

Converting Colors

YUV(119.4210, -54.9306,
118.9028)

Have a look what the booklet for
YUV(119.4210, -54.9306, 118.9028)
contains.

YUV(119.4210, -54.9306, 118.9028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(119.4210, -54.9306,
118.9028)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4808
RGB	255, 72, 8
RGB Percent	100%, 28%, 3%
CMY	0.0000, 0.7176, 0.9686
CMYK	0.00, 0.72, 0.97, 0.00
HSL	16°, 100%, 52%
HSV	16°, 97%, 100%
XYZ	43.6012, 25.9123, 2.9333
YIQ	119.4210, 129.6120, 18.8920

Conversions

Conversions Part 2

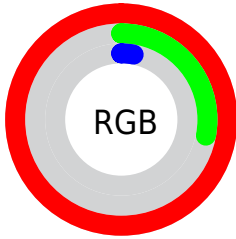
Format	Color
R_{YB}	255, 94, 8
Decimal	16730120
CIE _{Lab}	57.95, 66.85, 67.55
CIE _{LCh}	58, 95.038, 45.298
Yxy	25.9123, 0.6018, 0.3577
Android (android.graphics.Color)	4294920200 (0xFFFF4808)
YUV	119.4210, -54.9306, 118.9028
Hunter-Lab	50.9041, 63.8096, 32.2164

Details

The YUV color **119.4210, -54.9306, 118.9028** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **143.5790, 54.9306, -118.9028**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8940, -45.7967, 82.5310**, and **56.5110, -27.8599, 116.1929** is the 20% darker color. If you saturate the color by 10%, you get **114.9870, -56.6886, 122.7914**, and if you desaturate by 10%, it is **133.4240, -49.5090, 106.6222**.

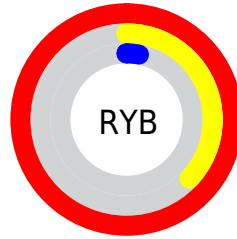
Distribution



Red (100%)

Green (28%)

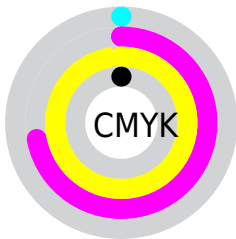
Blue (3%)



Red (100%)

Yellow (37%)

Blue (3%)

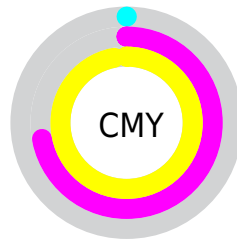


Cyan (0%)

Magenta (72%)

Yellow (97%)

Black (0%)



Cyan (0%)


Magenta (72%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.4210, -54.9306, 118.9028 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 119.4210, -54.9306, 118.9028 by changing the saturation by 10% instead.


 119.4210,
-54.9306, 118.9028


 119.4210,
-54.9306, 118.9028


255.0000, 0.0000,
0.0000

 88.0970, -43.4318,
117.4329


 160.8940,
-45.7967, 82.5310


 56.5110, -27.8599,
116.1929


 180.8810,
-42.8323, 65.0024


 46.6440, -22.9955,
95.9052


 200.8680,
-39.8679, 47.4738

 37.0760, -18.2785,
76.2323

 221.5560,
-36.7561, 29.3304

 27.6220, -13.1246,
56.4595

 242.3580,
-33.2075, 11.0870

 19.1790, -7.9762,
38.4310


 249.0720,


 8.4860, -3.6906,


-22.7135, 5.1989

17.1138


 252.2640,
-10.4832, 2.3995


 0.0000, 0.0000,
0.0000


 119.4210,
-54.9306, 118.9028


 119.4210,
-54.9306, 118.9028


 114.9870,
-56.6886, 122.7914

 133.4240,
-49.5090, 106.6222

 147.5410,
-43.6507, 94.2415

 161.6580,
-37.7924, 81.8609

 175.6610,
-32.3709, 69.5803

 189.1910,
-26.2232, 57.7145

■ 203.1940,
-20.8016, 45.4339

■ 217.3110,
-14.9433, 33.0533

■ 231.3140, -9.5218,
20.7726

■ 245.4310, -3.6635,
8.3920

Harmonies

Analogous

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



87.7590, 6.5278, 146.6704



119.4210, -54.9306, 118.9028



130.8380, -64.5031, 62.4091

Triad

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



119.4210, -54.9306, 118.9028



111.0930, -8.4268, -97.4286



108.9020, 72.0263, -95.5071

Complementary

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



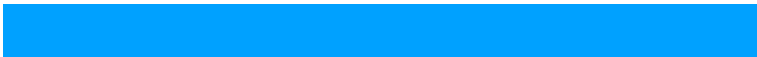
119.4210, -54.9306, 118.9028



143.5790, 54.9306, -118.9028

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.



123.5770, 64.7915, -108.3770



119.4210, -54.9306, 118.9028



122.1850, 28.9958, -107.1562

Square

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



119.4210, -54.9306, 118.9028



96.2680, -47.4601, -84.4270



130.0340, 61.6082, -114.0398



139.3080, 57.0362, 46.2109

Rectangle

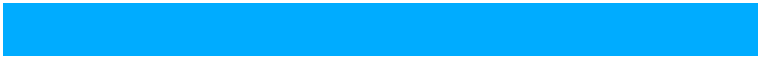
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



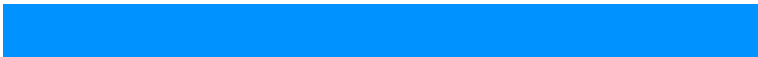
119.4210, -54.9306, 118.9028



129.4110, -63.7996, 23.3186



130.0340, 61.6082, -114.0398



114.7720, 69.1324, -100.6550

Sweetspot

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



119.4210, -54.9306, 118.9028



214.2790, -16.4065, 35.7123



102.9430, 44.3981, 133.3540



102.9120, -9.8166, 22.0022



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.



119.4210, -54.9306, 118.9028



114.9870, -56.6886, 122.7914



190.4480, -89.9469, 56.6121



120.6480, -2.7845, 6.4477



86.4590, -42.6243, 91.6825



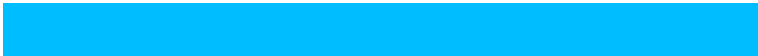
29.1150, -14.3537, 30.5941

Inverse Universe

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



143.5790, 54.9306, -118.9028



140.0130, 56.6886, -122.7914



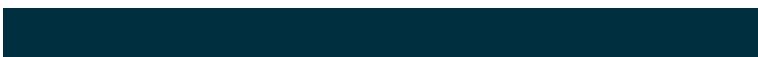
72.5520, 89.9469, -56.6121



121.7650, 3.0739, -5.9329



105.1280, 42.3349, -92.1973



34.8850, 14.3537, -30.5941

Previews

White Background



This preview shows how the YUV color 119.4210, -54.9306, 118.9028 looks on a white background.

Color Contrast Check

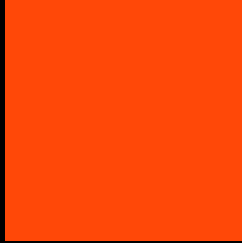
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.4210, -54.9306, 118.9028 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 119.4210, -54.9306, 118.9028 Background



This preview shows how black text looks on a background with the YUV color 119.4210, -54.9306, 118.9028.



This preview shows how white text looks on a background with the YUV color 119.4210, -54.9306, 118.9028.

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

119.4210, -54.9306, 118.9028

Protanopia

132.5430, -50.5537, 21.4488

Deuteranopia

130.6950, -64.4326, 39.7325



Tritanopia

124.8420, -26.5441, 114.1486

Trichromacy



Original Color

119.4210, -54.9306, 118.9028

Protanomaly

127.7200, -52.1200, 57.2506

Deuteranomaly

126.7940, -61.0304, 68.5867

Tritanomaly

122.8070, -36.8799, 115.9333

Monochromacy



Original Color

119.4210, -54.9306, 118.9028

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.1120, -19.7752, 42.8748

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4210, -54.9306, 118.9028 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(255, 72, 8)` looks like.

```
.text, #text, p{  
    color:rgb(255, 72, 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(255, 72, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 72, 8) }
```

Border

The CSS property to change the border of an element to YUV 119.4210, -54.9306, 118.9028 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(255, 72, 8) }
```


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

```
.border{ border-color:rgb(255, 72, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 72, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 72, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 72, 8);  
box-shadow:4px 4px 4px 4px rgb(255, 72, 8)  
}
```

Background

The CSS property to change the background color of an element to YUV 119.4210, -54.9306, 118.9028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 72, 8) }
```

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

```
.background{ background-color: rgb(255, 72,  
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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