

# Converting Colors

YUV(125.6950, 22.8284, 4.6525)

Have a look what the booklet for  
YUV(125.6950, 22.8284, 4.6525)  
contains.

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# Color

**YUV(125.6950, 22.8284,  
4.6525)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8372AC
RGB	131, 114, 172
RGB Percent	51%, 45%, 67%
CMY	0.4863, 0.5529, 0.3255
CMYK	0.24, 0.34, 0.00, 0.33
HSL	258°, 26%, 56%
HSV	258°, 34%, 67%
XYZ	22.8238, 19.8385, 41.6560
YIQ	125.6950, -8.4860, 21.6420

# Conversions

## Conversions Part 2

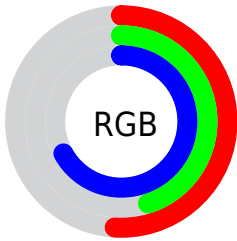
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 114, 172
Decimal	8614572
CIE <sub>Lab</sub>	51.65, 19.17, -28.54
CIE <sub>LCh</sub>	52, 34.383, 303.881
Yxy	19.8385, 0.2707, 0.2353
Android (android.graphics.Color)	4286804652 (0xFF8372AC)
YUV	125.6950, 22.8284, 4.6525
Hunter-Lab	44.5404, 13.5228, -24.2721

# Details

The YUV color  $125.6950, 22.8284, 4.6525$  is a dark color, and the websafe version is hex  $666699$ . A complement of this color would be  $160.3050, -22.8284, -4.6525$ , and the grayscale version is  $125.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $178.7490, 24.2807, 5.4821$ , and  $76.2280, 21.0866, 3.3080$  is the 20% darker color. If you saturate the color by 10%, you get  $112.1280, 29.5169, 6.0267$ , and if you desaturate by 10%, it is  $139.2620, 16.1398, 3.2782$ .

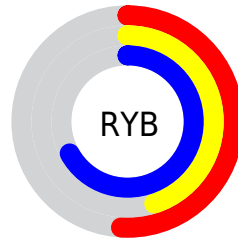
# Distribution



Red (51%)

Green (45%)

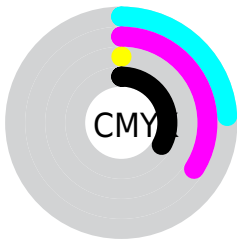
Blue (67%)



Red (51%)

Yellow (45%)

Blue (67%)

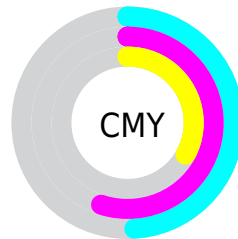


Cyan (24%)

Magenta (34%)

Yellow (0%)

Black (33%)



Cyan (49%)

Magenta (55%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 125.6950, 22.8284, 4.6525 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 125.6950, 22.8284, 4.6525 by changing the saturation by 10% instead.



■ 125.6950, 22.8284,  
4.6525

■ 125.6950, 22.8284,  
4.6525

■ 255.0000, 0.0000,  
0.0000

■ 100.1680, 22.1022,  
4.2377

■ 178.7490, 24.2807,  
5.4821

■ 76.2280, 21.0866,  
3.3080

■ 206.0480, 24.1333,  
6.0969

■ 53.2880, 20.0710,  
2.3784

■ 231.1550, 11.7556,  
9.5111

■ 31.0490, 19.2028,  
0.8340

■ 252.0650, 1.4470,  
2.5740

■ 9.3590, 19.0500,  
3.1932

■ 3.5510, 11.0674,  
-3.1142

■ 0.0000, 0.0000,

0.0000

125.6950, 22.8284,  
4.6525

125.6950, 22.8284,  
4.6525

112.1280, 29.5169,  
6.0267

139.2620, 16.1398,  
3.2782

98.5610, 36.2054,  
7.4010

152.8290, 9.4513,  
1.9040

84.4070, 43.1833,  
9.2901

166.9830, 2.4734,  
0.0149

70.5410, 50.0193,  
10.0495

180.8490, -4.3626,  
-0.7446

56.9740, 56.7078,  
11.4238

194.4160,  
-11.0511, -2.1188

43.4070, 63.3963,  
12.7981

207.9830,  
-17.7396, -3.4931

■ 34.5580, 67.7589,  
13.5426

■ 221.5500,  
-24.4282, -4.8674

■ 235.7040,  
-31.4061, -6.7564

■ 241.0530,  
-34.0431, -0.9235

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



118.9400, 31.0886, -31.5194



125.6950, 22.8284, 4.6525



126.8850, 11.3957, 31.6729

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



125.6950, 22.8284, 4.6525



122.2760, -25.2791, 34.8379



95.9680, 14.8058, -82.4099

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



125.6950, 22.8284, 4.6525



160.3050, -22.8284, -4.6525

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



111.7060, -7.7431, -36.5762



125.6950, 22.8284, 4.6525



120.6450, -28.4190, 15.2203

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



125.6950, 22.8284, 4.6525



123.8720, -15.7129, 46.5933



117.2120, -21.7965, -8.9559



98.6760, 27.7677, -86.5389



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



125.6950, 22.8284, 4.6525



125.8450, 2.0484, 43.1089



117.2120, -21.7965, -8.9559



104.9940, 5.4260, -60.5077

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



125.6950, 22.8284, 4.6525



206.6010, 8.5777, 2.1039



145.2660, 13.1799, -27.4203



101.6780, 5.0887, 1.1594



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



125.6950, 22.8284, 4.6525



152.9200, 35.0424, 7.0862



134.0670, 18.7010, 21.8662



79.9230, 3.4890, 0.9445



30.2560, 59.0338, 12.0535



4.7150, 9.0145, 2.0039



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



136.0160, 9.3591, 31.5580



168.7930, 14.3991, 48.4165



151.9330, -18.7010, -21.8662



81.3750, 1.2941, 4.9331



56.9340, 24.1895, 81.6189



8.7010, 3.5984, 12.5402



# Previews

## White Background



This preview shows how the YUV color 125.6950, 22.8284, 4.6525 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 125.6950, 22.8284, 4.6525 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

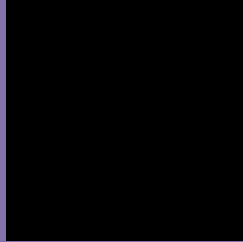
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 125.6950, 22.8284, 4.6525

## Background



This preview shows how black text looks on a background with the YUV color 125.6950, 22.8284, 4.6525.



This preview shows how white text looks on a background with the YUV color 125.6950, 22.8284, 4.6525.



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

125.6950, 22.8284, 4.6525

### Protanopia

122.7140, 27.2560, -15.5352

### Deuteranopia

123.2860, 23.0300, -13.4058



## Tritanopia

123.7380, 4.0732, 0.2298

# Trichromacy



## Original Color

125.6950, 22.8284, 4.6525

## Protanomaly

123.4160, 25.9239, -8.2578

## Deuteranomaly

124.0310, 23.1557, -7.0432

## Tritanomaly

124.5840, 11.0511, 2.1188

# Monochromacy



## Original Color

125.6950, 22.8284, 4.6525

## Achromatopsia

126.0000, 0.0000, 0.0000

## Achromatomaly

126.1880, 8.2883, 1.5891

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 125.6950, 22.8284, 4.6525 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(131, 114, 172)` looks like.

```
.text, #text, p{  
    color:rgb(131, 114, 172)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(131, 114, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 114, 172) }
```

## Border

The CSS property to change the border of an element to YUV 125.6950, 22.8284, 4.6525 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(131, 114, 172) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(131, 114, 172) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(131, 114, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 114, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 114, 172);  
box-shadow:4px 4px 4px 4px rgb(131, 114,  
172) }
```

# Background

The CSS property to change the background color of an element to YUV 125.6950, 22.8284, 4.6525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 114, 172) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(131,  
114, 172) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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