

# Converting Colors

YUV(117.7710, 0.6059, -7.6922)

Have a look what the booklet for  
YUV(117.7710, 0.6059, -7.6922)  
contains.

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# Color

**YUV(117.7710, 0.6059,  
-7.6922)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D7A77
RGB	109, 122, 119
RGB Percent	43%, 48%, 47%
CMY	0.5725, 0.5216, 0.5333
CMYK	0.11, 0.00, 0.02, 0.52
HSL	166°, 6%, 45%
HSV	166°, 11%, 48%
XYZ	16.5960, 18.5022, 20.1493
YIQ	117.7710, -6.7850, -3.6890

# Conversions

## Conversions Part 2

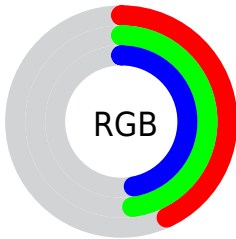
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	109, 116, 122
Decimal	7174775
CIE Lab	50.10, -5.45, -0.01
CIE LCh	50, 5.449, 180.071
Yxy	18.5022, 0.3004, 0.3349
Android (android.graphics.Color)	4285364855 (0xFF6D7A77)
YUV	117.7710, 0.6059, -7.6922
Hunter-Lab	43.0142, -6.4049, 2.3364

# Details

The YUV color **117.7710, 0.6059, -7.6922** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **113.2290, -0.6059, 7.6922**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7710, 0.6059, -7.6922**, and **69.1840, 0.8953, -7.1774** is the 20% darker color. If you saturate the color by 10%, you get **113.8410, 1.0644, -14.7696**, and if you desaturate by 10%, it is **121.7010, 0.1474, -0.6148**.

# Distribution



Red (43%)

Green (48%)

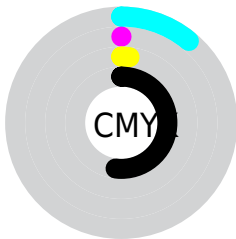
Blue (47%)



Red (43%)

Yellow (45%)

Blue (48%)

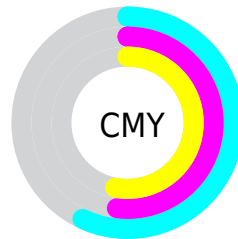


Cyan (11%)

Magenta (0%)

Yellow (2%)

Black (52%)



Cyan (57%)

Magenta (52%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 117.7710, 0.6059, -7.6922 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 117.7710, 0.6059, -7.6922 by changing the saturation by 10% instead.



■ 117.7710, 0.6059,  
-7.6922

■ 117.7710, 0.6059,  
-7.6922

■ 255.0000, 0.0000,  
0.0000

■ 93.0700, 0.4585,  
-7.0774

■ 169.7710, 0.6059,  
-7.6922

■ 69.1840, 0.8953,  
-7.1774

■ 197.3580, 0.3165,  
-8.2070

■ 47.0700, 0.4585,  
-7.0774

■ 225.0590, 0.4639,  
-8.8217

■ 26.4830, 0.7479,  
-6.5626

■ 251.7110, 1.6215,  
-6.7625

■ 0.5870, -0.2894,  
-0.5148

■ 0.0000, 0.0000,  
0.0000

■ 117.7710, 0.6059,  
-7.6922

■ 117.7710, 0.6059,  
-7.6922

■ 113.8410, 1.0644,  
-14.7696

■ 121.7010, 0.1474,  
-0.6148

■ 109.9110, 1.5229,  
-21.8469

■ 125.6310, -0.3111,  
6.4626

■ 105.7960, 2.5656,  
-29.6391

■ 129.7460, -1.3538,  
14.2548

■ 101.8660, 3.0241,  
-36.7165

■ 133.6760, -1.8123,  
21.3321

■ 97.9360, 3.4826,  
-43.7939

■ 137.6060, -2.2708,  
28.4095

■ 94.0060, 3.9410,  
-50.8713

■ 141.5360, -2.7292,  
35.4869

■ 90.0760, 4.3995,  
-57.9487

■ 145.4660, -3.1877,  
42.5643

■ 85.8470, 5.0054,

■ 149.6950, -3.7936,

-65.6408

50.2565

■ 82.3300, 5.7533,  
-72.2034

■ 153.5110, -4.6889,  
57.4339

# Harmonies

## Analogous

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



117.8100, -1.8783, -4.2184



117.7710, 0.6059, -7.6922



118.0420, 2.9373, -8.8068

# Triad

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



117.7710, 0.6059, -7.6922



119.6240, 3.6364, 0.3298



119.3060, -4.0949, 6.7476

# Complementary

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



117.7710, 0.6059, -7.6922



113.2290, -0.6059, 7.6922

# 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.



119.7730, -2.3531, 8.0921



117.7710, 0.6059, -7.6922



120.1900, 1.8783, 4.2184

# Square

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



117.7710, 0.6059, -7.6922



119.4170, 4.2314, -3.8737



120.2290, -0.6059, 7.6922



119.1700, -4.5208, 3.3589



# Rectangle

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



117.7710, 0.6059, -7.6922



117.9820, 3.9529, -7.8772



120.2290, -0.6059, 7.6922



119.7190, -3.8055, 7.2624

# Sweetspot

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



117.7710, 0.6059, -7.6922



156.3910, 0.3002, -2.9739



117.5280, -4.2043, -4.8481



77.9890, 0.0054, -1.7444



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.



117.7710, 0.6059, -7.6922



151.4500, 0.7642, -11.7956



116.3520, 2.7845, -6.4477



59.0920, 0.4476, -3.5887



84.3190, 5.7587, -73.9478



170.0400, 11.8123, -149.1251



# Inverse Universe

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



113.2290, -0.6059, 7.6922



144.4360, -1.2009, 11.8956



114.6480, -2.7845, 6.4477



56.9080, -0.4476, 3.5887



40.6810, -5.7587, 73.9478



81.9600, -11.8123, 149.1251



# Previews

## White Background



This preview shows how the YUV color 117.7710, 0.6059, -7.6922 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 117.7710, 0.6059, -7.6922 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

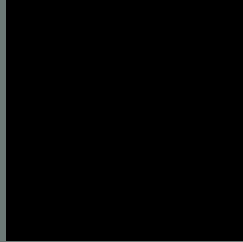
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

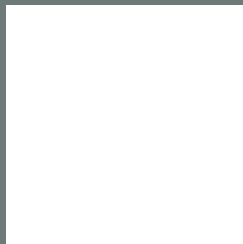
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 117.7710, 0.6059, -7.6922

## Background



This preview shows how black text looks on a background with the YUV color 117.7710, 0.6059, -7.6922.



This preview shows how white text looks on a background with the YUV color 117.7710, 0.6059,

-7.6922.

# 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

117.7710, 0.6059, -7.6922

### Protanopia

119.0820, -1.0264, 2.5591

### Deuteranopia

120.0550, -0.0271, 8.7218



## Tritanopia

118.4490, 5.6946, -6.5328

# Trichromacy



## Original Color

117.7710, 0.6059, -7.6922

## Protanomaly

118.2880, -0.1420, -1.1296

## Deuteranomaly

119.4240, 0.2840, 2.2592

## Tritanomaly

118.2810, 3.8055, -7.2624

# Monochromacy



## Original Color

117.7710, 0.6059, -7.6922

## Achromatopsia

118.0000, 0.0000, 0.0000

## Achromatomaly

117.6900, 0.1528, -2.3591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 117.7710, 0.6059, -7.6922 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(109, 122, 119)` looks like.

```
.text, #text, p{  
    color:rgb(109, 122, 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(109, 122, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 122, 119) }
```

## Border

The CSS property to change the border of an element to YUV 117.7710, 0.6059, -7.6922 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(109, 122, 119) }
```



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

```
.border{ border-color:rgb(109, 122, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 122, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 122, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 122, 119);  
box-shadow:4px 4px 4px 4px rgb(109, 122,  
119) }
```

# Background

The CSS property to change the background color of an element to YUV 117.7710, 0.6059, -7.6922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 122, 119) }
```

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

```
.background{ background-color: rgb(109,  
122, 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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