

Module 4: "Color Principles"

Lecture 12: "Primary & Secondary Color applied in Art"

The Lecture Contains:

- ☰ Primary Colors
- ☰ SECONDARY COLORS
- ☰ Monochromatic Color
- ☰ Analogous colors
- ☰ Complementary colors
- ☰ Tertiary colours
- ☰ Conclusion

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Primary Colors (pigment) in Design

Red, blue, and yellow-form a triad. "Primaries" are basic colors that cannot be achieved by mixing other colors. Another triad is the secondary colors-orange, violet, and green. Piet Mondrian's color theory has influence the field of design throughout the world.



Plate10.A Mondrian
Dress



Plate10. B Product



Plate10.C Chair

(Ref. [http://www.google.co.in/search?](http://www.google.co.in/search?hl=en&q=Mondrian+color+in+design&bav=on.2.or.r_gc.r_pw.r_qf..cf.osb&biw=1350&bih=555&um=1&ie=UTF-8&tbm=isch&source=og&sa=N&tab=wi&ei=ZoHHT6jhNtCsrAfVouzRDg)

[hl=en&q=Mondrian+color+in+design&bav=on.2.or.r_gc.r_pw.r_qf..cf.osb&biw=1350&bih=555&um=1&ie=UTF-8&tbm=isch&source=og&sa=N&tab=wi&ei=ZoHHT6jhNtCsrAfVouzRDg](http://www.google.co.in/search?hl=en&q=Mondrian+color+in+design&bav=on.2.or.r_gc.r_pw.r_qf..cf.osb&biw=1350&bih=555&um=1&ie=UTF-8&tbm=isch&source=og&sa=N&tab=wi&ei=ZoHHT6jhNtCsrAfVouzRDg) ; May 31, 2012)



Plate11. A Furniture Design



Plate11. B Interior Design

(Ref. [http://www.google.co.in/search?](http://www.google.co.in/search?hl=en&q=Primary+Colors+in+Product+Design&bav=on.2.or.r_gc.r_pw.r_qf..cf.osb&biw=1350&bih=555&um=1&ie=UTF-8&tbm=isch&source=og&sa=N&tab=wi&ei=dYDHT-zkM82zrAfQh5HFDg)

[hl=en&q=Primary+Colors+in+Product+Design&bav=on.2.or.r_gc.r_pw.r_qf..cf.osb&biw=1350&bih=555&um=1&ie=UTF-8&tbm=isch&source=og&sa=N&tab=wi&ei=dYDHT-zkM82zrAfQh5HFDg](http://www.google.co.in/search?hl=en&q=Primary+Colors+in+Product+Design&bav=on.2.or.r_gc.r_pw.r_qf..cf.osb&biw=1350&bih=555&um=1&ie=UTF-8&tbm=isch&source=og&sa=N&tab=wi&ei=dYDHT-zkM82zrAfQh5HFDg) ; May 31, 2012)

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Plate12. A.B & C Mondrian inspired architecture

(Ref. http://www.google.co.in/search?hl=en&q=Mondrian+color+in+design&bav=on.2.or.r_gc.r_pw.r_qf..cf.osb&biw=1350&bih=555&um=1&ie=UTF-8&tbn=isch&source=og&sa=N&tab=wi&ei=4YPHT6CLOsjTrQfRq5StDg ; May 31, 2012)

The style of Mondrian's Pure Plastic Art influence literally every sphere of our life (plates 10-12) spanning from fashion design to furniture design, architecture to interior design to household product design. The movement of minimalism has become to vernacular of modern day lifestyle.

SECONDARY COLORS

Each one is made by mixing two of the primaries. For instance, red and yellow mixed together make orange; red and blue make violet; and yellow and blue make green.

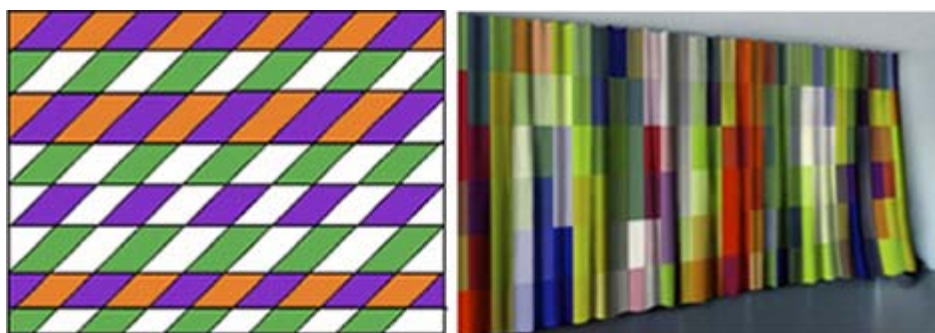


Plate13. A & B Secondary Color in Design

(Ref. http://www.google.co.in/search?hl=en&q=secondary+colors+in+fabric+design&bav=on.2.or.r_gc.r_pw.r_qf..cf.osb&biw=1350&bih=555&um=1&ie=UTF-8&tbn=isch&source=og&sa=N&tab=wi&ei=-IXHT4frloKurAfn2OXADg ; May 31, 2012)

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Monochromatic Color

Monochromatic Color based on one single hue which remains with the spectrum same range. Monochrome color schemes have only one color, while analogous color runs have at least three colors. "Monochrome" is from two Greek words, mono meaning "one" and chromo meaning, "color." A monochrome scheme includes the hue and all of its shades and tints. For instance, a maroon, red, light red and pink composition is a monochrome scheme. Any monochrome color scheme may also have black and white in it.



Plate 14.A Dry Leaf



Plate 14. B Mountain



Plate 14. C Collage

Ref. Plate A. http://www.google.co.in/search?hl=en&q=monochromatic+color+in+art&bav=on.2.or.r_gc.r_pw.r_qf..cf.osb&biw=1350&bih=555&um=1&ie=UTF8&tbm=isch&source=og&sa=N&tab=wi&ei=sYfHT4fbKNDiAe4iMjVDg#um=1&hl=en&tbm=isch&sa=1&q=monochromatic+color+in+nature&oq=monochromatic+color+in+nature&aq=f&aql=&aql=&gs_l=img.3...14538.15834.0.16333.6.2.0.4.0.0.152.260.0j2.2.0...0.0.TUNYdMu9OFk&pbx=1&bav=on.2.or.r_gc.r_pw.r_qf..cf.osb&fp=8dac87c10645ee48&biw=1350&bih=555 ; May 31, 2012

Plate B. http://www.google.co.in/search?hl=en&q=monochromatic+color+in+art&bav=on.2.or.r_gc.r_pw.r_qf..cf.osb&biw=1350&bih=555&um=1&ie=UTF8&tbm=isch&source=og&sa=N&tab=wi&ei=sYfHT4fbKNDiAe4iMjVDg#um=1&hl=en&tbm=isch&sa=1&q=monochromatic+color+in+landscape&oq=monochromatic+color+in+landscape&aq=f&aql=&aql=&gs_l=img.3...39.8696.3.9324.10.3.0.7.0.1.1062.1318.0j2j7-1.3.0...0.0.B4x2rZBpAhM&pbx=1&bav=on.2.or.r_gc.r_pw.r_qf..cf.osb&fp=8dac87c10645ee48&biw=1350&bih=555 ; May 31, 2012

Plate C. Author

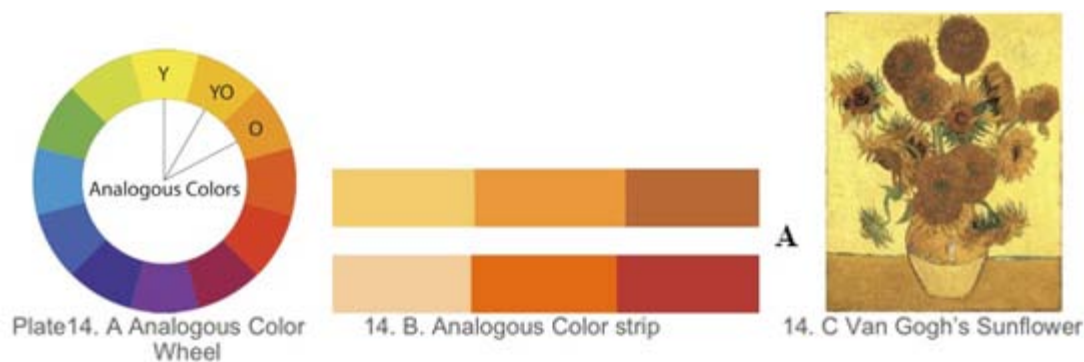
In nature we have ample examples of monochromatic colors depending on seasons. In nature based on the geographic conditions and seasonal changes above examples (plate 14 A&B) are available. Artists and designers have consciously applied such combination of colors (plate 14 C).

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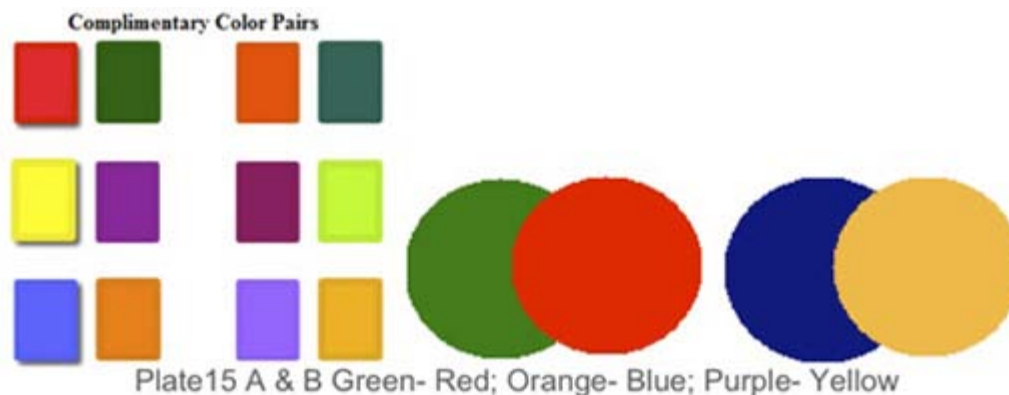
Analogous colors are basically side-by-side or close to each other. They remain within the same range of hues. Van Gogh (plate 14C) has made attempt apply such colors in his compositions.



(Ref.A http://www.google.co.in/search?hl=en&q=analogous+colors&bav=on.2.or.r_gc.r_pw.r_qf..cf.osb&biw=1350&bih=555&um=1&ie=UTF8&tbn=isch&source=og&sa=N&tab=wi&ei=klnHT9X0EsLorAfYqLHiDg ; May 31, 2012)

Ref.C: http://www.google.co.in/search?hl=en&pq=analogous+colors&cp=12&gs_id=3bb&xhr=t&q=van+gogh%27s+sunflowers&bav=on.2.or.r_gc.r_pw.r_qf..cf.osb&biw=1350&bih=555&um=1&ie=UTF-8&tbn=isch&source=og&sa=N&tab=wi&ei=7onHT-viGMLKrAfAhYTKDg ; May 31, 2012)

Complementary colors are opposite to primary colors.



(RefPlate 15A. http://www.google.co.in/search?hl=en&pq=analogous+colors&cp=2&gs_id=3wi&xhr=t&q=complementary+colors&bav=on.2.or.r_gc.r_pw.r_qf..cf.osb&biw=1350&bih=555&um=1&ie=UTF8&tbn=isch&source=og&sa=N&tab=wi&ei=X4rHT_SL4TxrQfqz6W1Dg ; May 31, 2012)

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Plate16. Green-Red; complementary in nature (photos by the author)

Tertiary colours

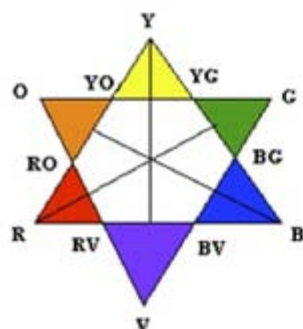


Plate17. Tertiary Colors in Nature (photos by the author)

- Tertiary colors are combinations of primary and secondary colours.
- There are six tertiary colors: red-orange, yellow-orange, yellow-green, blue-green, blue-violet, and red-violet.
- An easy way to remember these names is to place the primary name before the other colour. So, the tertiary colour produced when mixing the primary colour blue with the secondary colour green, is called 'blue-green'

Conclusion

The above topics addressed to the basic science and knowledge about color in pigments and in light. It is essential for artists and designers aware about the above topic so that they may apply consciously.