

# Converting Colors

YUV(55.5430, 33.7493, 48.6358)

Have a look what the booklet for  
YUV(55.5430, 33.7493, 48.6358)  
contains.

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# Color

**YUV(55.5430, 33.7493,  
48.6358)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F0E7C
RGB	111, 14, 124
RGB Percent	44%, 5%, 49%
CMY	0.5647, 0.9451, 0.5137
CMYK	0.10, 0.89, 0.00, 0.51
HSL	293°, 80%, 27%
HSV	293°, 89%, 49%
XYZ	10.3507, 5.1488, 19.5171
YIQ	55.5430, 22.5020, 54.7740

# Conversions

## Conversions Part 2

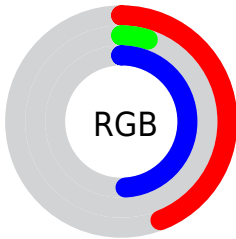
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 14, 124
Decimal	7278204
CIE <sub>Lab</sub>	27.15, 52.76, -38.36
CIE <sub>LCh</sub>	27, 65.232, 323.978
Yxy	5.1488, 0.2956, 0.1470
Android (android.graphics.Color)	4285468284 (0xFF6F0E7C)
YUV	55.5430, 33.7493, 48.6358
Hunter-Lab	22.6910, 41.7148, -35.1130




# Details

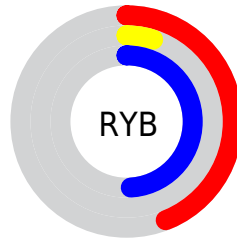
The YUV color **55.5430, 33.7493, 48.6358** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **82.4570, -33.7493, -48.6358**, and the grayscale version is **55.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **113.2500, 31.4288, 46.2617**, and **25.7780, 23.7734, 28.2587** is the 20% darker color. If you saturate the color by 10%, you get **48.2000, 37.3694, 54.1986**, and if you desaturate by 10%, it is **62.8860, 30.1292, 43.0730**.

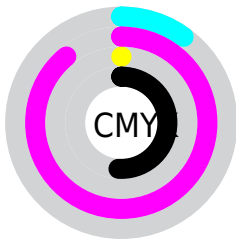
# Distribution







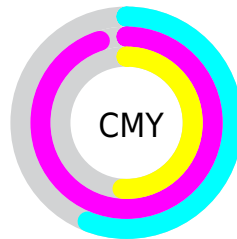
-  Red (44%)
-  Green (5%)
-  Blue (49%)






-  Red (44%)
-  Yellow (5%)
-  Blue (49%)



-  Cyan (10%)
-  Magenta (89%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (56%)
-  Magenta (95%)
-  Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 55.5430, 33.7493, 48.6358 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 55.5430, 33.7493, 48.6358 by changing the saturation by 10% instead.



■ 55.5430, 33.7493,  
48.6358

■ 55.5430, 33.7493,  
48.6358

■ 255.0000, 0.0000,  
0.0000

■ 36.4020, 30.8608,  
41.7434

■ 113.2500, 31.4288,  
46.2617

■ 25.7780, 23.7734,  
28.2587

■ 140.0760, 32.0075,  
47.2913

■ 16.2790, 17.1175,  
16.4183

■ 167.7880, 32.1495,  
48.4209

■ 4.4800, 12.0884,  
-3.9290

■ 195.1150, 29.5233,  
50.7651

■ 0.0000, 0.0000,  
0.0000

■ 212.1490, 21.1255,  
37.5803

■ 229.1720, 12.7332,

22.6512

246.1950, 4.3409,  
7.7220

55.5430, 33.7493,  
48.6358

55.5430, 33.7493,  
48.6358

48.2000, 37.3694,  
54.1986

62.8860, 30.1292,  
43.0730

46.7270, 38.0956,  
54.6134

71.1150, 26.0723,  
37.6101

78.4580, 22.4522,  
32.0473

86.6870, 18.3953,  
26.5845

94.0300, 14.7752,  
21.0217

■ 101.6720, 11.0077,  
16.0737

■ 109.6020, 7.0982,  
9.9960

■ 117.2440, 3.3307,  
5.0480

■ 125.1740, -0.5788,  
-1.0296

# Harmonies

## Analogous

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



50.8840, 52.8082, -44.6253



55.5430, 33.7493, 48.6358



51.5350, 12.5542, 80.2148

# Triad

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



55.5430, 33.7493, 48.6358



60.9450, -30.0459, 23.7272



60.5770, 21.4075, -53.1260

# Complementary

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



55.5430, 33.7493, 48.6358



82.4570, -33.7493, -48.6358

# 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.



54.0620, -1.0166, -47.4124



55.5430, 33.7493, 48.6358



54.8110, -27.0218, -12.9892

# Square

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



55.5430, 33.7493, 48.6358



54.9740, -27.1022, 59.6588



46.9600, -23.1513, -41.1839



64.7780, 40.0424, -56.8103



# Rectangle

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



55.5430, 33.7493, 48.6358



48.6700, -2.3023, 85.3584



46.9600, -23.1513, -41.1839



58.6390, 13.9820, -51.4264

# Sweetspot

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



55.5430, 33.7493, 48.6358



133.6770, 13.4702, 19.5773



35.3450, 43.7069, -18.7196



65.2540, 8.2558, 12.0552



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



55.5430, 33.7493, 48.6358



60.8120, 49.3927, 71.2019



54.8700, 14.3611, 60.6270



57.1790, 1.8838, 2.4740



47.1400, 38.3850, 55.1282



95.4050, 77.2013, 111.9008



# Inverse Universe

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



48.3720, -10.5364, 66.3258



50.3050, -15.4334, 97.0795



83.1300, -14.3611, -60.6270



56.9080, -0.4476, 3.5887



39.0850, -11.8739, 75.3475

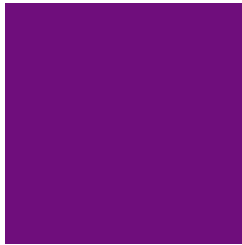


78.7680, -24.0426, 151.9245



# Previews

## White Background



This preview shows how the YUV color 55.5430, 33.7493, 48.6358 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 ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 55.5430, 33.7493, 48.6358

## Background



This preview shows how black text looks on a background with the YUV color 55.5430, 33.7493, 48.6358.



This preview shows how white text looks on a background with the YUV color 55.5430, 33.7493,



# 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

55.5430, 33.7493, 48.6358

### Protanopia

52.9580, 40.4467, -46.4442

### Deuteranopia

59.2450, 28.4732, -32.6639



## Tritanopia

65.8900, -6.3548, 31.6685

# Trichromacy



## Original Color

55.5430, 33.7493, 48.6358

## Protanomaly

53.8960, 38.0123, -12.1868

## Deuteranomaly

58.0020, 30.5650, -3.5098

## Tritanomaly

62.1200, 8.3218, 37.6058

# Monochromacy



## Original Color

55.5430, 33.7493, 48.6358

## Achromatopsia

56.0000, 0.0000, 0.0000

## Achromatomaly

56.0250, 12.3127, 17.5181

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 55.5430, 33.7493, 48.6358 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(111, 14, 124)` looks like.

```
.text, #text, p{  
    color:rgb(111, 14, 124)  
}
```

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(111, 14, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 14, 124) }
```

## Border

The CSS property to change the border of an element to YUV 55.5430, 33.7493, 48.6358 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(111, 14, 124) }
```



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

```
.border{ border-color:rgb(111, 14, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 14, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 14, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 14, 124); box-shadow:4px 4px 4px 4px rgb(111, 14, 124) }
```

# Background

The CSS property to change the background color of an element to YUV 55.5430, 33.7493, 48.6358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 14, 124) }
```

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

```
.background{ background-color: rgb(111, 14,  
124) }
```

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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