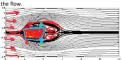


Streamlining 1930-1950
Streamlines in a flow are defined by being tangent to the flow field. Streamlines show the direction of the flow.



http://www.ams.sunysb.edu/~dyu/album/node3.html

rs of the flow streamlines, drag is reduced (form drag, not viscous



This was discovered as aeronautics was developed, WWI to WWII. It percolated into the popular culture.

Design in a Nutshell, from the British Open University: American Industrial Design. http://www2.open.ac.uk/openlearn/design\_nutshell/index.php#



Post War Design
Wikipedia says that American version of Bauhaus and International is Mid-Century Modern.
"Good Design" = Rational approach to design process using the formal, technical and aesthetic principles of the Modern Movement. Used heavily at Braun. Designer: Dieter Rams





Scandinavian design

Two movies with great 1950's aesthetics: Kitchen Stories, a sweet film set in Norway The Shape of Water, has excellent grungy post-WWII green industrial equipment.

## Pop 1958-1972

Andy Warhol, Roy Lichtenstein and Claes Oldenburg, Yayoi Kusama

Plastic, bright colors, simple shapes.

Pop had 'Anti-Design' associations, countered Modern Movement's 'Less is More'. Fun, not sober.

Drew on Art Nouveau, Art Deco, Futurism, Surrealism, Op Art, Psychedelia, Eastern Mysticism, Kitch and Space Age.

Comic books.

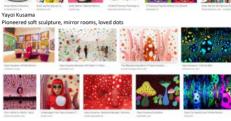


https://www.google.com/search?q=pop+design+movement&source=Inms& OahUKEwin4JPto8TLAhVO9WMKHRIwDh4Q\_AUIBygB&biw=1218&bih=596

Before inkjet and laser printing, letterpress and newspapers used halftone to get shades of gray; lower resolution; dots were visible. Used by Pop artists as a motif.







## Sketching Practice

