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- Create a color "likelihood" image, with pixels weighted by similarity to the desired color (best for unicolored objects)
- Represent color distribution with a histogram. Use mean-shift to find region that has most similar distribution of colors.















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Glossing over the Details

Spatial smoothing of similarity function by introducing a spatial kernel (Gaussian, box filter)

obert Collins SE486, Penn State

> Take derivative of similarity with respect to colors. This tells what colors we need more/less of to make current hist more similar to reference hist.

Result is weighted mean shift we used before. However, the color weights are now computed "on-the-fly", and change from one iteration to the next.









