

# Converting Colors

YUV(119.2120, 1.8675, 7.7071)

Have a look what the booklet for  
YUV(119.2120, 1.8675, 7.7071)  
contains.

<b>YUV(119.2120, 1.8675, 7.7071)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(119.2120, 1.8675,  
7.7071)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80727B
RGB	128, 114, 123
RGB Percent	50%, 45%, 48%
CMY	0.4980, 0.5529, 0.5176
CMYK	0.00, 0.11, 0.04, 0.50
HSL	321°, 6%, 47%
HSV	321°, 11%, 50%
XYZ	18.4946, 18.0539, 21.2489
YIQ	119.2120, 5.4550, 5.7670

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 114, 123
Decimal	8417915
CIE Lab	49.56, 7.15, -2.97
CIE LCh	50, 7.739, 337.421
Yxy	18.0539, 0.3200, 0.3124
Android (android.graphics.Color)	4286607995 (0xFF80727B)
YUV	119.2120, 1.8675, 7.7071
Hunter-Lab	42.4899, 3.3384, 0.0924

# Details

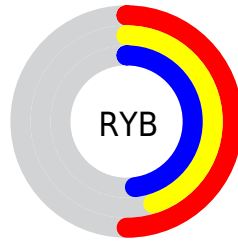
The YUV color **119.2120, 1.8675, 7.7071** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **122.7880, -1.8675, -7.7071**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5110, 1.7201, 8.3219**, and **70.7990, 1.5781, 7.1923** is the 20% darker color. If you saturate the color by 10%, you get **111.0110, 3.4456, 14.8994**, and if you desaturate by 10%, it is **127.4130, 0.2894, 0.5148**.

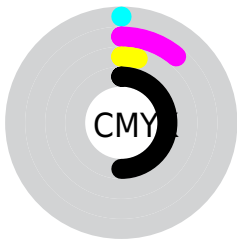
# Distribution



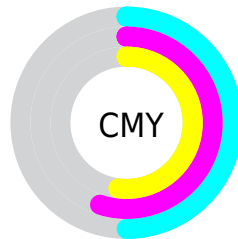
- Red (50%)
- Green (45%)
- Blue (48%)



- Red (50%)
- Yellow (45%)
- Blue (48%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (50%)



- Cyan (50%)
- Magenta (55%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 119.2120, 1.8675, 7.7071 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 119.2120, 1.8675, 7.7071 by changing the saturation by 10% instead.



■ 119.2120, 1.8675,  
7.7071

■ 119.2120, 1.8675,  
7.7071

■ 255.0000, 0.0000,  
0.0000

■ 94.2120, 1.8675,  
7.7071

■ 171.5110, 1.7201,  
8.3219

■ 70.7990, 1.5781,  
7.1923

■ 198.6250, 2.1569,  
8.2219

■ 48.5000, 1.7255,  
6.5775

■ 226.9240, 2.0095,  
8.8367

■ 27.2010, 1.8729,  
5.9627

■ 251.4780, 1.7363,  
3.0888

■ 3.9730, 0.9993,  
6.1627

■ 0.0000, 0.0000,  
0.0000

■ 119.2120, 1.8675,  
7.7071

■ 119.2120, 1.8675,  
7.7071

■ 111.0110, 3.4456,  
14.8994

■ 127.4130, 0.2894,  
0.5148

■ 102.9240, 5.4605,  
21.9917

■ 135.5000, -1.7255,  
-6.5775

■ 95.3100, 6.7492,  
28.6691

■ 143.1140, -3.0142,  
-13.2550

■ 87.2230, 8.7641,  
35.7614

■ 151.2010, -5.0291,  
-20.3473

■ 79.0220, 10.3422,  
42.9537

■ 159.4020, -6.6072,  
-27.5396

■ 70.9350, 12.3570,  
50.0460

■ 167.4890, -8.6221,  
-34.6319

■ 62.7340, 13.9351,  
57.2383

■ 175.6900,  
-10.2002, -41.8241

■ 55.1200, 15.2238,

■ 183.3040,

63.9158

-11.4889, -48.5016

■ 47.6200, 16.9493,  
70.4933

■ 191.3910,  
-13.5038, -55.5939

# Harmonies

## Analogous

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



118.8630, 4.5045, 1.8741



119.2120, 1.8675, 7.7071



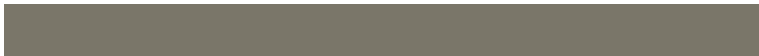
119.0230, -1.4903, 11.3808

# Triad

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



119.2120, 1.8675, 7.7071



117.7140, -6.2680, 3.7588



115.8890, 4.9847, -12.1807

# Complementary

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



119.2120, 1.8675, 7.7071



122.7880, -1.8675, -7.7071

# 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.



115.6780, 1.6377, -11.9956



119.2120, 1.8675, 7.7071



116.7240, -4.7939, -2.3889

# Square

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



119.2120, 1.8675, 7.7071



118.4480, -6.1369, 8.3771



115.9020, -1.4307, -7.8071



116.9540, 6.4317, -9.6067



# Rectangle

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



119.2120, 1.8675, 7.7071



119.1540, -3.5269, 11.2659



115.9020, -1.4307, -7.8071



115.9490, 3.9691, -13.1103

# Sweetspot

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



119.2120, 1.8675, 7.7071



162.8370, 0.5734, 2.7740



117.0910, 5.3781, 1.6742



82.1250, 0.4314, 1.6444



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.



119.2120, 1.8675, 7.7071



152.1740, 2.8722, 12.1254



118.4140, -1.1901, 8.4069



59.5490, 0.7153, 3.9035



47.6200, 16.9493, 70.4933



0.0000, 0.0000, 0.0000



# Inverse Universe

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



119.2120, 1.8675, 7.7071



152.1740, 2.8722, 12.1254



123.5860, 1.1901, -8.4069



59.5490, 0.7153, 3.9035



47.6200, 16.9493, 70.4933



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 119.2120, 1.8675, 7.7071 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 119.2120, 1.8675, 7.7071 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 119.2120, 1.8675, 7.7071

## Background



This preview shows how black text looks on a background with the YUV color 119.2120, 1.8675, 7.7071.



This preview shows how white text looks on a background with the YUV color 119.2120, 1.8675,



# 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

119.2120, 1.8675, 7.7071

### Protanopia

118.2110, 3.3470, -0.1850

### Deuteranopia

118.9130, 2.0149, 7.0923



## Tritanopia

119.2120, 1.8675, 7.7071

# Trichromacy



## Original Color

119.2120, 1.8675, 7.7071

## Protanomaly

118.7060, 2.6099, 2.8888

## Deuteranomaly

118.9130, 2.0149, 7.0923

## Tritanomaly

119.2120, 1.8675, 7.7071

# Monochromacy



## Original Color

119.2120, 1.8675, 7.7071

## Achromatopsia

119.0000, 0.0000, 0.0000

## Achromatomaly

118.8370, 0.5734, 2.7740

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.2120, 1.8675, 7.7071 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(128, 114, 123)` looks like.

```
.text, #text, p{  
    color:rgb(128, 114, 123)  
}
```

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(128, 114, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 114, 123) }
```

## Border

The CSS property to change the border of an element to YUV 119.2120, 1.8675, 7.7071 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(128, 114, 123) }
```



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

```
.border{ border-color:rgb(128, 114, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 114, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 114, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 114, 123);  
box-shadow:4px 4px 4px 4px rgb(128, 114,  
123) }
```

# Background

The CSS property to change the background color of an element to YUV 119.2120, 1.8675, 7.7071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 114, 123) }
```

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

```
.background{ background-color: rgb(128,  
114, 123) }
```

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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