

Lab 7.01: Create a Color Class

In this lab we will create a class that will represent colors and build a function to combine two colors.

Background

RGB is a way of storing color data. R stands for red, G stands for green, and B stands for blue. Each color is given a value from 0 to 255.

You can use this tool to see what different colors are: http://www.rapidtables.com/web/color/RGB_Color.htm



RGB: 0, 63, 76



144, 178, 71



156, 217, 107



240, 239, 136



191, 84, 46

Lab

1. Create a class, `Color`.
2. Instantiate at least 3 colors.
3. Add attributes of r, g, and b to those instances.
4. Create a function, `add_color`, which takes in two colors and returns a color that is the average of the two reds, greens, and blues.