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### **Abstract**

Skin detection is the process of finding skin-colored pixels and regions in an image or a video. This process is typically used as a preprocessing step to find regions that potentially have human faces and limbs in images. Several computer vision approaches have been developed for skin detection. Skin detectors typically transform a given pixel into an appropriate color space and then use a skin classifier to label the pixel whether it is a skin or a non-skin pixel. In this paper, an efficient method for skin color segmentation on color photos is implemented. This

case has been suggested that the first color image from input color space to RGB color space and then transferred into YCBCR. After this transformation we have applied edge detection method to separate skin region and non skin region.

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### Index Terms

Computer Science

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### Keywords

Adaboost Color segmentation Color space image processing RGB YCbCr

