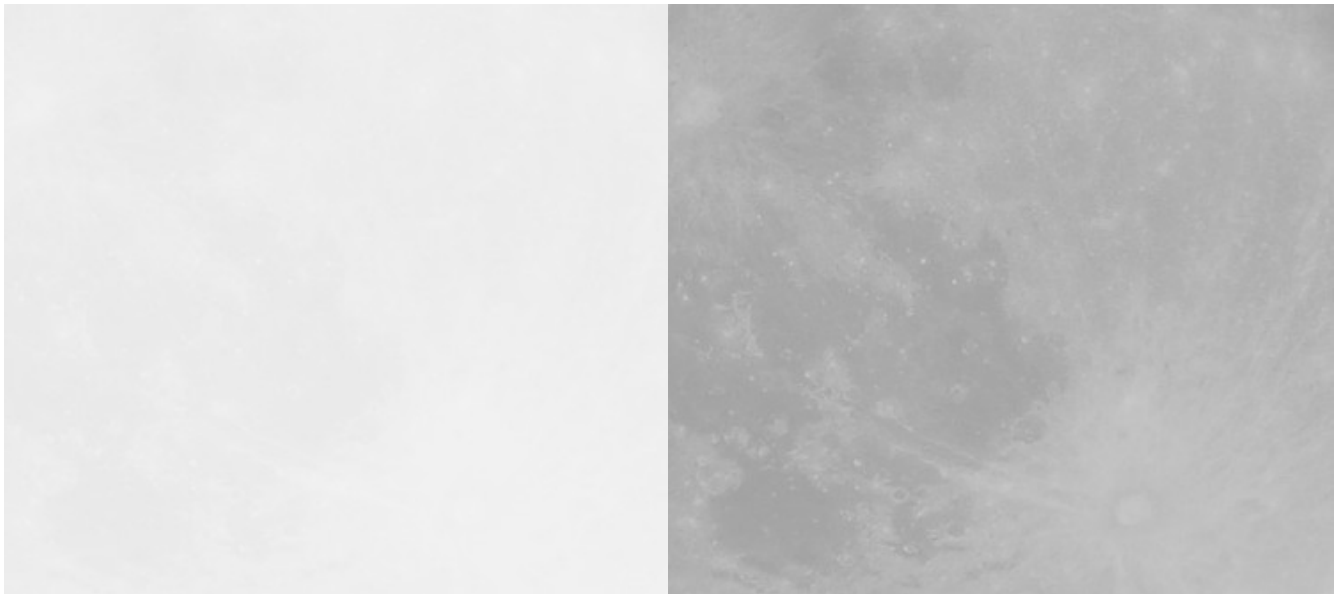


**3. Read a grayscale image and perform the gamma correction method on it to enhance the image. Analyze the result by varying gamma value.**

**Input Image:**



**Output Images:**



0.1

0.5



0.6



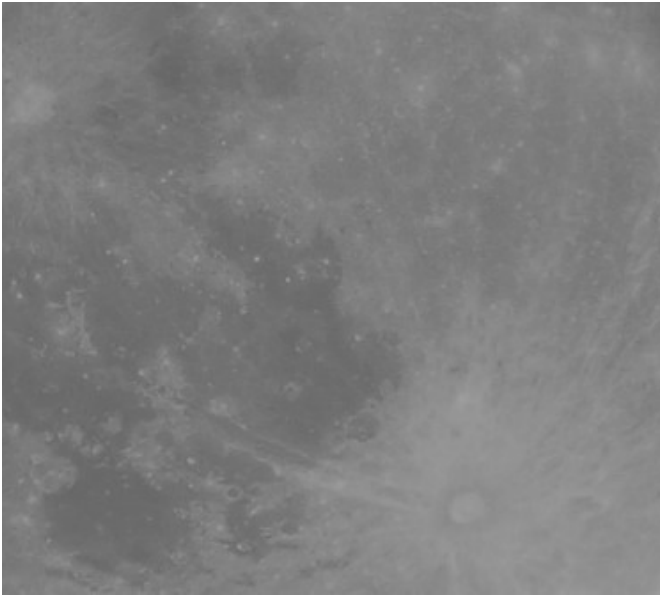
0.7



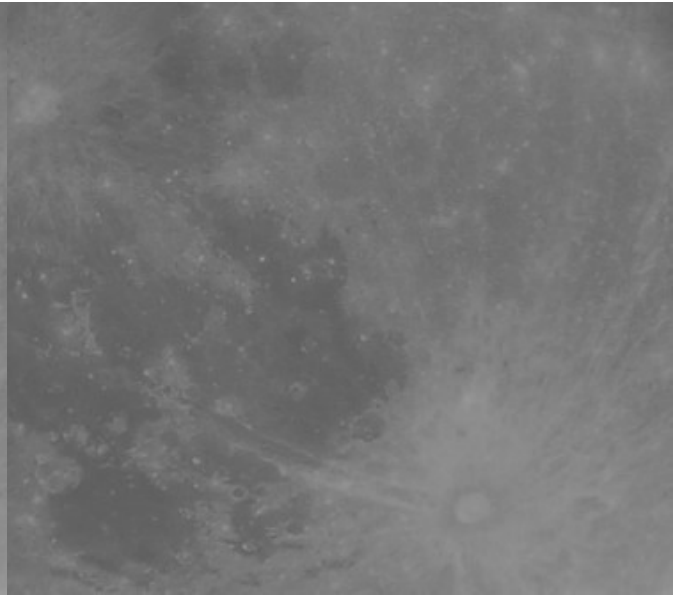
0.8



0.9



1.0



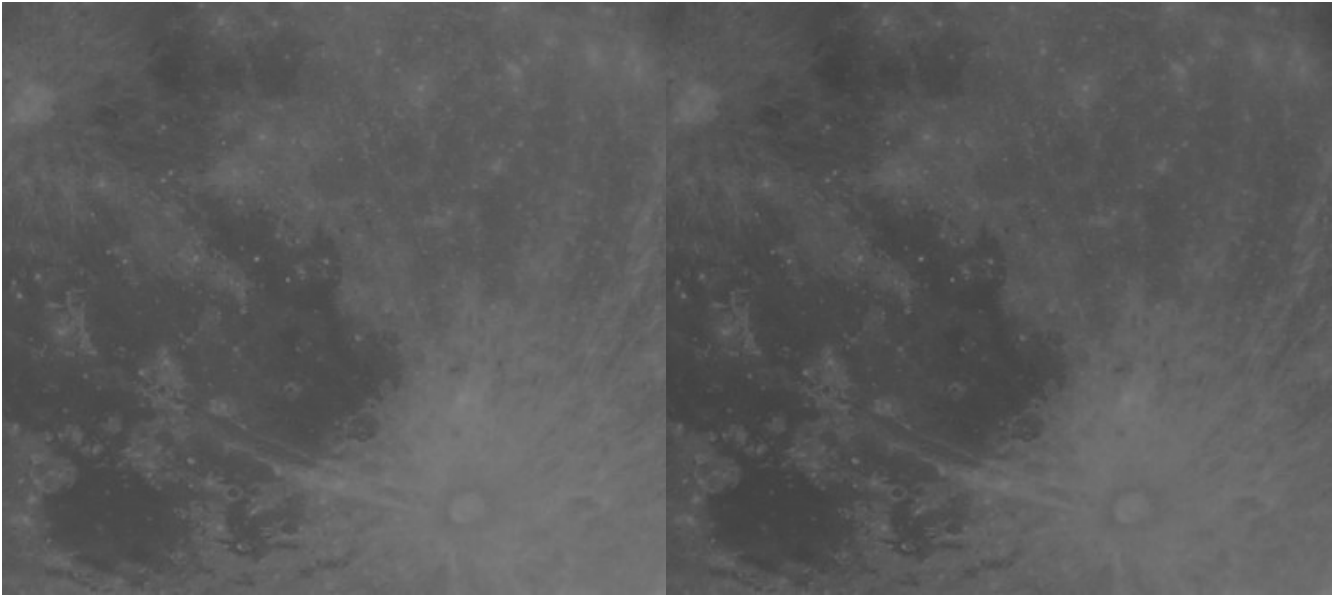
1.1



1.2

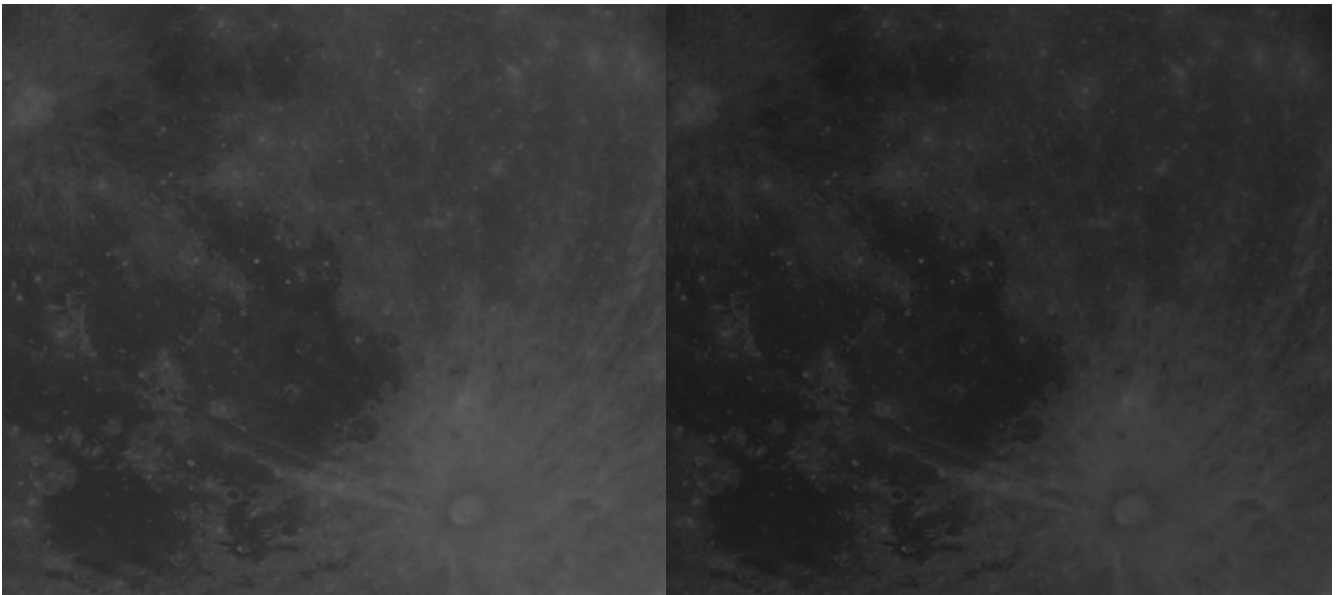


1.3



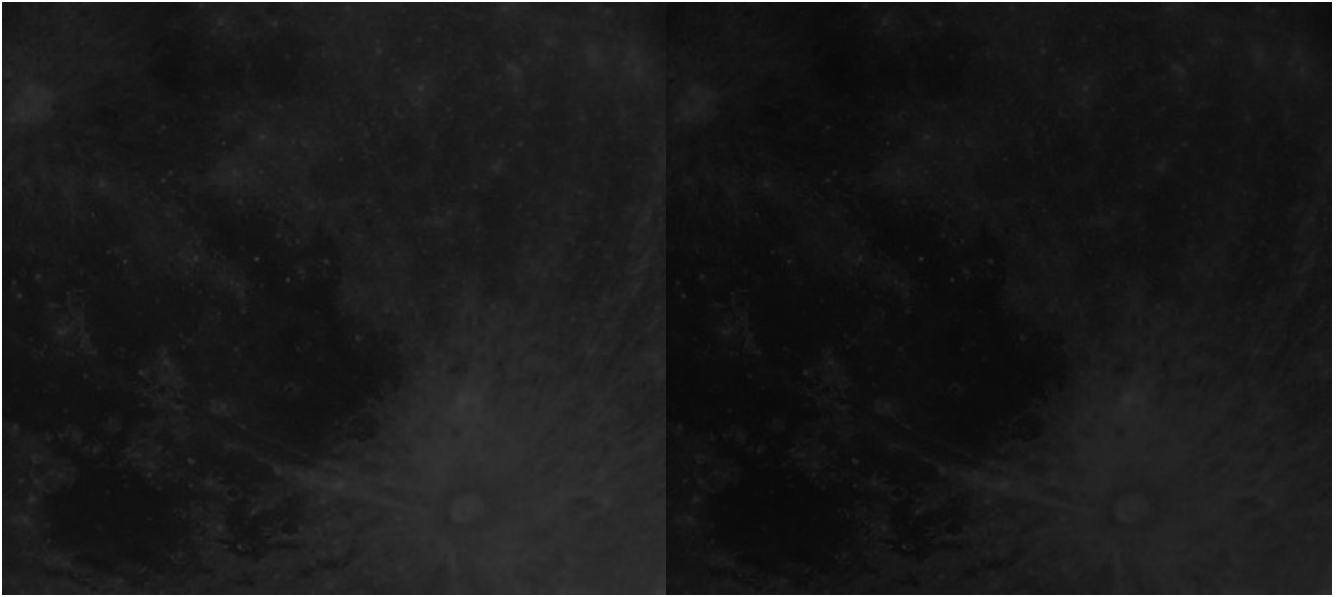
1.4

1.5



2.0

2.5



3.0

3.5



4.0

4.5

### **Conclusion:**

If we choose a higher gamma value, the output image looks too dark and if we choose a low gamma value, the output image looks too white. The contrast of the image is just right when we perform a gamma correction with a gamma value of 1.5 on the original image. Thus we can conclude that, for the given image, a gamma value of 1.5 produces an image with the right contrast.