

1. Synesthesia is a condition where neural pathways combine senses. In some instances, it means a person can see sound and hear color.
2. This is possible because music and sound are both based on the frequencies of vibrations—of energy. So, both are made of the same thing but read in different dimensions.
3. When notes are combined, they change each other by making musical chords. In the same way, when colors are combined, they change each other and make a “color system,” or what we call a “palette.”
4. The color system an artist chooses is significant because color combinations express different states of mind, just like different chords express different states of mind. Following this logic, color systems can be in major and minor chords. Major chord color system would use primary colors, minor chord systems would use colors altered by their opposite color (compliment).
5. Both musical compositions and visual compositions are based on the same theory but adjusted to different mediums and dimensions.

### Vocabulary Words

- **Palette:** The colors an artist uses in combinations within a work of art, also called a **color system**.
- **Synesthesia:** Different senses like sight and hearing combining into a single dimension.
- **Visual Rhythm:** A rhythm created by repeating patterns that are seen.
- **Composition:** The term composition means 'putting together,' and can apply to any work of art, from music to writing to photography. Different elements are arranged or put together, put into a synthesis of parts that creates a whole.