Homework 2: The secrets of Hubble images

Read the attached handout about the making of images from the Hubble Space Telescope and answer the following questions.

• Are Hubble Space Telescope images the same as you would see with your own eyes (if you could fly near the objects)? Why or why not?

• On page 2, what was different about the processes used to make the image at top right versus the image at bottom right?

• Why do you think the Hubble image team preferred the bottom right image to the top right image?

• What are the three processes that allow us to perceive colors?

• Write down two terms or sentences in this article that you did not fully understand. We will discuss them in class.