

# Converting Colors

YUV(119.6310, -0.3111, 6.4626)

Have a look what the booklet for  
YUV(119.6310, -0.3111, 6.4626)  
contains.

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# Color

**YUV(119.6310, -0.3111,  
6.4626)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F7477
RGB	127, 116, 119
RGB Percent	50%, 45%, 47%
CMY	0.5020, 0.5451, 0.5333
CMYK	0.00, 0.09, 0.06, 0.50
HSL	344°, 5%, 48%
HSV	344°, 9%, 50%
XYZ	18.3276, 18.3347, 20.0258
YIQ	119.6310, 5.5930, 3.2650

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 116, 119
Decimal	8352887
CIE <sub>Lab</sub>	49.90, 4.81, -0.12
CIE <sub>LCh</sub>	50, 4.815, 358.593
Yxy	18.3347, 0.3233, 0.3234
Android (android.graphics.Color)	4286542967 (0xFF7F7477)
YUV	119.6310, -0.3111, 6.4626
Hunter-Lab	42.8191, 1.4688, 2.2444

# Details

The YUV color **119.6310, -0.3111, 6.4626** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **123.3690, 0.3111, -6.4626**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9300, -0.4585, 7.0774**, and **71.3320, -0.1637, 5.8478** is the 20% darker color. If you saturate the color by 10%, you get **110.9740, -0.4802, 14.0548**, and if you desaturate by 10%, it is **128.2880, -0.1420, -1.1296**.

# Distribution



Red (50%)

Green (45%)

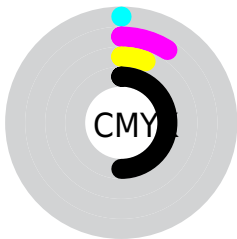
Blue (47%)



Red (50%)

Yellow (45%)

Blue (47%)



Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (50%)



Cyan (50%)

Magenta (55%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 119.6310, -0.3111, 6.4626 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 119.6310, -0.3111, 6.4626 by changing the saturation by 10% instead.



■ 119.6310, -0.3111,  
6.4626

■ 119.6310, -0.3111,  
6.4626

■ 255.0000, 0.0000,  
0.0000

■ 94.6310, -0.3111,  
6.4626

■ 171.9300, -0.4585,  
7.0774

■ 71.3320, -0.1637,  
5.8478

■ 198.9300, -0.4585,  
7.0774

■ 48.9190, -0.4531,  
5.3330

■ 227.2290, -0.6059,  
7.6922

■ 28.0330, -0.0163,  
5.2331

■ 253.2390, 0.8682,  
1.5444

■ 3.2890, -1.6215,  
6.7625

■ 0.0000, 0.0000,  
0.0000

■ 119.6310, -0.3111,  
6.4626

■ 119.6310, -0.3111,  
6.4626

■ 110.9740, -0.4802,  
14.0548

■ 128.2880, -0.1420,  
-1.1296

■ 102.9040, -0.9387,  
21.1322

■ 136.3580, 0.3165,  
-8.2070

■ 94.1330, -1.5446,  
28.8244

■ 145.1290, 0.9224,  
-15.8991

■ 85.4760, -1.7137,  
36.4165

■ 153.7860, 1.0915,  
-23.4913

■ 76.8190, -1.8828,  
44.0087

■ 161.8560, 1.5500,  
-30.5687

■ 68.7490, -2.3413,  
51.0861

■ 170.5130, 1.7191,  
-38.1609

■ 59.9780, -2.9472,  
58.7783


■ 179.2840, 2.3250,  
-45.8531


■ 51.3210, -3.1163,

■ 187.9410, 2.4941,

66.3705

-53.4453

 43.2510, -3.5747,  
73.4479

 196.0110, 2.9526,  
-60.5226

# Harmonies

## Analogous

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



119.7770, 1.5889, 3.7036



119.6310, -0.3111, 6.4626



119.4740, -2.2057, 7.4773

# Triad

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



119.6310, -0.3111, 6.4626



118.3760, -3.6364, -0.3298



117.5800, 3.6581, -6.6477

# Complementary

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



119.6310, -0.3111, 6.4626



123.3690, 0.3111, -6.4626

# 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.



117.5260, 2.2057, -7.4773



119.6310, -0.3111, 6.4626



117.8100, -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.



119.6310, -0.3111, 6.4626



118.3980, -3.6472, 3.1590



117.3690, 0.3111, -6.4626



118.4170, 4.2314, -3.8737



# Rectangle

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



119.6310, -0.3111, 6.4626



119.5340, -3.2213, 6.5477



117.3690, 0.3111, -6.4626



118.1670, 3.3687, -7.1625

# Sweetspot

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



119.6310, -0.3111, 6.4626



162.6090, -0.3002, 2.9739



119.6460, 3.6255, 3.8185



82.0110, -0.0054, 1.7444



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



119.6310, -0.3111, 6.4626



154.6530, -0.3219, 9.9513



120.4630, -2.2003, 5.7329



59.3210, -0.1583, 4.1035



42.2620, -3.5802, 75.1922



0.0000, 0.0000, 0.0000



# Inverse Universe

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



119.6310, -0.3111, 6.4626



154.6530, -0.3219, 9.9513



122.5370, 2.2003, -5.7329



59.3210, -0.1583, 4.1035



42.2620, -3.5802, 75.1922



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 119.6310, -0.3111, 6.4626 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

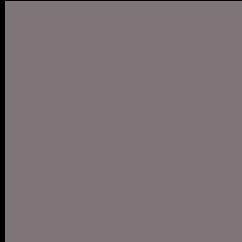
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 119.6310, -0.3111, 6.4626 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 119.6310, -0.3111, 6.4626**

## **Background**



This preview shows how black text looks on a background with the YUV color 119.6310, -0.3111, 6.4626.



This preview shows how white text looks on a background with the YUV color 119.6310, -0.3111,

6.4626.

# 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

119.6310, -0.3111, 6.4626

### Protanopia

118.8260, 0.5788, 1.0296

### Deuteranopia

119.9410, -0.4639, 8.8217



## Tritanopia

119.9130, 2.0149, 7.0923

# Trichromacy



## Original Color

119.6310, -0.3111, 6.4626

## Protanomaly

119.1360, 0.4260, 3.3887

## Deuteranomaly

119.6420, -0.3165, 8.2070

## Tritanomaly

119.6850, 1.1413, 7.2923

# Monochromacy



## Original Color

119.6310, -0.3111, 6.4626

## Achromatopsia

120.0000, 0.0000, 0.0000

## Achromatomaly

120.3100, -0.1528, 2.3591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.6310, -0.3111, 6.4626 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(127, 116, 119)` looks like.

```
.text, #text, p{  
    color:rgb(127, 116, 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(127, 116, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 116, 119) }
```

## Border

The CSS property to change the border of an element to YUV 119.6310, -0.3111, 6.4626 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(127, 116, 119) }
```



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

```
.border{ border-color:rgb(127, 116, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 116, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 116, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 116, 119);  
box-shadow:4px 4px 4px 4px rgb(127, 116,  
119) }
```

# Background

The CSS property to change the background color of an element to YUV 119.6310, -0.3111, 6.4626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 116, 119) }
```

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

```
.background{ background-color: rgb(127,  
116, 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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