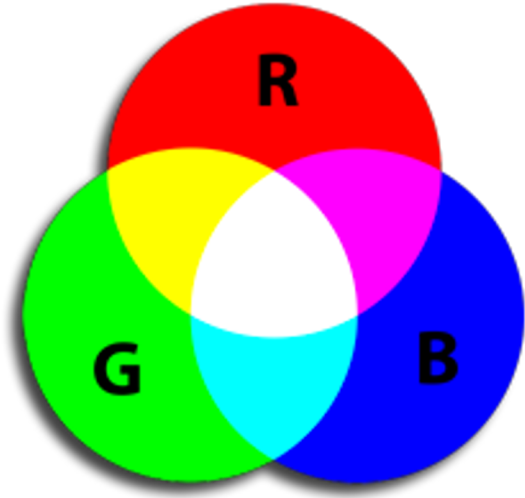


Materiality of Color

RGB + Light

What is RGB?

The RGB color theory deals with red, green, and blue lights and their additive properties. Various combinations of each light and its intensity yield various colors, and all three combined at equal intensities creates white light. RGB color balance is most commonly utilized within a digital platform on an incredibly small scale. The white you see on your screen is actually an amalgamation of pixels that are subdivided into red green and blue strips, yet we perceive this as white due to the scale and repetition of these colors.



My Approach

For my project, I aimed to recreate this color model without a digital platform. The most challenging part was recreating these colors in the form of lights. I set up a floodlight over a clean white background and documented this in order to set a baseline color from which I could judge the others. I then made three colored clear plastic discs in order to act as a filter for this light.

