



Lighting and Color Review

Film Analysis

What are the two basic types of lighting design?

Realistic Lighting Design

- Simulates an explicit lighting source on the screen
- Could be a lamp, an overhead light, the sun, the moon, a fire, etc.

Pictorial Lighting Design

- Used for artistic effect
- The lighting does NOT have to be realistic. It may be used for special effects or a thematic purpose .

(What's a practical?)

Examples from *A Beautiful Mind*

Realistic Lighting Design



Pictorial Lighting Design



2 Types of Light

Hard Lighting

- Fast fall-off and high contrast
- Lots of shadows
- Not flattering

Soft Lighting

- Slow fall-off and low contrast
- Few shadows
- Flattering

Which Is Hard Lighting and Which Is Soft Lighting?



How does the fall-off change?





**How would you describe
the fall-off in this picture?**

Slow . . . Why?

Q: How do filmmakers achieve hard and soft lighting designs?

A: Through high-key and low-key lighting setups.

Standard Three-Point Lighting

#3 Back Light



Object

#1 Key Light



#2 Fill Light



What is the key light?

- It is the main source of illumination usually directed on the face of the performer.



What is the back light?

It illuminates the rear portion of the set and/or the performer to create separation between the actor and the rear of the set.



What about the fill light?

- It fills in undesirable areas of shadow.



By varying these light sources, cinematographers produce . . .

Low-key Lighting

- Uses a bright key light in comparison with a small use of fill light.
- Most of the frame is underlit.
- Creates shadows.
- Popular for *Film Noir*

High-key Lighting

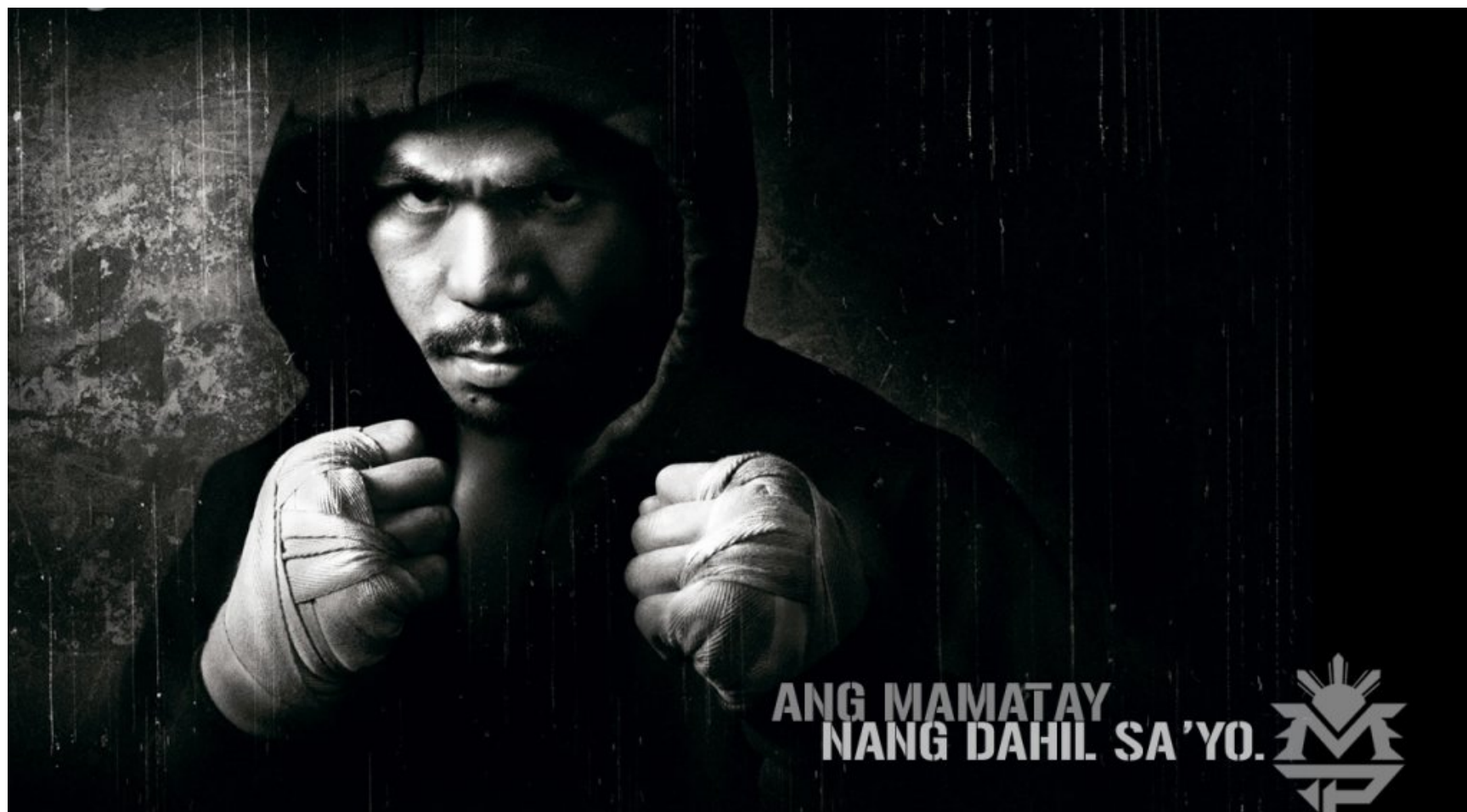
- Uses similar, bright intensities of key and fill light.
- Has an even level of illumination.
- Has few shadow areas.
- Popular in musicals



Low-key lighting is very constrasty, with both dark and bright areas in the frame. Observe the difference on Humphrey Bogart's face. Also, note that the lit part of Bogart's suit is pure white, while the top left corner of the screen is pure black. *Casablanca* (1942)







**ANG MAMATAY
NANG DAHIL SA'YO.**

What's Lighting Continuity?

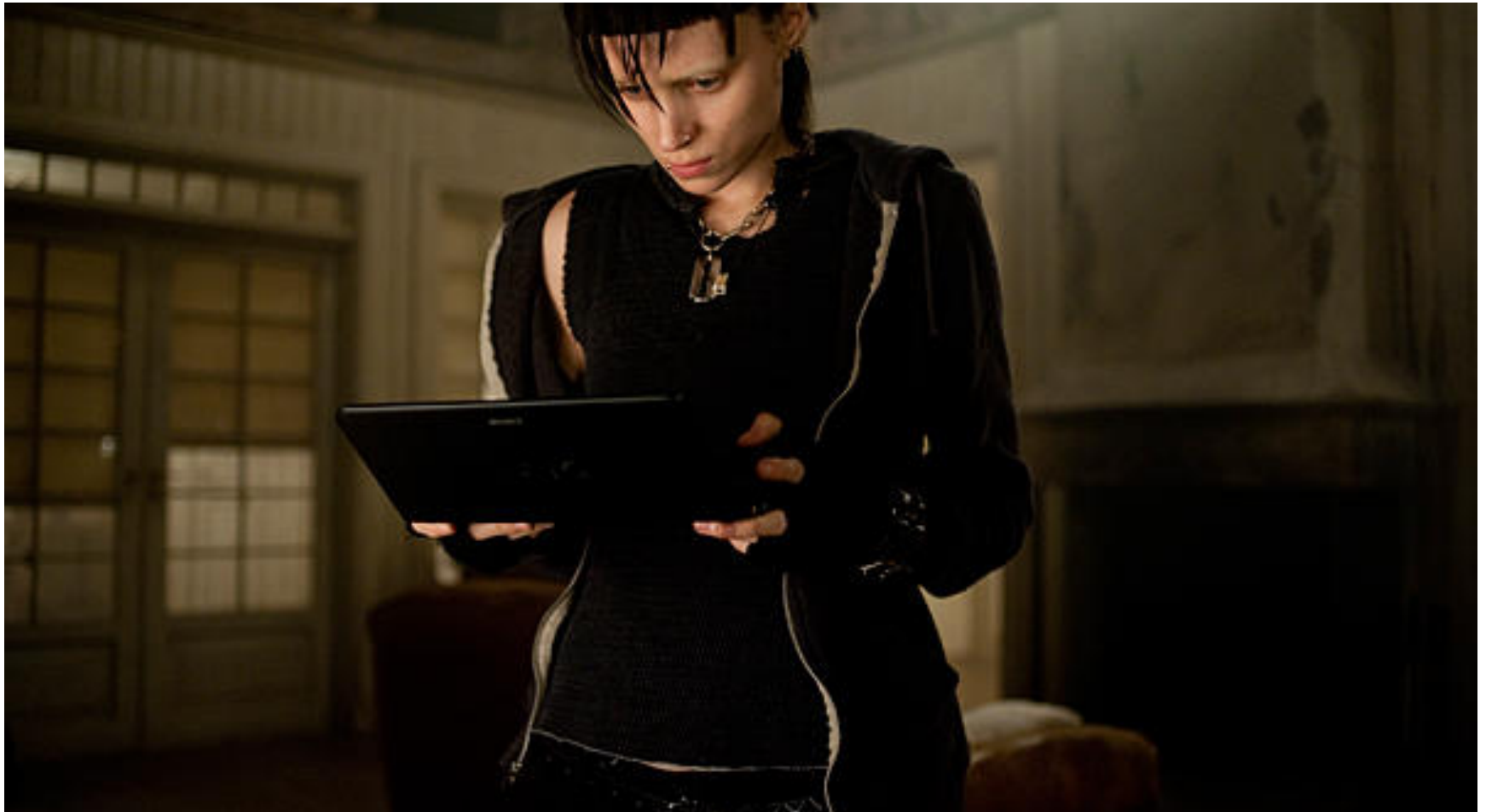
- The lighting should be consistent across shots and within shots.
- The light values should not change drastically from shot to shot or from changes in the camera's position.

What's so tough about that?

What Are the 3 Ways Color Functions in Film?

- Establishes Symbolic Meaning
- Establishes Narrative Organization
- Conveys Mood and Tone

How could you discuss this picture?



How is color being used here?



How could you discuss this picture?





What movie do you think this shot comes from?



