

# Converting Colors

YUV(119.0750, 6.3720, 9.5812)

Have a look what the booklet for  
YUV(119.0750, 6.3720, 9.5812)  
contains.

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# Color

**YUV(119.0750, 6.3720,  
9.5812)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	826F84
RGB	130, 111, 132
RGB Percent	51%, 44%, 52%
CMY	0.4902, 0.5647, 0.4824
CMYK	0.02, 0.16, 0.00, 0.48
HSL	294°, 9%, 48%
HSV	294°, 16%, 52%
XYZ	19.0552, 17.7806, 24.2575
YIQ	119.0750, 4.5830, 10.5590

# Conversions

## Conversions Part 2

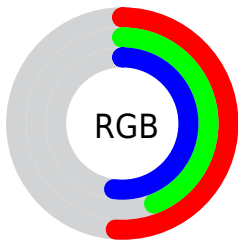
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 111, 132
Decimal	8548228
CIE Lab	49.23, 11.48, -8.78
CIE LCh	49, 14.450, 322.585
Yxy	17.7806, 0.3119, 0.2910
Android (android.graphics.Color)	4286738308 (0xFF826F84)
YUV	119.0750, 6.3720, 9.5812
Hunter-Lab	42.1671, 6.8713, -4.5908

# Details

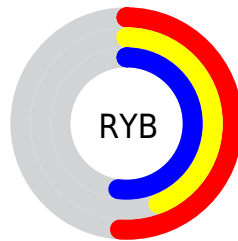
The YUV color **119.0750, 6.3720, 9.5812** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **123.9250, -6.3720, -9.5812**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.4880, 6.6614, 10.0960**, and **70.6620, 6.0826, 9.0664** is the 20% darker color. If you saturate the color by 10%, you get **111.1450, 10.2815, 15.6588**, and if you desaturate by 10%, it is **127.0050, 2.4625, 3.5036**.

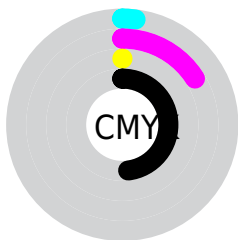
# Distribution



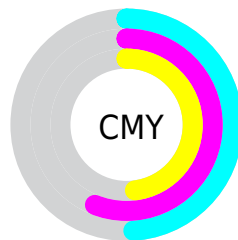
- Red (51%)
- Green (44%)
- Blue (52%)



- Red (51%)
- Yellow (44%)
- Blue (52%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (56%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 119.0750, 6.3720, 9.5812 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 119.0750, 6.3720, 9.5812 by changing the saturation by 10% instead.



■ 119.0750, 6.3720,  
9.5812

■ 119.0750, 6.3720,  
9.5812

■ 255.0000, 0.0000,  
0.0000

■ 94.6620, 6.0826,  
9.0664

■ 171.4880, 6.6614,  
10.0960

■ 70.6620, 6.0826,  
9.0664

■ 198.9010, 6.9508,  
10.6108

■ 47.9500, 5.9406,  
7.9368

■ 226.9010, 6.9508,  
10.6108

■ 27.4230, 5.2145,  
7.5220

■ 249.7170, 2.6045,  
4.6332

■ 5.8250, 5.5093,  
6.2925

■ 0.0000, 0.0000,  
0.0000

■ 119.0750, 6.3720,  
9.5812

■ 119.0750, 6.3720,  
9.5812

■ 111.1450, 10.2815,  
15.6588

■ 127.0050, 2.4625,  
3.5036

■ 102.9160, 14.3384,  
21.1217

■ 135.2340, -1.5944,  
-1.9592

■ 94.3990, 18.5373,  
27.7141

■ 143.7510, -5.7932,  
-8.5516

■ 86.4690, 22.4468,  
33.7917

■ 151.6810, -9.7027,  
-14.6292

■ 78.5390, 26.3563,  
39.8693

■ 159.6110,  
-13.6122, -20.7068

■ 70.3100, 30.4132,  
45.3321

■ 167.8400,  
-17.6691, -26.1697

■ 62.3800, 34.3227,  
51.4097

■ 175.7700,  
-21.5786, -32.2473

■ 53.8630, 38.5215,

■ 184.2870,

58.0021

-25.7775, -38.8397

■ 50.6290, 40.1159,  
59.9614

■ 192.2170,  
-29.6870, -44.9173

# Harmonies

## Analogous

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



117.7360, 10.4832, -2.3995



119.0750, 6.3720, 9.5812



119.6370, 0.6720, 17.8584

# Triad

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



119.0750, 6.3720, 9.5812



116.6780, -11.6733, 10.8064



112.2680, 6.7699, -24.7910

# Complementary

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



119.0750, 6.3720, 9.5812



123.9250, -6.3720, -9.5812

# 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.



112.5800, 0.2071, -19.8027



119.0750, 6.3720, 9.5812



115.5520, -10.6251, 1.2699

# Square

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



119.0750, 6.3720, 9.5812



117.8900, -9.8058, 18.5135



114.0390, -5.9352, -9.6812



113.1310, 11.2744, -22.9169



# Rectangle

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



119.0750, 6.3720, 9.5812



118.6220, -3.2646, 20.5025



114.0390, -5.9352, -9.6812



112.1110, 4.8753, -23.7763

# Sweetspot

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



119.0750, 6.3720, 9.5812



165.4180, 2.7519, 4.0184



114.5680, 8.5940, -3.1291



83.1790, 1.8838, 2.4740



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



119.0750, 6.3720, 9.5812



150.7320, 9.9921, 15.1440



118.7610, 2.5828, 11.6106



62.4780, 1.7363, 3.0888



50.1020, 39.3897, 59.5465



0.9400, 1.0156, 0.9296



# Inverse Universe

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



117.5070, -2.2220, 12.7104



148.2090, -3.5540, 19.9877



124.2390, -2.5828, -11.6106



61.7940, -0.8844, 3.6887



40.2380, -13.9213, 78.7213



0.8970, -0.4422, 1.8443



# Previews

## White Background



This preview shows how the YUV color 119.0750, 6.3720, 9.5812 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 119.0750, 6.3720, 9.5812 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

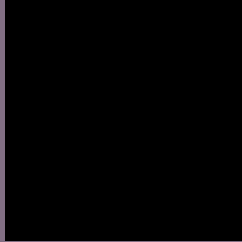
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 119.0750, 6.3720, 9.5812

## Background



This preview shows how black text looks on a background with the YUV color 119.0750, 6.3720, 9.5812.



This preview shows how white text looks on a background with the YUV color 119.0750, 6.3720,



# 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

119.0750, 6.3720, 9.5812

### Protanopia

117.5680, 8.5940, -3.1291

### Deuteranopia

118.3300, 6.2463, 3.2186



## Tritanopia

118.5110, 1.7201, 8.3219

# Trichromacy



## Original Color

119.0750, 6.3720, 9.5812

## Protanomaly

118.0740, 7.8515, 1.6891

## Deuteranomaly

118.6400, 6.0935, 5.5777

## Tritanomaly

118.6790, 3.6093, 9.0515

# Monochromacy



## Original Color

119.0750, 6.3720, 9.5812

## Achromatopsia

119.0000, 0.0000, 0.0000

## Achromatomaly

119.0050, 2.4625, 3.5036

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.0750, 6.3720, 9.5812 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(130, 111, 132)` looks like.

```
.text, #text, p{  
    color:rgb(130, 111, 132)  
}
```

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(130, 111, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 111, 132) }
```

## Border

The CSS property to change the border of an element to YUV 119.0750, 6.3720, 9.5812 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(130, 111, 132) }
```



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

```
.border{ border-color:rgb(130, 111, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 111, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 111, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 111, 132);  
box-shadow:4px 4px 4px 4px rgb(130, 111,  
132) }
```

# Background

The CSS property to change the background color of an element to YUV 119.0750, 6.3720, 9.5812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 111, 132) }
```

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

```
.background{ background-color: rgb(130,  
111, 132) }
```

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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