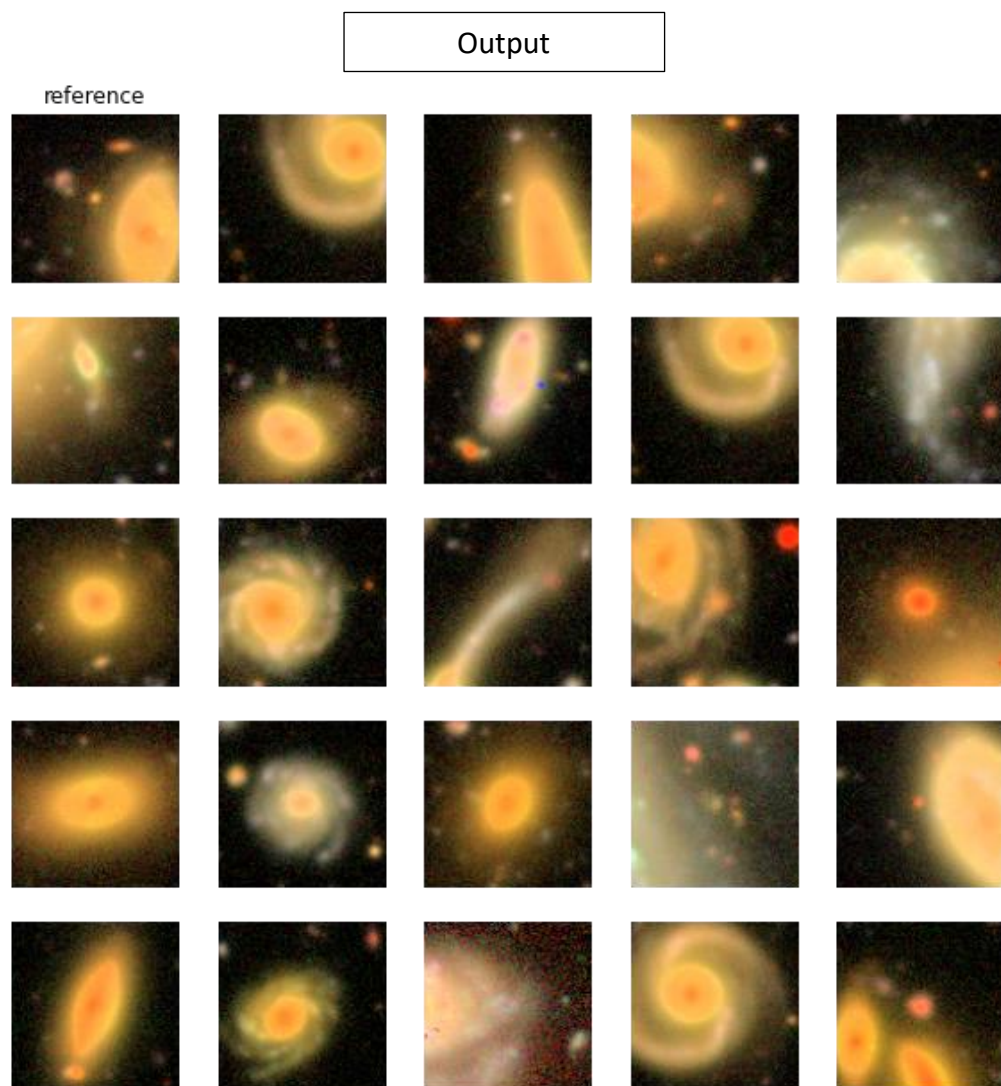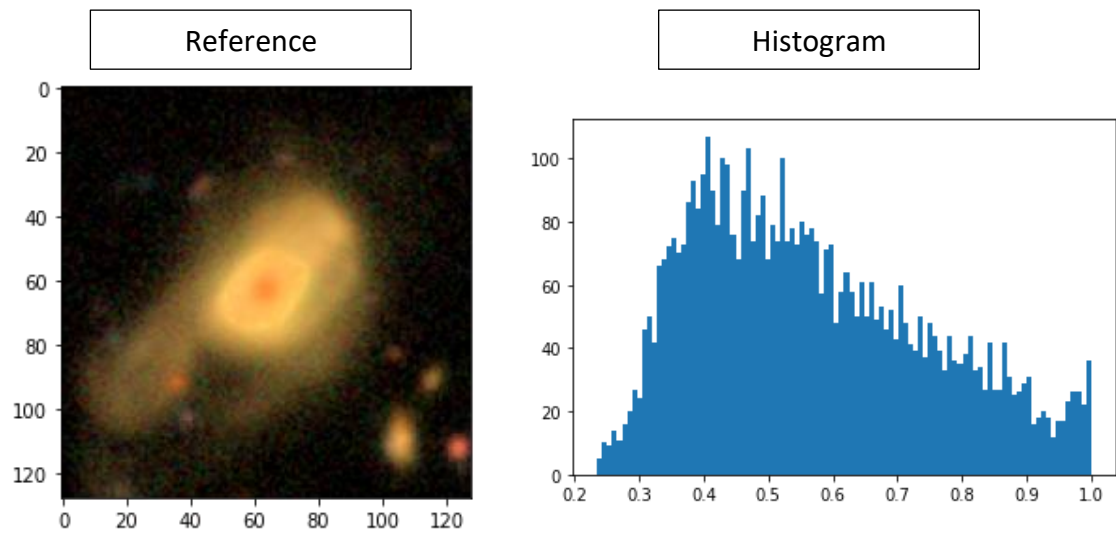Changes in this commit:
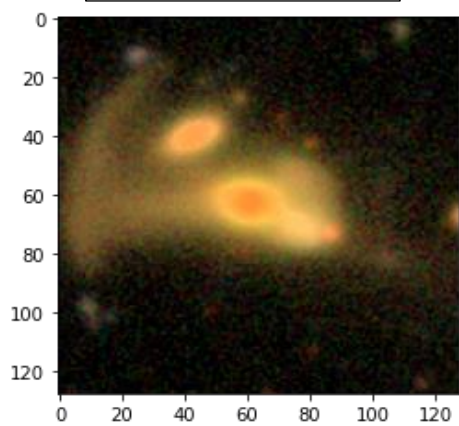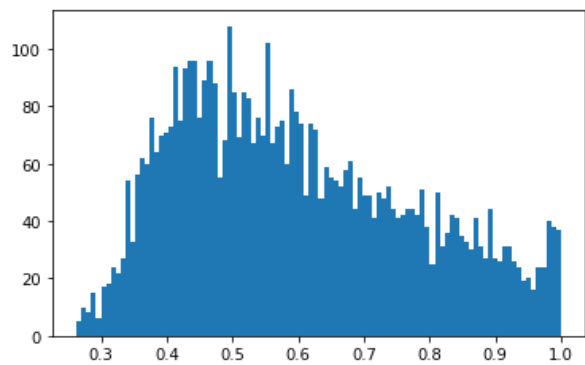Increased BATCH_SIZE from 64 to 100
Increased num_training_samples from 20000 to 50000
Decreased CROP_TO from 124 to 96

Reference

Histogram

Output

reference

Reference

Histogram

Output

reference