

# Converting Colors

YUV(89.4450, -4.6564, 46.9677)

Have a look what the booklet for  
YUV(89.4450, -4.6564, 46.9677)  
contains.

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# Color

**YUV(89.4450, -4.6564,  
46.9677)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F4050
RGB	143, 64, 80
RGB Percent	56%, 25%, 31%
CMY	0.4392, 0.7490, 0.6863
CMYK	0.00, 0.55, 0.44, 0.44
HSL	348°, 38%, 41%
HSV	348°, 55%, 56%
XYZ	14.6091, 10.0856, 8.7662
YIQ	89.4450, 41.9480, 21.7240

# Conversions

## Conversions Part 2

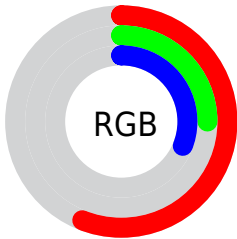
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 64, 80
Decimal	9388112
CIE <sub>Lab</sub>	38.00, 35.09, 6.74
CIE <sub>LCh</sub>	38, 35.734, 10.865
Yxy	10.0856, 0.4366, 0.3014
Android (android.graphics.Color)	4287578192 (0xFF8F4050)
YUV	89.4450, -4.6564, 46.9677
Hunter-Lab	31.7579, 26.5362, 5.8646

# Details

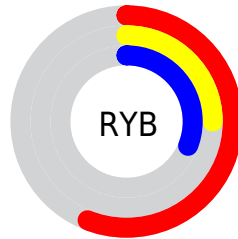
The YUV color **89.4450, -4.6564, 46.9677** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **117.5550, 4.6564, -46.9677**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.0110, -6.4144, 50.8564**, and **38.3460, -1.1566, 44.4236** is the 20% darker color. If you saturate the color by 10%, you get **79.9730, -5.4097, 55.2747**, and if you desaturate by 10%, it is **98.9170, -3.9031, 38.6608**.

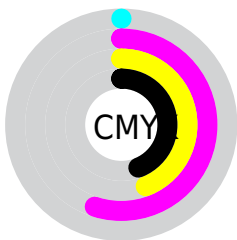
# Distribution



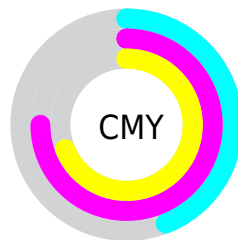
- Red (56%)
- Green (25%)
- Blue (31%)



- Red (56%)
- Yellow (25%)
- Blue (31%)



- Cyan (0%)
- Magenta (55%)
- Yellow (44%)
- Black (44%)



- Cyan (44%)
- Magenta (75%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 89.4450, -4.6564, 46.9677 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 89.4450, -4.6564, 46.9677 by changing the saturation by 10% instead.



89.4450, -4.6564,  
46.9677

89.4450, -4.6564,  
46.9677

255.0000, 0.0000,  
0.0000

64.0750, -3.4880,  
45.5382

142.0110, -6.4144,  
50.8564

38.3460, -1.1566,  
44.4236

168.9080, -6.8566,  
52.7007

20.4330, -3.1715,  
37.3313

195.6090, -6.7092,  
52.0859

12.0740, -5.4595,  
24.4911

214.5360, -2.7292,  
35.4869

0.0000, 0.0000,  
0.0000

234.8650, 1.5456,  
17.6584

253.8260, 0.5788,

1.0296

■ 89.4450, -4.6564,  
46.9677

■ 89.4450, -4.6564,  
46.9677

■ 79.9730, -5.4097,  
55.2747

■ 98.9170, -3.9031,  
38.6608

■ 69.8000, -6.3104,  
64.1964

■ 109.0900, -3.0024,  
29.7391

■ 60.3280, -7.0637,  
72.5033

■ 118.5620, -2.2491,  
21.4321

■ 50.7420, -8.2538,  
80.9103

■ 128.1480, -1.0590,  
13.0252

■ 46.0630, -8.4121,  
85.0137

■ 138.2070, -0.5951,  
4.2035

■ 147.6790, 0.1583,  
-4.1035

■ 157.2650, 1.3484,  
-12.5104

■ 166.7370, 2.1017,  
-20.8173

■ 176.9100, 3.0024,  
-29.7391

# Harmonies

## Analogous

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



91.5220, 8.6167, 36.3762



89.4450, -4.6564, 46.9677



88.3940, -17.4492, 43.5045

# Triad

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



89.4450, -4.6564, 46.9677



81.6780, -18.5753, -15.5036



73.9420, 34.5386, -64.8471

# Complementary

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



89.4450, -4.6564, 46.9677



117.5550, 4.6564, -46.9677

# 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.



74.3520, 25.9555, -65.2067



89.4450, -4.6564, 46.9677



70.1320, -0.5581, -54.4898

# Square

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



89.4450, -4.6564, 46.9677



85.4270, -27.8185, 9.2725



72.3340, 13.1463, -63.4369



85.9300, 29.6145, -25.3716



# Rectangle

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



89.4450, -4.6564, 46.9677



88.5040, -24.4055, 34.6380



72.3340, 13.1463, -63.4369



74.5460, 31.7758, -65.3768

# Sweetspot

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



89.4450, -4.6564, 46.9677



164.9530, -1.9488, 18.4582



91.5440, 25.3678, 30.2179



81.1370, -1.0535, 11.2809



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



89.4450, -4.6564, 46.9677



102.6270, -7.2111, 73.1181



100.5350, -18.0118, 37.2418



66.3210, -0.1583, 4.1035



43.4430, -8.1064, 80.2955



2.6200, -0.3057, 4.7183



# Inverse Universe

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



89.4450, -4.6564, 46.9677



102.6270, -7.2111, 73.1181



106.4650, 18.0118, -37.2418



66.3210, -0.1583, 4.1035



43.4430, -8.1064, 80.2955

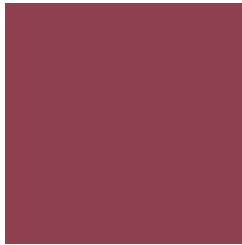


2.6200, -0.3057, 4.7183



# Previews

## White Background



This preview shows how the YUV color 89.4450, -4.6564, 46.9677 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

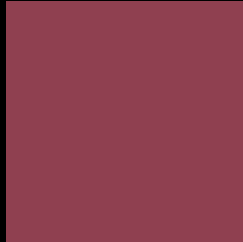
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 89.4450, -4.6564, 46.9677 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

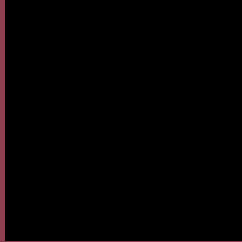
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 89.4450, -4.6564, 46.9677**

## **Background**



This preview shows how black text looks on a background with the YUV color 89.4450, -4.6564, 46.9677.



This preview shows how white text looks on a background with the YUV color 89.4450, -4.6564,



# 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

89.4450, -4.6564, 46.9677

### Protanopia

90.7550, 1.5998, 0.2149

### Deuteranopia

90.8290, -7.3107, 11.5510



## Tritanopia

89.1800, -9.4557, 46.3231

# Trichromacy



## Original Color

89.4450, -4.6564, 46.9677

## Protanomaly

90.5830, -0.7804, 17.0287

## Deuteranomaly

90.4330, -6.6225, 24.1763

## Tritanomaly

89.0490, -7.4192, 46.4380

# Monochromacy



## Original Color

89.4450, -4.6564, 46.9677

## Achromatopsia

89.0000, 0.0000, 0.0000

## Achromatomaly

89.3550, -1.6540, 17.2287

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 89.4450, -4.6564, 46.9677 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(143, 64, 80)` looks like.

```
.text, #text, p{  
    color:rgb(143, 64, 80)  
}
```

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(143, 64, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 64, 80) }
```

## Border

The CSS property to change the border of an element to YUV 89.4450, -4.6564, 46.9677 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(143, 64, 80) }
```



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

```
.border{ border-color:rgb(143, 64, 80) }
```

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

Here you see how a box with a 4 pixel rgb(143, 64, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 64, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 64, 80);  
box-shadow:4px 4px 4px 4px rgb(143, 64,  
80) }
```

# Background

The CSS property to change the background color of an element to YUV 89.4450, -4.6564, 46.9677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 64, 80) }
```

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

```
.background{ background-color: rgb(143, 64,  
80) }
```

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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