
`tf.compat.v1.train.get_or_create_global_step` instead.

WARNING:tensorflow:From pix2pix.py:474: The name `tf.assign` is deprecated. Please  
use `tf.compat.v1.assign` instead.

WARNING:tensorflow:From pix2pix.py:681: The name `tf.summary.image` is deprecated.  
Please use `tf.compat.v1.summary.image` instead.

WARNING:tensorflow:From pix2pix.py:695: The name `tf.summary.scalar` is  
deprecated. Please use `tf.compat.v1.summary.scalar` instead.

WARNING:tensorflow:From pix2pix.py:700: The name `tf.summary.histogram` is  
deprecated. Please use `tf.compat.v1.summary.histogram` instead.

WARNING:tensorflow:From pix2pix.py:708: The name tf.train.Saver is deprecated.  
Please use tf.compat.v1.train.Saver instead.

WARNING:tensorflow:From pix2pix.py:711: Supervisor.\_\_init\_\_ (from  
tensorflow.python.training.supervisor) is deprecated and will be removed in a  
future version.

Instructions for updating:

Please switch to tf.train.MonitoredTrainingSession

WARNING:tensorflow:From

/tensorflow-1.15.2/python3.6/tensorflow\_core/python/ops/array\_ops.py:1475: where  
(from tensorflow.python.ops.array\_ops) is deprecated and will be removed in a  
future version.

Instructions for updating:

Use tf.where in 2.0, which has the same broadcast rule as np.where

2020-09-02 20:45:41.132405: I

tensorflow/stream\_executor/platform/default/dso\_loader.cc:44] Successfully  
opened dynamic library libcuda.so.1

2020-09-02 20:45:41.203481: I

tensorflow/stream\_executor/cuda/cuda\_gpu\_executor.cc:983] successful NUMA node  
read from SysFS had negative value (-1), but there must be at least one NUMA  
node, so returning NUMA node zero

2020-09-02 20:45:41.204180: I

tensorflow/core/common\_runtime/gpu/gpu\_device.cc:1639] Found device 0 with  
properties:

name: Tesla P4 major: 6 minor: 1 memoryClockRate(GHz): 1.1135

pciBusID: 0000:00:04.0

2020-09-02 20:45:41.206775: I

tensorflow/stream\_executor/platform/default/dso\_loader.cc:44] Successfully  
opened dynamic library libcudart.so.10.1

2020-09-02 20:45:41.431277: I

tensorflow/stream\_executor/platform/default/dso\_loader.cc:44] Successfully  
opened dynamic library libcublas.so.10

2020-09-02 20:45:41.625295: I

tensorflow/stream\_executor/platform/default/dso\_loader.cc:44] Successfully  
opened dynamic library libcufft.so.10

2020-09-02 20:45:41.652625: I

tensorflow/stream\_executor/platform/default/dso\_loader.cc:44] Successfully  
opened dynamic library libcurand.so.10

2020-09-02 20:45:41.914156: I

tensorflow/stream\_executor/platform/default/dso\_loader.cc:44] Successfully  
opened dynamic library libcusolver.so.10

2020-09-02 20:45:41.943848: I

tensorflow/stream\_executor/platform/default/dso\_loader.cc:44] Successfully  
opened dynamic library libcusparsparse.so.10

2020-09-02 20:45:42.444386: I

tensorflow/stream\_executor/platform/default/dso\_loader.cc:44] Successfully  
opened dynamic library libcudnn.so.7

2020-09-02 20:45:42.444611: I

```

tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:983] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2020-09-02 20:45:42.445383: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:983] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2020-09-02 20:45:42.445947: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1767] Adding visible gpu
devices: 0
2020-09-02 20:45:42.457113: I
tensorflow/core/platform/profile_utils/cpu_utils.cc:94] CPU Frequency:
2300000000 Hz
2020-09-02 20:45:42.457530: I tensorflow/compiler/xla/service/service.cc:168]
XLA service 0x28e0a00 initialized for platform Host (this does not guarantee
that XLA will be used). Devices:
2020-09-02 20:45:42.457563: I tensorflow/compiler/xla/service/service.cc:176]
StreamExecutor device (0): Host, Default Version
2020-09-02 20:45:42.604448: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:983] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2020-09-02 20:45:42.605177: I tensorflow/compiler/xla/service/service.cc:168]
XLA service 0x28e0bc0 initialized for platform CUDA (this does not guarantee
that XLA will be used). Devices:
2020-09-02 20:45:42.605214: I tensorflow/compiler/xla/service/service.cc:176]
StreamExecutor device (0): Tesla P4, Compute Capability 6.1
2020-09-02 20:45:42.606323: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:983] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2020-09-02 20:45:42.606860: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1639] Found device 0 with
properties:
name: Tesla P4 major: 6 minor: 1 memoryClockRate(GHz): 1.1135
pciBusID: 0000:00:04.0
2020-09-02 20:45:42.606958: I
tensorflow/stream_executor/platform/default/dso_loader.cc:44] Successfully
opened dynamic library libcudart.so.10.1
2020-09-02 20:45:42.606981: I
tensorflow/stream_executor/platform/default/dso_loader.cc:44] Successfully
opened dynamic library libcublas.so.10
2020-09-02 20:45:42.606997: I
tensorflow/stream_executor/platform/default/dso_loader.cc:44] Successfully
opened dynamic library libcufft.so.10
2020-09-02 20:45:42.607013: I
tensorflow/stream_executor/platform/default/dso_loader.cc:44] Successfully
opened dynamic library libcurand.so.10

```

```

2020-09-02 20:45:42.607029: I
tensorflow/stream_executor/platform/default/dso_loader.cc:44] Successfully
opened dynamic library libcusolver.so.10
2020-09-02 20:45:42.607048: I
tensorflow/stream_executor/platform/default/dso_loader.cc:44] Successfully
opened dynamic library libcusparsesolver.so.10
2020-09-02 20:45:42.607063: I
tensorflow/stream_executor/platform/default/dso_loader.cc:44] Successfully
opened dynamic library libcudnn.so.7
2020-09-02 20:45:42.607161: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:983] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2020-09-02 20:45:42.607740: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:983] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2020-09-02 20:45:42.608371: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1767] Adding visible gpu
devices: 0
2020-09-02 20:45:42.612075: I
tensorflow/stream_executor/platform/default/dso_loader.cc:44] Successfully
opened dynamic library libcudart.so.10.1
2020-09-02 20:45:42.617008: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1180] Device interconnect
StreamExecutor with strength 1 edge matrix:
2020-09-02 20:45:42.617040: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1186]          0
2020-09-02 20:45:42.617056: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1199] 0:      N
2020-09-02 20:45:42.617469: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:983] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2020-09-02 20:45:42.617959: I
tensorflow/stream_executor/cuda/cuda_gpu_executor.cc:983] successful NUMA node
read from SysFS had negative value (-1), but there must be at least one NUMA
node, so returning NUMA node zero
2020-09-02 20:45:42.618347: W
tensorflow/core/common_runtime/gpu/gpu_bfc_allocator.cc:39] Overriding
allow_growth setting because the TF_FORCE_GPU_ALLOW_GROWTH environment variable
is set. Original config value was 0.
2020-09-02 20:45:42.618390: I
tensorflow/core/common_runtime/gpu/gpu_device.cc:1325] Created TensorFlow device
(/job:localhost/replica:0/task:0/device:GPU:0 with 7123 MB memory) -> physical
GPU (device: 0, name: Tesla P4, pci bus id: 0000:00:04.0, compute capability:
6.1)
2020-09-02 20:45:42.835551: W

```



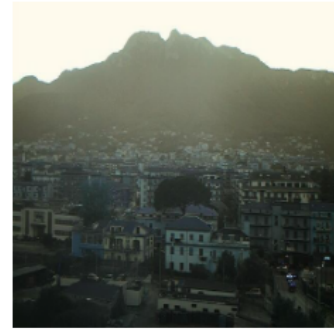
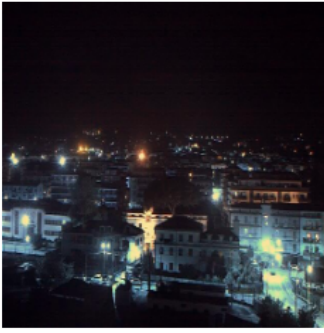
```
tensorflow/core/framework/cpu_allocator_impl.cc:81] Allocation of 33554432
exceeds 10% of system memory.
2020-09-02 20:45:42.847810: W
tensorflow/core/framework/cpu_allocator_impl.cc:81] Allocation of 33554432
exceeds 10% of system memory.
2020-09-02 20:45:42.854416: W
tensorflow/core/framework/cpu_allocator_impl.cc:81] Allocation of 33554432
exceeds 10% of system memory.
2020-09-02 20:45:42.861893: W
tensorflow/core/framework/cpu_allocator_impl.cc:81] Allocation of 33554432
exceeds 10% of system memory.
2020-09-02 20:45:42.871283: W
tensorflow/core/framework/cpu_allocator_impl.cc:81] Allocation of 33554432
exceeds 10% of system memory.
parameter_count = 57190084
loading model from checkpoint
2020-09-02 20:45:55.217614: I
tensorflow/stream_executor/platform/default/dso_loader.cc:44] Successfully
opened dynamic library libcudnn.so.7
2020-09-02 20:45:59.712045: I
tensorflow/stream_executor/platform/default/dso_loader.cc:44] Successfully
opened dynamic library libcublas.so.10
evaluated image image0
evaluated image image1
evaluated image image10
evaluated image image100
evaluated image image101
evaluated image image102
evaluated image image103
evaluated image image104
evaluated image image105
evaluated image image106
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evaluated image image11
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evaluated image image111
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evaluated image image118
evaluated image image119
evaluated image image12
evaluated image image120
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evaluated image image121  
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evaluated image image91
evaluated image image92
evaluated image image93
evaluated image image94
evaluated image image95
evaluated image image96
evaluated image image97
evaluated image image98
evaluated image image99
wrote index at daynight_test/index.html
rate 0.13700512886047364
```

```
[36]: import matplotlib.pyplot as plt
import numpy as np
choice = random.randint(0,150)
path = "/content/pix2pix-tensorflow/daynight_test/images/"
fig = plt.figure(figsize=(14,18))
axarr = fig.subplots(1,3)
[ax.axis('off') for ax in axarr]
axarr[0].imshow(Image.open(path + ('image%d'%choice) + '-inputs.png'))
axarr[0].set_title("Input",size=15,color='white',weight='bold')
axarr[1].imshow(Image.open(path + ('image%d'%choice) + '-outputs.png'))
axarr[1].set_title("Reconstruction",size=15,color='white',weight='bold')
axarr[2].imshow(Image.open(path + ('image%d'%choice) + '-targets.png'))
axarr[2].set_title("Original",size=15,color='white',weight='bold')
plt.show()
```



```
[ ]: from google.colab import drive
drive.mount('/content/gdrive')
```

Go to this URL in a browser: [https://accounts.google.com/o/oauth2/auth?client\\_id=947318989803-6bn6qk8qdgf4n4g3pfee6491hc0brc4i.apps.googleusercontent.com&redirect\\_uri=urn%3Aietf%3Awg%3Aoauth%3A2.0%3Aoob&scope=email%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fdocs.test%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fdrive%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fdrive.photos.readonly%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fpeopleapi.readonly&response\\_type=code](https://accounts.google.com/o/oauth2/auth?client_id=947318989803-6bn6qk8qdgf4n4g3pfee6491hc0brc4i.apps.googleusercontent.com&redirect_uri=urn%3Aietf%3Awg%3Aoauth%3A2.0%3Aoob&scope=email%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fdocs.test%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fdrive%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fdrive.photos.readonly%20https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fpeopleapi.readonly&response_type=code)

Enter your authorization code:

.....

Mounted at /content/gdrive

```
[ ]: !cp -r daynight_train /content/gdrive/'My Drive'/Pix2Pix
```

```
[ ]: cd ..
```

/content/pix2pix-tensorflow

```
[ ]: !mkdir daynight_train
```

```
[ ]: !cp -r /content/gdrive/'My Drive'/Pix2Pix/daynight_train/* daynight_train
```