

Color Theory (and Practice)  
Week 4  
Mary Fran Miklitsch

1

*"Instead of trying to reproduce exactly what I see before me, I make more arbitrary use of color to express myself more forcefully ... To express the love of two lovers by the marriage of two complementary colors ... To express the thought of a brow by the radiance of a light tone against a dark background. To express hope by some star. Someone's passion by the radiance of the setting sun."*

— Vincent van Gogh

2

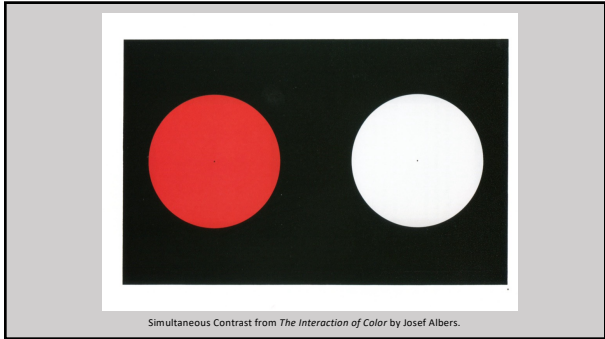
**Itten's Seven Types of Contrast**

1. Contrast of Hue
2. Light-Dark Contrast
3. Cold-Warm Contrast
4. Complementary Contrast
- 5. Simultaneous Contrast**
- 6. Contrast of Saturation**
7. Contrast of Extension

3

**Simultaneous Contrast**

4



5



6



7



8

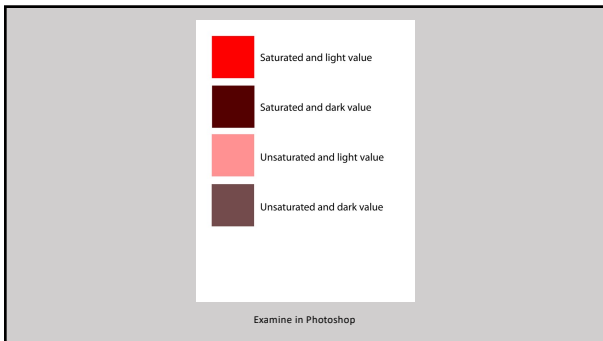


9

**Contrast of Saturation**

When adjacent areas of color are saturated vs. dull  
(and why violet doesn't reach as far as red  
on Munsell's Color Tree)

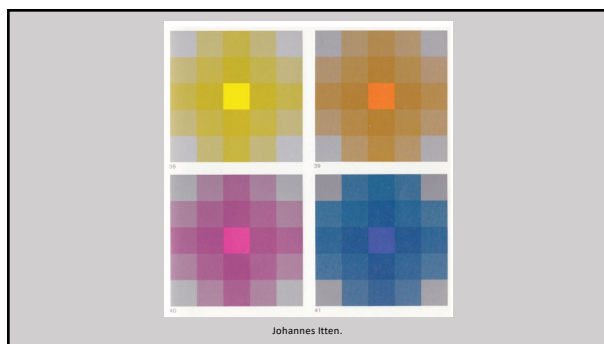
10



11



12



13



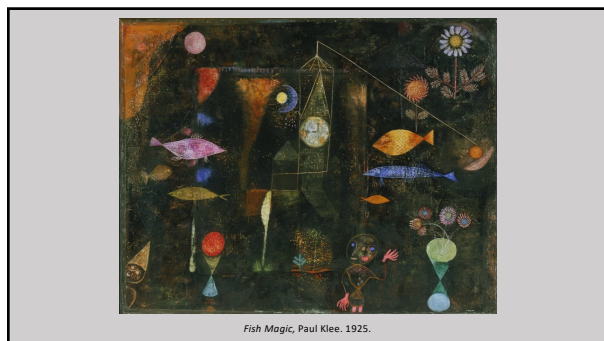
14



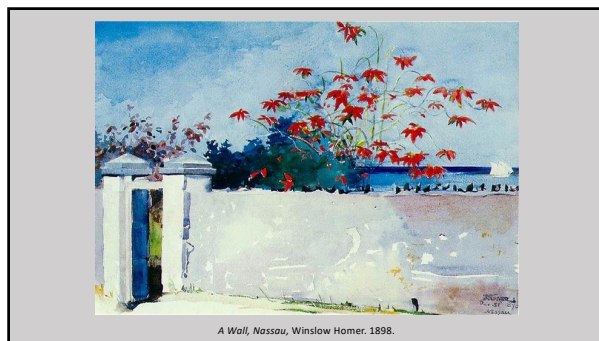
15



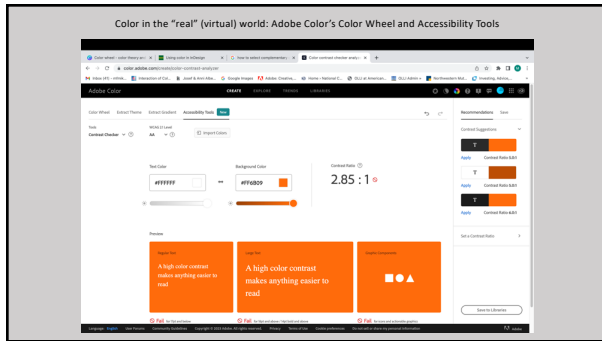
16



17



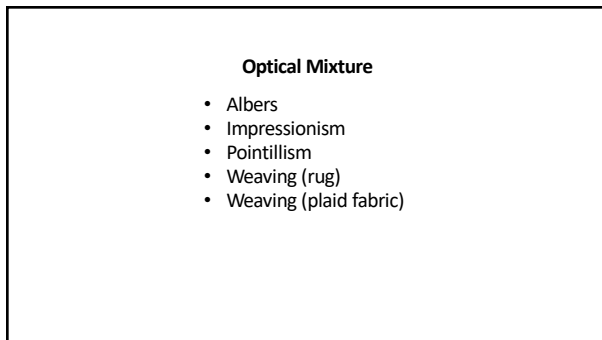
18



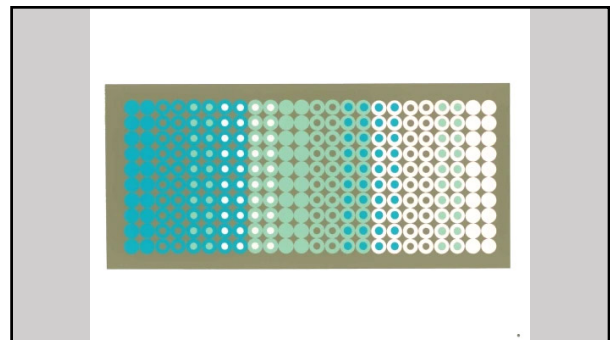
19



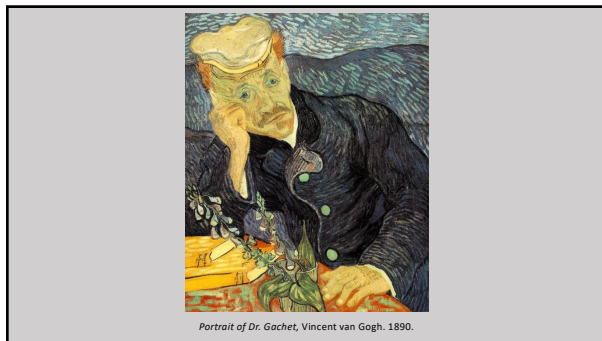
20



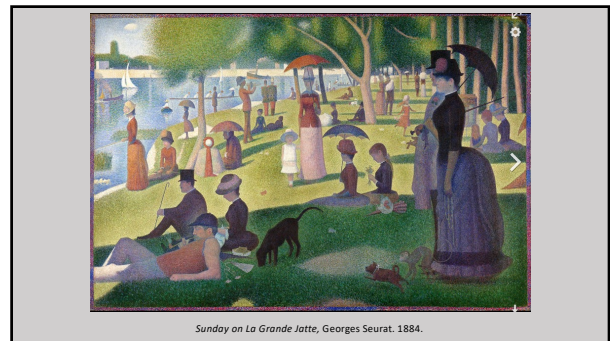
21



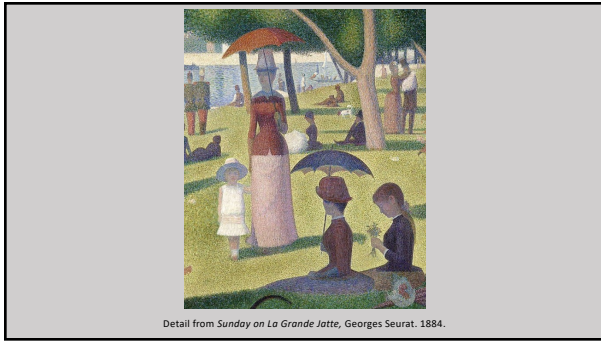
22



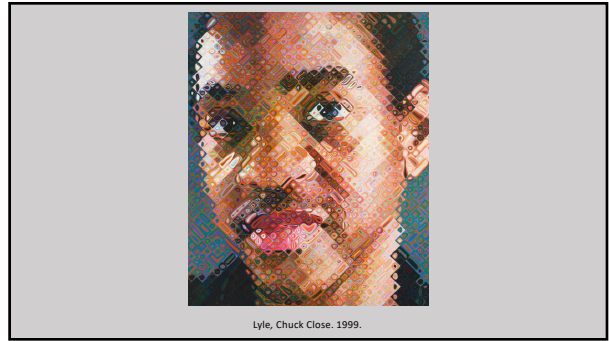
23



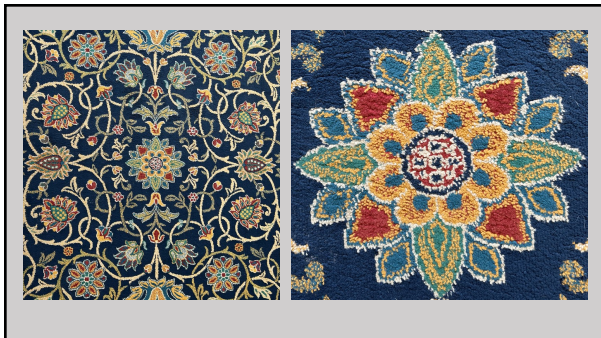
24



25



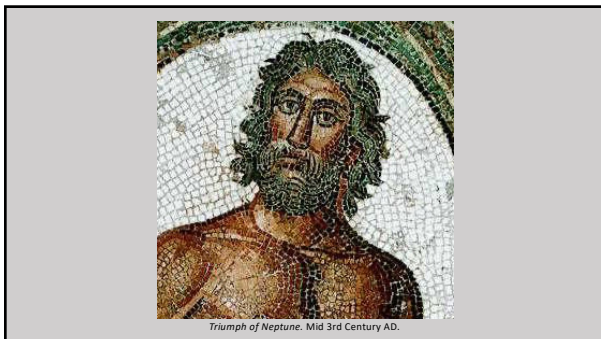
26



27



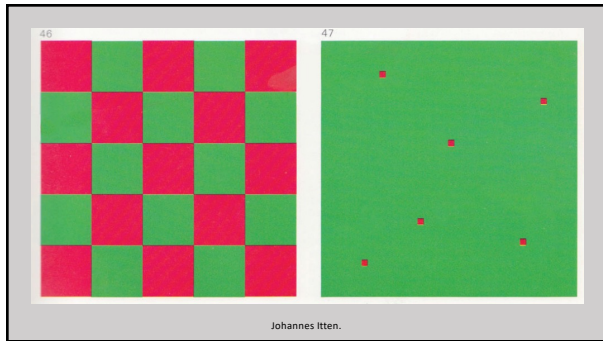
28



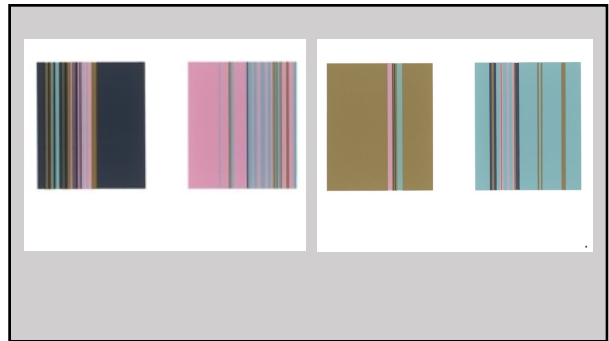
29

**Quantity**  
How much? How often?

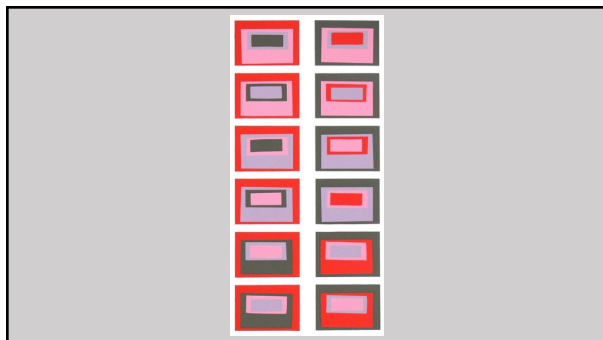
30



31



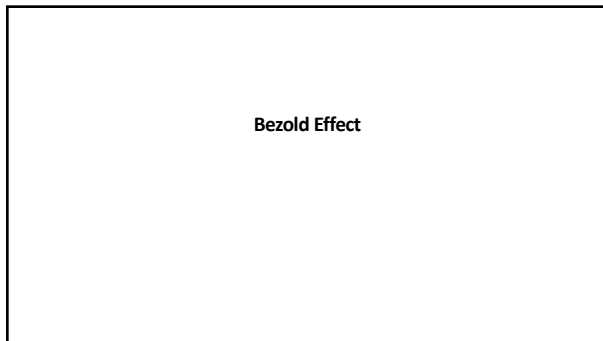
32



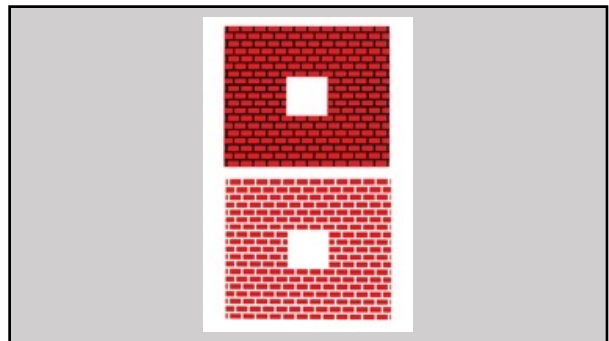
33



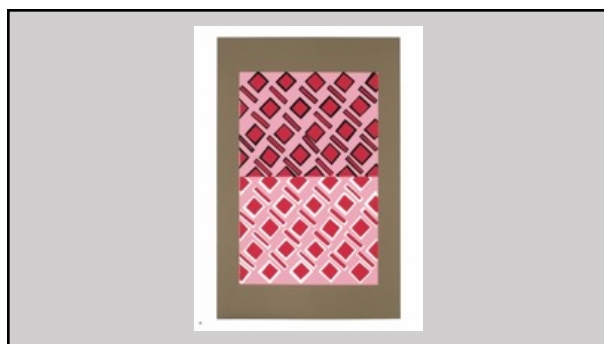
34



35



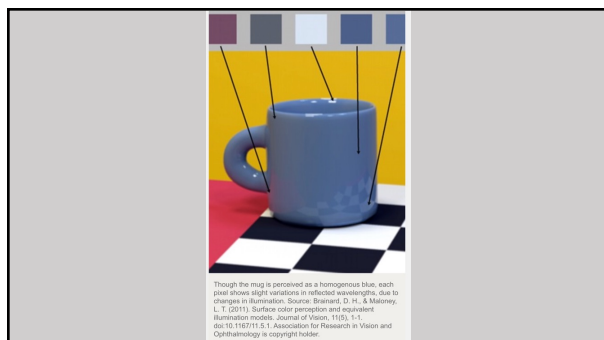
36



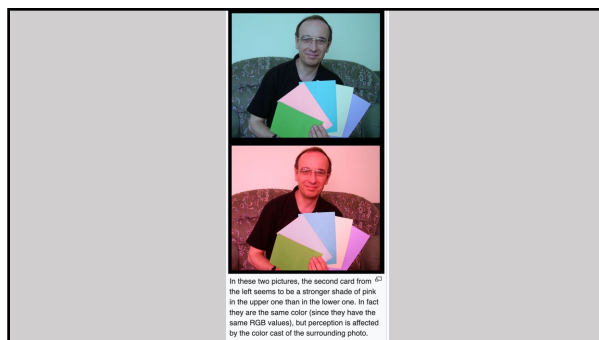
37

**Color Constancy/Retinex Theory**

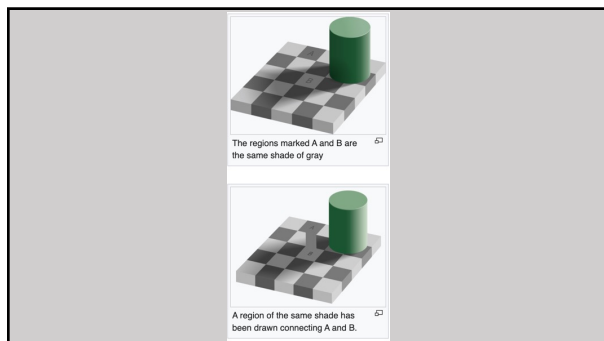
38



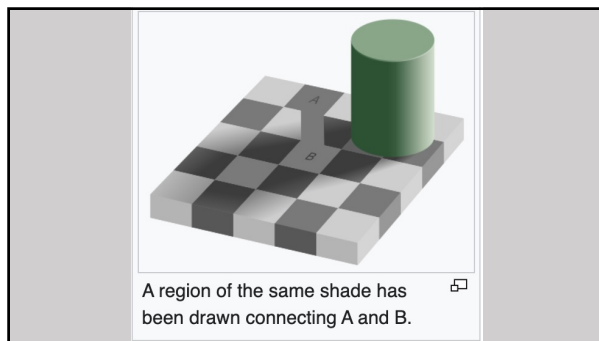
39



40



41



42