

## **IMAGE RETRIEVAL USING RGB COLOR SPACE**

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### **Abstract**

With the expansion of World Wide Web the amount of pictorial data has been growing enormously. Retrieving the images from a large collection of images has been an active area of research. Problem of retrieving images on the basis of derived features such as color, texture and shape are generally referred as Content-Based Image Retrieval (CBIR). In this paper a technique is presented to retrieve images based on color similarity by partitioning each of the Red, Green and Blue color space into non-overlapping tiles. Then the statistical features are obtained and submitted to nearest neighbor classifier for identification. This proposed system is tested with fruit images and obtained 93.50% accuracy.