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Subject: Creating a dicom-file in HSV colors

Posted by [wengi](#) on Thu, 31 Jan 2008 10:14:58 GMT

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Hi there,

this is my first question to this newsgroup. I could not find my problem in the archives.

I want to create a dicom-file in the HSV-color format. We have the toolkit and I can create the files, but they do not contain what I want them to.

I pass a an array with size (3,25,25) to the method. The three fields contain the values for hue, saturation and value. Writing the file with

```
obj->setpixeldata, data, bits_allocated=bitsAlloc, $
                                photometric_interpretation = 'HSV',
$
                                columns = coli, $
                                rows = rowi, $
                                samples_per_pixel=3, $
                                planar_configuration = 0, $
                                pixel_representation = PixelRep, $
                                number_of_frames = 1
```

and committing it produces a dcm-file with the size 25x25. Looking at the file with a dicom-viewer shows that the first pixel-column of the created image contains the values of the first row of the first field of the input data.

Hard to describe...

Goal of the HSV-image should be to encode three different parameters of an examination in one image.

So my question: Does anybody know if I have to rearrange my passed-in data? IDL-Version is 6.3.

Greetings,  
wengi

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