

# exercise::09

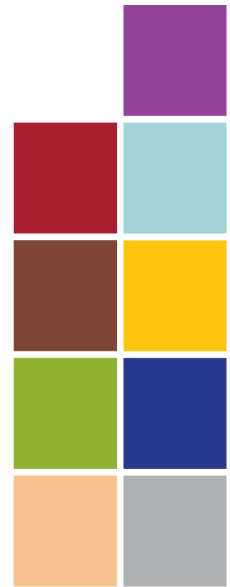
## CMYK Color Matching

### Assignment ::

In groups of two, use the provided color swatches and Illustrator template to determine the exact CMYK values for each of the colors presented. This is an *iterative* process—you will need to make multiple test prints until you get one that is correct. In the end, the colors should match perfectly.

### Process ::

1. Locate the exercise resources for this exercise on the class website under *Exercises*. Download that folder to your computer, and move the folder to your Desktop, and rename the folder on your computer using your group member names in the following format: lastname\_lastname\_color\_matching\_09.
2. Use the provided neutral **color blocking sheet** to better observe the colors one at a time. Since nearby colors interfere with our perception of adjacent colors, it is best to hide them from view. Remove the center box using a sharp blade.
3. Take an initial guess at the CMYK values for each color, comparing your print with the image on screen. After setting your color swatch, enter the CMYK value in the text fields next to each swatch. Be sure to do this before printing.



*Note that only **three of the color swatches** have any **Black** in their CMYK mix.*

4. When the colors closely match, print your file on the VC Color Printer (and *only* that printer). Place the original color swatch centered on the print and closely examine the colors.
5. **Make changes to the CMYK values in Illustrator**, moving the color in the direction you believe it needs to go. The colors on screen may start to not match the print; this is just fine—all that matters are the CMYK values and how they print.
6. Update the CMYK values in the text fields, and print your document again. Be sure to retain each iterative print.
7. Repeat this process until ALL of the colors match exactly.
8. When all of the swatches match, save your file and drop your folder in one of your group member's Google Drive folders for this class. In addition, staple together all of your color prints (in order of printing with the final version on top) to hand in.

### Requirements ::

Hand in all of the color prints made for this exercise. In addition, place the lab exercise folder in one of the group member's Google Drive folder for this class.

This lab is due by the end of class today.