

# Converting Colors

YUV(91.6560, 45.5256, 4.6867)

Have a look what the booklet for  
YUV(91.6560, 45.5256, 4.6867)  
contains.

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# Color

**YUV(91.6560, 45.5256,  
4.6867)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6147B8
RGB	97, 71, 184
RGB Percent	38%, 28%, 72%
CMY	0.6196, 0.7216, 0.2784
CMYK	0.47, 0.61, 0.00, 0.28
HSL	254°, 44%, 50%
HSV	254°, 61%, 72%
XYZ	15.8347, 10.5086, 46.5412
YIQ	91.6560, -20.7770, 40.6550

# Conversions

## Conversions Part 2

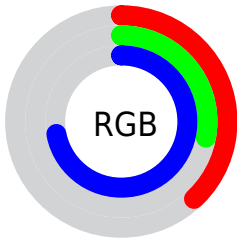
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 71, 184
Decimal	6375352
CIE <sub>Lab</sub>	38.74, 39.17, -56.28
CIE <sub>LCh</sub>	39, 68.570, 304.842
Yxy	10.5086, 0.2173, 0.1442
Android (android.graphics.Color)	4284565432 (0xFF6147B8)
YUV	91.6560, 45.5256, 4.6867
Hunter-Lab	32.4169, 30.4626, -62.4312

# Details

The YUV color **91.6560, 45.5256, 4.6867** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **163.3440, -45.5256, -4.6867**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.2480, 47.6987, 7.6755**, and **40.5580, 44.0949, -3.1204** is the 20% darker color. If you saturate the color by 10%, you get **76.9040, 52.7983, 5.3462**, and if you desaturate by 10%, it is **106.4080, 38.2529, 4.0272**.

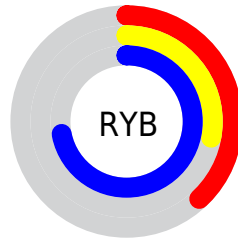
# Distribution



Red (38%)

Green (28%)

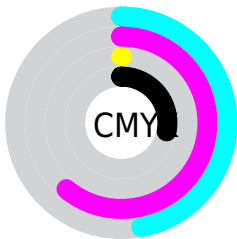
Blue (72%)



Red (38%)

Yellow (28%)

Blue (72%)

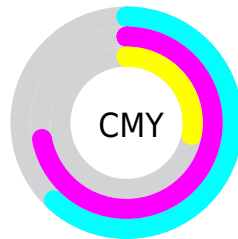


Cyan (47%)

Magenta (61%)

Yellow (0%)

Black (28%)



Cyan (62%)

Magenta (72%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 91.6560, 45.5256, 4.6867 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 91.6560, 45.5256, 4.6867 by changing the saturation by 10% instead.



91.6560, 45.5256,  
4.6867

91.6560, 45.5256,  
4.6867

255.0000, 0.0000,  
0.0000

66.4060, 44.6628,  
1.3979

144.2480, 47.6987,  
7.6755

40.5580, 44.0949,  
-3.1204

169.7770, 42.0149,  
10.7196

13.6170, 44.5588,  
-11.9421

194.2970, 29.9266,  
14.6485

9.0060, 34.5070,  
-7.8983

219.1160, 17.6908,  
19.1923

9.2050, 22.5769,  
-8.0728

240.3250, 7.2348,  
12.8700

4.9360, 13.8356,  
-4.3289

0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,  
0.0000

■ 91.6560, 45.5256,  
4.6867

■ 91.6560, 45.5256,  
4.6867

■ 76.9040, 52.7983,  
5.3462

■ 106.4080, 38.2529,  
4.0272

■ 61.5650, 60.3605,  
6.5205

■ 121.7470, 30.6907,  
2.8529

■ 46.8130, 67.6332,  
7.1800

■ 136.4990, 23.4180,  
2.1934

■ 33.5340, 74.1797,  
7.4247

■ 152.1370, 15.7085,  
1.6339

■ 166.8890, 8.4357,  
0.9743

■ 181.6410, 1.1630,  
0.3148

■ 196.9800, -6.3991,  
-0.8595

■ 211.7320,  
-13.6719, -1.5190

■ 227.0710,  
-21.2340, -2.6933

# Harmonies

## Analogous

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



79.6080, 61.3253, -69.8162



91.6560, 45.5256, 4.6867



82.0080, 28.5901, 70.1530

# Triad

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



91.6560, 45.5256, 4.6867



84.7550, -41.7842, 55.4659



78.2040, 10.2524, -68.5849

# Complementary

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



91.6560, 45.5256, 4.6867



163.3440, -45.5256, -4.6867

# 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.



69.6030, -15.0873, -61.0418



91.6560, 45.5256, 4.6867



85.1000, -41.9543, 16.5753

# Square

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



91.6560, 45.5256, 4.6867



75.1270, -22.2476, 89.3426



73.8940, -36.4297, -28.8480



84.4740, 34.2763, -74.0837



# Rectangle

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



91.6560, 45.5256, 4.6867



65.8610, 18.3095, 100.9769



73.8940, -36.4297, -28.8480



75.4510, 2.2427, -66.1705

# Sweetspot

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



91.6560, 45.5256, 4.6867



204.5930, 17.4557, 1.2339



136.1250, 23.6024, -57.1146



98.1710, 10.7617, 1.6040



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



91.6560, 45.5256, 4.6867



94.5510, 71.7064, 7.4098



108.1010, 37.4182, 38.4994



84.6240, 3.6364, 0.3298



28.5480, 62.8338, 6.5354



4.9860, 11.3459, 0.8893



# Inverse Universe

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



114.7050, 21.3444, 60.7717



130.8400, 33.6029, 95.7333



146.8990, -37.4182, -38.4994



86.4890, 1.7309, 4.8331



60.3240, 29.4203, 83.9079

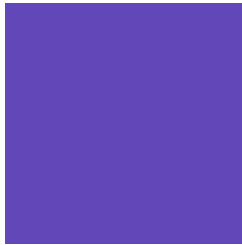


10.8800, 5.4822, 15.0142



# Previews

## White Background



This preview shows how the YUV color 91.6560, 45.5256, 4.6867 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 91.6560, 45.5256, 4.6867 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

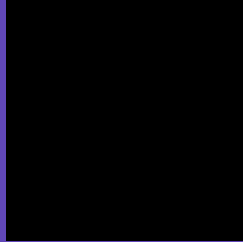
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 91.6560, 45.5256, 4.6867

## Background



This preview shows how black text looks on a background with the YUV color 91.6560, 45.5256, 4.6867.



This preview shows how white text looks on a background with the YUV color 91.6560, 45.5256,



# 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

91.6560, 45.5256, 4.6867

### Protanopia

72.9740, 56.2148, -63.9982

### Deuteranopia

73.0590, 43.8479, -64.0727



## Tritanopia

89.2310, 6.2951, -12.4806

# Trichromacy



## Original Color

91.6560, 45.5256, 4.6867

## Protanomaly

79.8030, 52.3551, -39.2922

## Deuteranomaly

79.7400, 44.4982, -39.2370

## Tritanomaly

90.3470, 20.5349, -6.4433

# Monochromacy



## Original Color

91.6560, 45.5256, 4.6867

## Achromatopsia

92.0000, 0.0000, 0.0000

## Achromatomaly

91.6640, 16.4346, 2.0487

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 91.6560, 45.5256, 4.6867 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(97, 71, 184)` looks like.

```
.text, #text, p{  
    color:rgb(97, 71, 184)  
}
```

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(97, 71, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 71, 184) }
```

## Border

The CSS property to change the border of an element to YUV 91.6560, 45.5256, 4.6867 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(97, 71, 184) }
```



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

```
.border{ border-color:rgb(97, 71, 184) }
```

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

Here you see how a box with a 4 pixel rgb(97, 71, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 71, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 71, 184);  
box-shadow:4px 4px 4px 4px rgb(97, 71,  
184) }
```

# Background

The CSS property to change the background color of an element to YUV 91.6560, 45.5256, 4.6867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 71, 184) }
```

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

```
.background{ background-color: rgb(97, 71,  
184) }
```

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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