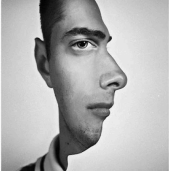

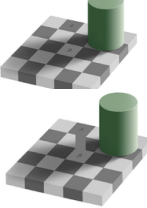



08-Form Perception



We are experts at pattern recognition and draw deep meaning from processing faces. Psychologists have been fascinated with understanding the underlying mechanisms and applications of this seemingly effortless ability.

Ambiguous stimuli and perceptual constancies.



@social_brains | I isolated a few of the colors that appear most "red" in the strawberries and put them on the white background to the right.



The Face on Mars from afar.



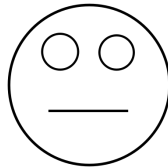
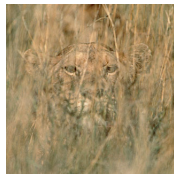
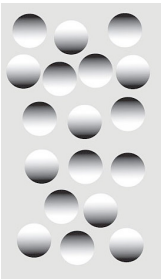
Big events are expected to have big causal explanations.



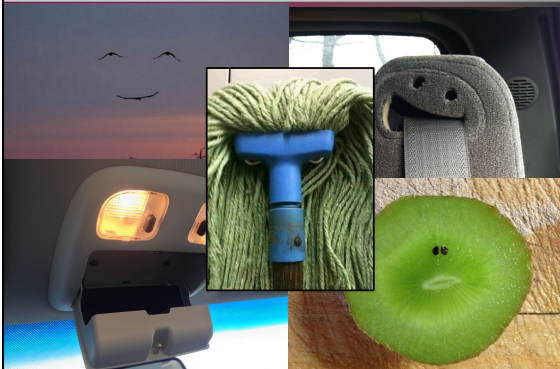
The President of Kumar is targeted in an assassination attempt. Later at the hospital...

- A. ...he fully recovers.
- B. ...he dies from his injuries.

> Faces: a special form of pattern recognition



> Pareidolia



An innate preference for faces is influenced by experience.





IntroPsych 1XX3 Class Lecture
Form Perception

Face Processing in the Lab



Department of Psychology,
Neuroscience, and Behaviour
<http://www.intropsych.net>
Copyright © 2009-2010. All rights reserved.



Two strategies for Face Processing

Configural

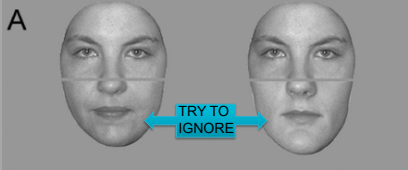


Featural

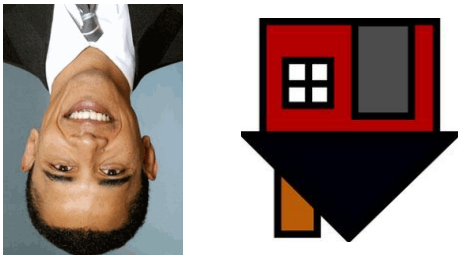


> The Composite Face Effect

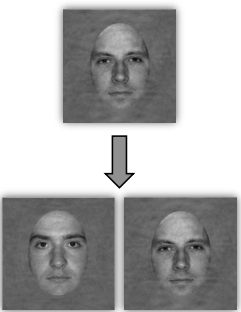
A

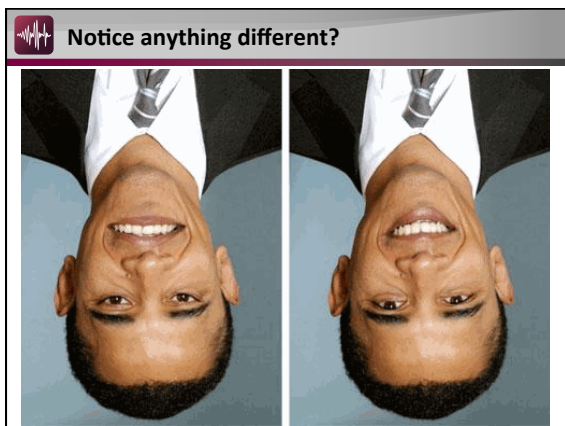



TRY TO IGNORE



> The Inversion Effect








IntroPsych 1XX3 Class Lecture
Form Perception

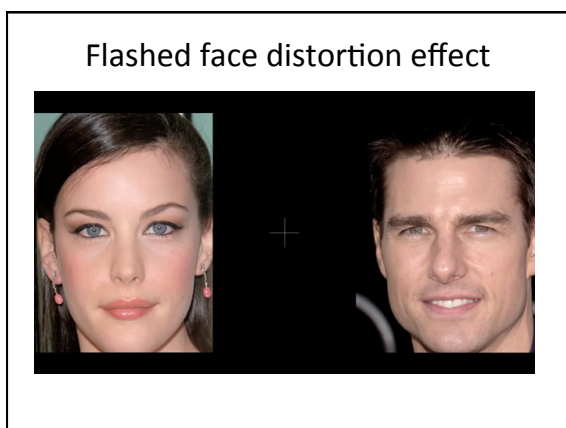
Are Faces Special?

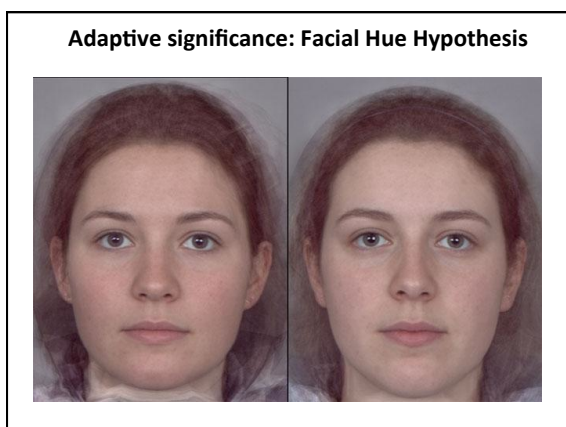


Department of Psychology,
Neuroscience, and Behaviour
<http://www.intropsych.net>
Copyright © 2009-2010. All rights reserved.

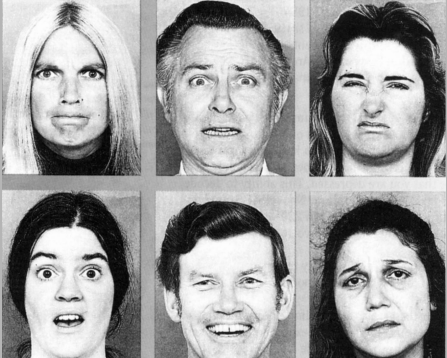






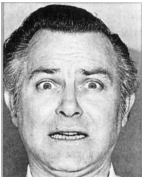


> What Makes Faces Important?




> Liar or Truth-teller?

- Listen carefully to stories told by your friends and consider whether they are Liars or Truth-tellers
- Ekman: 90% of liars faces show fear and disgust (compared to 30% of truth tellers)



Fear



Disgust

> Are 1XX3 Students skilled at Lie Detection?

“Was your storyteller was lying?”

“Yes” “No”

Present	Hit	Miss
Absent	False alarm	Correct rejection

Actual Lie is...
