

**COMD 1112 • Digital Media Foundations • Professor Tanya Goetz**  
**Color Theory Class handout**

After our class discussions and your reading assignments you should be able to answer the following questions:

1. What are the subtractive primaries and be able to explain why they are called subtractive ?
  2. What are the additive primaries and be able to explain why they are called the additive primaries?
  3. What does the term metamerism mean?
  4. What color space is larger, RGB or CMYK?
  5. What are three elements of color?
  6. What does the term gamut mean?
  7. What color would we see without light?
  8. What are warm colors? What are cool colors?
  9. What color space is used on the web?
  10. How does the surrounding color affect perception of another color?
  11. Do we all see the same color when we look at an object?
  12. How does paper play a role in color reproduction in printing?
  13. Are there some colors that can't be reproduced on the web? in print?
  14. What is a PMS color?
  15. What is calibration?
  16. What is a colorimeter and what is a spectrophotometer?
  17. What is an ICC Profile?
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