```
import matplotlib.pyplot as plt
import numpy as np
image = plt.imread("morrisania_grid.png")
#image[:102:2,::] = 0.5
#image[-100::2,::] = 0.5
#image[100:-100:,-100::2]= 0.5
#image[100:-100:,:100:2]= 0.5
#image[:100,:,3]= 0.5
#image[-100:,:,3]= 0.5
#image[100:-100,-100:,3]= 0.5
#image[100:-100,:100,3]= 0.5

image[::76,::,0] = 0
image[::,::76,0] = 0
image[::76,::,1] = 0
image[::,::76,1] = 0
image[::76,::,2] = 0
image[::,::76,2] = 0

plt.imsave('morrisania_grid_fin.png', image)
```