

# Converting Colors

YUV(119.4120, -54.9261,  
70.6757)

Have a look what the booklet for  
YUV(119.4120, -54.9261, 70.6757)  
contains.

<b>YUV(119.4120, -54.9261, 70.6757)</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(119.4120, -54.9261,  
70.6757)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C86408
RGB	200, 100, 8
RGB Percent	78%, 39%, 3%
CMY	0.2157, 0.6078, 0.9686
CMYK	0.00, 0.50, 0.96, 0.22
HSL	29°, 92%, 41%
HSV	29°, 96%, 78%
XYZ	28.4204, 21.4112, 2.8646
YIQ	119.4120, 89.1320, -7.4120

# Conversions

## Conversions Part 2

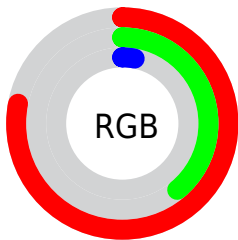
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">200, 185, 8</a>
Decimal	<a href="#">13132808</a>
CIELab	<a href="#">53.40, 35.23, 60.17</a>
CIElCh	<a href="#">53, 69.719, 59.652</a>
Yxy	<a href="#">21.4112, 0.5393, 0.4063</a>
Android (android.graphics.Color)	<a href="#">4291322888 (0xFFC86408)</a>
YUV	<a href="#">119.4120, -54.9261, 70.6757</a>
Hunter-Lab	<a href="#">46.2723, 28.6582, 28.7201</a>

# Details

The YUV color **119.4120, -54.9261, 70.6757** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **88.5880, 54.9261, -70.6757**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2210, -51.8740, 71.7202**, and **70.9110, -34.9591, 59.7141** is the 20% darker color. If you saturate the color by 10%, you get **116.1520, -57.2629, 73.5347**, and if you desaturate by 10%, it is **127.5620, -49.0841, 63.5281**.

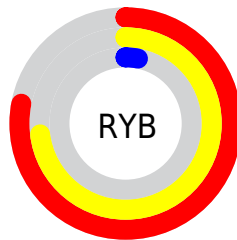
# Distribution



Red (78%)

Green (39%)

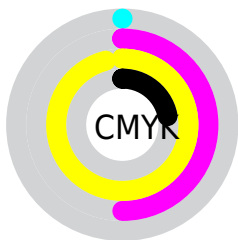
Blue (3%)



Red (78%)

Yellow (73%)

Blue (3%)

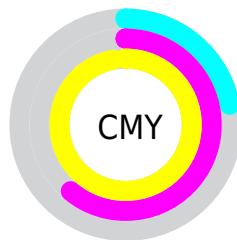


Cyan (0%)

Magenta (50%)

Yellow (96%)

Black (22%)



Cyan (22%)

Magenta (61%)


Yellow (97%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 119.4120, -54.9261, 70.6757 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 119.4120, -54.9261, 70.6757 by changing the saturation by 10% instead.





 119.4120,  
-54.9261, 70.6757


 119.4120,  
-54.9261, 70.6757


255.0000, 0.0000,  
0.0000


 94.5560, -46.6161,  
65.2874


 173.2210,  
-51.8740, 71.7202


 70.9110, -34.9591,  
59.7141


 192.0340,  
-48.3308, 55.2212

 47.2660, -23.3021,  
54.1407


 211.4340,  
-45.0770, 38.2074

 23.9200, -11.7926,  
49.1822

 231.5350,  
-41.6758, 20.5788

 15.8470, -7.8126,  
32.5832

 245.8800,  
-34.9438, 7.9982

 4.7840, -2.3585,  
9.8364

 249.0720,

 0.0000, 0.0000,

-22.7135, 5.1989

0.0000

■ 252.3780,  
-10.0464, 2.2995

■ 119.4120,  
-54.9261, 70.6757

■ 119.4120,  
-54.9261, 70.6757

■ 116.1520,  
-57.2629, 73.5347

■ 127.5620,  
-49.0841, 63.5281

■ 136.2990,  
-43.5314, 55.8658

■ 144.4490,  
-37.6894, 48.7182

■ 153.1860,  
-32.1367, 41.0559

■ 161.3360,  
-26.2946, 33.9083

■ 170.0730,  
-20.7420, 26.2460

■ 178.2230,  
-14.8999, 19.0984

■ 186.3730, -9.0579,  
11.9509

■ 195.1100, -3.5052,  
4.2885

# Harmonies

## Analogous

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



118.0570, -22.7061, 96.4200



119.4120, -54.9261, 70.6757



119.4210, -58.8746, 30.3258

# Triad

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



119.4120, -54.9261, 70.6757



104.6480, 10.0335, -91.7763



128.1860, 51.6733, -7.1791

# Complementary

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



119.4120, -54.9261, 70.6757



88.5880, 54.9261, -70.6757

# 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.



107.6310, 69.6949, -94.3924



119.4120, -54.9261, 70.6757



111.6020, 36.6782, -97.8750

# Square

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



119.4120, -54.9261, 70.6757



95.1180, -16.3272, -83.4185



113.7970, 57.7811, -99.8000



127.7080, 30.2170, 61.6461



# Rectangle

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



119.4120, -54.9261, 70.6757



114.8150, -56.6038, 1.9162



113.7970, 57.7811, -99.8000



120.4420, 59.9281, -41.6066

# Sweetspot

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



119.4120, -54.9261, 70.6757



223.6710, -21.0368, 27.4755



77.0360, 16.2513, 107.8394



108.7820, -12.7105, 16.8542



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



119.4120, -54.9261, 70.6757



147.8590, -72.8945, 93.9627



174.5900, -82.1289, 22.2846



95.0390, -2.4842, 3.4738



94.5230, -46.5998, 60.0543



20.7430, -10.2263, 13.3804

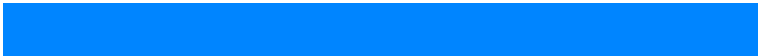


# Inverse Universe

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



88.5880, 54.9261, -70.6757



107.1410, 72.8945, -93.9627



33.4100, 82.1289, -22.2846



93.9610, 2.4842, -3.4738



68.4770, 46.5998, -60.0543



15.2570, 10.2263, -13.3804



# Previews

## White Background



This preview shows how the YUV color 119.4120, -54.9261, 70.6757 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 119.4120, -54.9261, 70.6757 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 119.4120, -54.9261, 70.6757

## Background



This preview shows how black text looks on a background with the YUV color 119.4120, -54.9261, 70.6757.



This preview shows how white text looks on a background with the YUV color 119.4120, -54.9261, 70.6757.



# 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

119.4120, -54.9261, 70.6757

### Protanopia

120.3580, -49.9695, 20.7340

### Deuteranopia

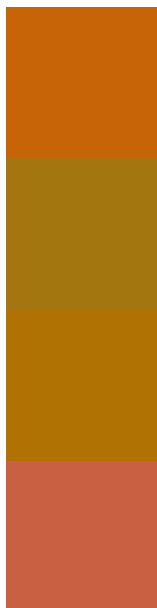
120.0520, -59.1856, 36.7884



## Tritanopia

126.5740, -13.5940, 67.0256

# Trichromacy



## Original Color

119.4120, -54.9261, 70.6757

## Protanomaly

120.0120, -51.7709, 38.5775

## Deuteranomaly

119.8840, -57.6238, 49.2137

## Tritanomaly

124.2740, -28.7291, 68.1657

# Monochromacy



## Original Color

119.4120, -54.9261, 70.6757

## Achromatopsia

119.0000, 0.0000, 0.0000

## Achromatomaly

119.0020, -19.7210, 25.4312

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.4120, -54.9261, 70.6757 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(200, 100, 8)` looks like.

```
.text, #text, p{  
    color:rgb(200, 100, 8)  
}
```

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(200, 100, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 100, 8) }
```

## Border

The CSS property to change the border of an element to YUV 119.4120, -54.9261, 70.6757 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(200, 100, 8) }
```



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

```
.border{ border-color:rgb(200, 100, 8) }
```

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

Here you see how a box with a 4 pixel rgb(200, 100, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 100, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 100, 8);  
box-shadow:4px 4px 4px 4px rgb(200, 100,  
8) }
```

# Background

The CSS property to change the background color of an element to YUV 119.4120, -54.9261, 70.6757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 100, 8) }
```

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

```
.background{ background-color: rgb(200,  
100, 8) }
```

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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