
Subject: quick matrix algebra question

Posted by [b_gom](#) on Mon, 09 Jan 2006 19:36:28 GMT

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I'm sure someone must have a quick solution for this problem. I have a color transformation that I want to apply to an RGB pixel as follows:

```
M=fltarr(3,3)
RGB=bytarr(3)
;fill RGB and M with some values
result = transpose(M ## RGB) ;apply the transform.
```

Now, result contains the new values in the same format as RGB.
The question is: how do I do this efficiently on an RGB image (ie a (3,col,row) array)? Quick, before I use a for loop!

Thanks

Brad
