

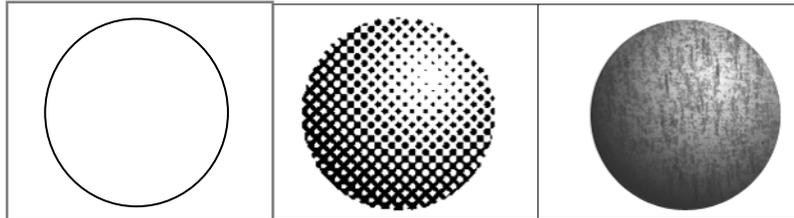




Figure 1 Paris Street: A Rainy Day by Gustave Caillebotte [8]

40  
41

42 With careful texturing, designers could also give familiar objects to viewers an illusion of  
43 volume, roughness and realism as shown in Figure 2 where texture gives an object the feel of  
44 stiffness. This creates a three dimensional perception even though it cannot be felt.



45  
46

Figure 2 Texture creates a volume that looks realistic [9]

47 Even though there are many examples where texture is effectively used, designers still need to  
48 pay a careful attention when applying it. Texture is an important part of many designs and  
49 systems, however; it could create ambiguity and overwhelm viewers when badly used.

## 50 References:

- 51 1. Art Textures principles & elements in design composition: Use Textures to Create Interest in Drawings.  
52 Retrieved January 28, 2011 from <http://www.drawinghowtodraw.com/drawing-lessons/art-design-principles/art-textures-composition.html>
- 53 2. Calvert, G., Spence, C., and Stein, B. E. (Eds.) 2004. The Handbook of Multisensory Processes. MIT Press,  
54 Cambridge, MA. Ch. 7
- 55 3. Christopher G. Healey , James T. Enns, Large Datasets at a Glance: Combining Textures and Colors in  
56 Scientific Visualization, IEEE Transactions on Visualization and Computer Graphics, v.5 n.2, p.145-167,  
57 April 1999 [doi:10.1109/2945.773807]
- 58 4. Kayla Knight, (2010).Texture Used in Web Design: Examples, Best Practices, and How-To. Retrieved  
59 January 28, 2011 from [http://www.onextrapixel.com/2010/07/16/texture-used-in-web-design-examples-](http://www.onextrapixel.com/2010/07/16/texture-used-in-web-design-examples-best-practices-and-how-to/)  
60 [best-practices-and-how-to/](http://www.onextrapixel.com/2010/07/16/texture-used-in-web-design-examples-best-practices-and-how-to/)
- 61 5. Borzellino, Giuseppe, Cordiano, & Claudio, (2007). Biliary Lithiasis: Basic Science, Current Diagnosis and  
62 Management. Italy: Springer. pp. 99
- 63 6. Jennifer Reynolds, (2011). How Can Shading & Texturing Increase the Sense of Depth & Volume in a  
64 Two-Dimensional Image? Retrieved January 26, 2011 from [http://www.ehow.com/info\\_7783673\\_can-](http://www.ehow.com/info_7783673_can-depth-volume-twodimensional-image.html#ixzz1CaVtH3b8)  
65 [depth-volume-twodimensional-image.html#ixzz1CaVtH3b8](http://www.ehow.com/info_7783673_can-depth-volume-twodimensional-image.html#ixzz1CaVtH3b8)
- 66 7. Gibson JJ. In: The perception of the visual world. Boston: Houghton Mifflin, 1950.
- 67 8. John H. Krantz, (2010). Vision and Art: Texture Gradient. Retrieved January 26, 2011 from Hanover  
68 college, Department of Psychology Web site: <http://psych.hanover.edu/krantz/art/paris.jpg>
- 69 9. Steven Bradley, (2010). Structures As Patterns and Textures: The Elements Of Design Part IV. Retrieved  
70 January 26, 2011 from <http://www.vanseodesign.com/web-design/structures-patterns-textures/>
- 71