

# Converting Colors

YUV(62.9580, 27.6287, 51.7798)

Have a look what the booklet for  
YUV(62.9580, 27.6287, 51.7798)  
contains.

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# Color

**YUV(62.9580, 27.6287,  
51.7798)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A1677
RGB	122, 22, 119
RGB Percent	48%, 9%, 47%
CMY	0.5216, 0.9137, 0.5333
CMYK	0.00, 0.82, 0.02, 0.52
HSL	302°, 69%, 28%
HSV	302°, 82%, 48%
XYZ	11.6427, 6.0433, 18.0056
YIQ	62.9580, 28.4630, 51.3670

# Conversions

## Conversions Part 2

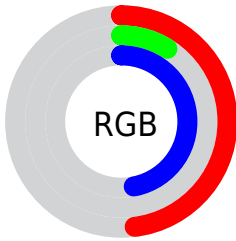
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 22, 119
Decimal	8001143
CIE <sub>Lab</sub>	29.52, 52.11, -31.29
CIE <sub>LCh</sub>	30, 60.779, 329.013
Yxy	6.0433, 0.3262, 0.1693
Android (android.graphics.Color)	4286191223 (0xFF7A1677)
YUV	62.9580, 27.6287, 51.7798
Hunter-Lab	24.5831, 41.5182, -26.2180

# Details

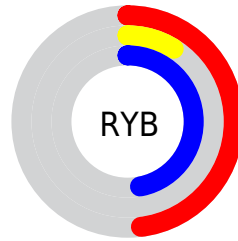
The YUV color **62.9580, 27.6287, 51.7798** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **81.0420, -27.6287, -51.7798**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.9040, 26.1763, 50.9502**, and **28.6110, 20.4048, 35.4212** is the 20% darker color. If you saturate the color by 10%, you get **55.9140, 31.1014, 57.9574**, and if you desaturate by 10%, it is **70.0020, 24.1560, 45.6022**.

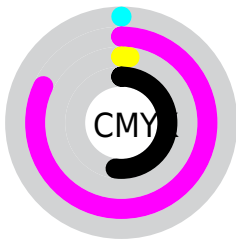
# Distribution



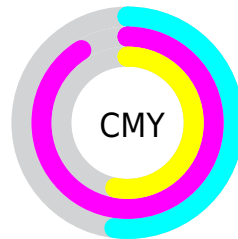
- Red (48%)
- Green (9%)
- Blue (47%)



- Red (48%)
- Yellow (9%)
- Blue (47%)



- Cyan (0%)
- Magenta (82%)
- Yellow (2%)
- Black (52%)



- Cyan (52%)
- Magenta (91%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 62.9580, 27.6287, 51.7798 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 62.9580, 27.6287, 51.7798 by changing the saturation by 10% instead.



62.9580, 27.6287,  
51.7798

62.9580, 27.6287,  
51.7798

255.0000, 0.0000,  
0.0000

39.1210, 27.0553,  
49.0059

118.9040, 26.1763,  
50.9502

28.6110, 20.4048,  
35.4212

146.5020, 25.8815,  
52.1797

19.4110, 13.6014,  
24.1956

174.2140, 26.0235,  
53.3093

3.7470, 10.4777,  
-0.6551

199.8220, 27.2028,  
48.3911

0.0000, 0.0000,  
0.0000

216.2580, 19.0998,  
33.9767

232.6940, 10.9969,

19.5624

249.7170, 2.6045,  
4.6332

62.9580, 27.6287,  
51.7798

62.9580, 27.6287,  
51.7798

55.9140, 31.1014,  
57.9574

70.0020, 24.1560,  
45.6022

49.9300, 33.5585,  
63.2054

77.1600, 21.1201,  
39.3247

84.7910, 17.3580,  
32.6323

91.8350, 13.8853,  
26.4547

98.9930, 10.8495,  
20.1771

■ 106.0370, 7.3768,  
13.9996

■ 113.1950, 4.3409,  
7.7220

■ 120.8260, 0.5788,  
1.0296

■ 127.8700, -2.8939,  
-5.1480

# Harmonies

## Analogous

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



66.7480, 42.5222, -12.0570



62.9580, 27.6287, 51.7798



52.2750, 10.2174, 83.0738

# Triad

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



62.9580, 27.6287, 51.7798



65.3420, -32.2136, 18.9941



65.3530, 24.4760, -57.3146

# Complementary

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



62.9580, 27.6287, 51.7798



81.0420, -27.6287, -51.7798

# 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.



59.2940, 3.7991, -52.0008



62.9580, 27.6287, 51.7798



58.9200, -29.0476, -16.5928

# Square

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



62.9580, 27.6287, 51.7798



63.1920, -31.1537, 52.4516



51.3770, -18.9199, -45.0576



67.6960, 41.0689, -59.3694



# Rectangle

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



62.9580, 27.6287, 51.7798



49.1540, -3.0339, 86.6879



51.3770, -18.9199, -45.0576



63.5290, 17.4872, -55.7149

# Sweetspot

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



62.9580, 27.6287, 51.7798



134.9930, 10.8495, 20.1771



33.9980, 43.3850, -8.7682



64.7980, 6.5086, 12.4552



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



62.9580, 27.6287, 51.7798



66.4450, 42.6716, 80.2937



57.3720, 6.2256, 56.6788



57.4780, 1.7363, 3.0888



51.1690, 34.4267, 64.7498



103.2780, 69.8689, 130.4292



# Inverse Universe

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



62.9580, 27.6287, 51.7798



66.4450, 42.6716, 80.2937



86.6280, -6.2256, -56.6788



57.4780, 1.7363, 3.0888



51.1690, 34.4267, 64.7498



103.2780, 69.8689, 130.4292



# Previews

## White Background



This preview shows how the YUV color 62.9580, 27.6287, 51.7798 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



This preview shows how the YUV color 62.9580, 27.6287, 51.7798 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

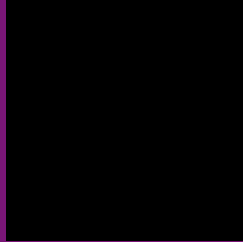
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 62.9580, 27.6287, 51.7798

## Background



This preview shows how black text looks on a background with the YUV color 62.9580, 27.6287, 51.7798.



This preview shows how white text looks on a background with the YUV color 62.9580, 27.6287,



# 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

62.9580, 27.6287, 51.7798

### Protanopia

57.1470, 43.8045, -50.1179

### Deuteranopia

69.0960, 21.1517, -17.6242



## Tritanopia

69.7770, -8.2711, 39.6606

# Trichromacy



## Original Color

62.9580, 27.6287, 51.7798



## Protanomaly

59.1840, 37.8703, -13.3164



## Deuteranomaly

66.9450, 23.6911, 7.9412



## Tritanomaly

67.5400, 4.6638, 44.2534

# Monochromacy



## Original Color

62.9580, 27.6287, 51.7798



## Achromatopsia

63.0000, 0.0000, 0.0000



## Achromatomaly

62.7540, 9.9813, 18.6327

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 62.9580, 27.6287, 51.7798 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(122, 22, 119)` looks like.

```
.text, #text, p{  
    color:rgb(122, 22, 119)  
}
```

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(122, 22, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 22, 119) }
```

## Border

The CSS property to change the border of an element to YUV 62.9580, 27.6287, 51.7798 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(122, 22, 119) }
```



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

```
.border{ border-color:rgb(122, 22, 119) }
```

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

Here you see how a box with a 4 pixel rgb(122, 22, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 22, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 22, 119);  
box-shadow:4px 4px 4px 4px rgb(122, 22,  
119) }
```

# Background

The CSS property to change the background color of an element to YUV 62.9580, 27.6287, 51.7798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 22, 119) }
```

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

```
.background{ background-color: rgb(122, 22,  
119) }
```

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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