```
import torch
import torch.nn as nn
import torch.nn.functional as {\tt F}
import torch.optim as optim
import torch.utils.data as data
import torchvision.transforms as transforms
import torchvision.datasets as datasets
import matplotlib.pyplot as plt
import numpy as np
from PIL import Image
image = Image.open("coolguitar Small.jpeg")
image = image.convert("L")
test_transforms = transforms.ToTensor()
img_tensor = test_transforms(image)
img_tensor.shape
     torch.Size([1, 216, 240])
plt.imshow(image, cmap = plt.cm.gray)
     <matplotlib.image.AxesImage at 0x7f9792e4abb0>
        0
       25
       50
       75
      100
      125
      150
      175
      200
print(img_tensor)
     tensor([[[1., 1., 1., ..., 1., 1., 1.],
               [1., 1., 1., ..., 1., 1., 1.],
               [1., 1., 1., ..., 1., 1., 1.],
               [1., 1., 1., ..., 1., 1., 1.],
[1., 1., 1., ..., 1., 1., 1.],
[1., 1., 1., ..., 1., 1., 1.]]])
img_tensor.shape
     torch.Size([1, 216, 240])
```

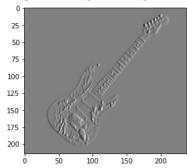
The image is now blurrier after the blurring was applied to the image tensor.

С→

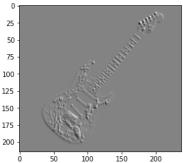
<matplotlib.image.AxesImage at 0x7f9792b76460>



<matplotlib.image.AxesImage at 0x7f9792d475e0>



<matplotlib.image.AxesImage at 0x7f9792d15fa0>



✓ 0s completed at 1:51 PM