

ABSTRACT

The present invention relates to the technical field of image processing, and disclosed thereby are a skin color detection method and device and a storage medium. The method comprises: determining, for each pixel point in a target image to be subjected to skin color detection, a chrominance signal value of a pixel value corresponding to the pixel point in a YUV region (101); searching for a skin color probability value corresponding to the chrominance signal value in a stored skin color index matrix on the basis of the chrominance signal value of the pixel value corresponding to the pixel point in the YUV region (102), wherein the skin color index matrix is generated and obtained after processing skin color images under various lighting conditions, and the skin color probability value is the probability that the pixel point is a skin color point; and carrying out skin color detection on the basis of the skin color probability value corresponding to the chrominance signal value of each pixel point in the target image (103). With the present invention, the probability that the pixel point in the target images is a skin color point is determined by means of the skin color index matrix, thereby carrying out skin color detection, and thus preventing the problem of detection result inaccuracy due to different lighting conditions, and improving skin color detection accuracy.

FIG. 1