

Converting Colors

YUV(130.1810, -54.3192,
109.4663)

Have a look what the booklet for
YUV(130.1810, -54.3192, 109.4663)
contains.

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Color

**YUV(130.1810, -54.3192,
109.4663)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5814
RGB	255, 88, 20
RGB Percent	100%, 35%, 8%
CMY	0.0000, 0.6549, 0.9216
CMYK	0.00, 0.65, 0.92, 0.00
HSL	17°, 100%, 54%
HSV	17°, 92%, 100%
XYZ	44.8560, 28.2900, 3.7582
YIQ	130.1810, 121.3600, 14.2560

Conversions

Conversions Part 2

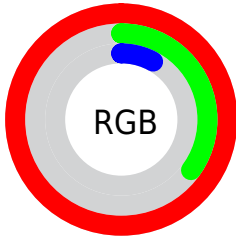
Format	Color
R_{YB}	255, 116, 20
Decimal	16734228
CIE _{Lab}	60.15, 61.05, 66.17
CIE _{LCh}	60, 90.034, 47.307
Yxy	28.2900, 0.5833, 0.3679
Android (android.graphics.Color)	4294924308 (0xFFFF5814)
YUV	130.1810, -54.3192, 109.4663
Hunter-Lab	53.1883, 57.4572, 33.0425

Details

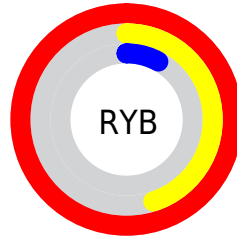
The YUV color **130.1810, -54.3192, 109.4663** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **144.8190, 54.3192, -109.4663**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0240, -46.3538, 74.5240**, and **68.8380, -33.9371, 105.3821** is the 20% darker color. If you saturate the color by 10%, you get **119.6830, -59.0037, 118.6730**, and if you desaturate by 10%, it is **143.7110, -48.1715, 97.6005**.

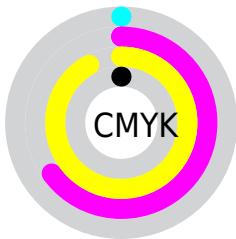
Distribution



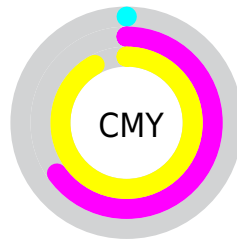
- Red (100%)
- Green (35%)
- Blue (8%)



- Red (100%)
- Yellow (45%)
- Blue (8%)



- Cyan (0%)
- Magenta (65%)
- Yellow (92%)
- Black (0%)



- Cyan (0%)
- Magenta (65%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.1810, -54.3192, 109.4663 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 130.1810, -54.3192, 109.4663 by changing the saturation by 10% instead.

130.1810,
-54.3192, 109.4663

130.1810,
-54.3192, 109.4663

255.0000, 0.0000,
0.0000

100.4240,
-49.5090, 106.6222

170.0240,
-46.3538, 74.5240

68.8380, -33.9371,
105.3821

189.4240,
-43.1000, 57.5102

46.9430, -23.1429,
96.5200

209.4110,
-40.1356, 39.9816

37.3750, -18.4259,
76.8471

229.5120,
-36.7344, 22.3530

28.1060, -13.8563,
57.7890

246.7920,
-31.4495, 7.1984

20.0760, -8.4185,
40.2753

249.9840,


9.6820, -4.2802,


-19.2191, 4.3990

19.5729


 253.2900, -6.5520,
1.4997


 0.0000, 0.0000,
0.0000


 130.1810,
-54.3192, 109.4663

 130.1810,
-54.3192, 109.4663

 119.6830,
-59.0037, 118.6730

 143.7110,
-48.1715, 97.6005

 157.1270,
-42.4606, 85.8346

 170.6570,
-36.3129, 73.9688

 184.0730,
-30.6020, 62.2030

 198.0760,
-25.1805, 49.9223

211.6060,
-19.0328, 38.0565

225.1360,
-12.8850, 26.1907

238.5520, -7.1741,
14.4249

252.0820, -1.0264,
2.5591

Harmonies

Analogous

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



106.1840, -1.5697, 130.5116



130.1810, -54.3192, 109.4663



136.4200, -67.2551, 58.3907

Triad

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



130.1810, -54.3192, 109.4663



115.5100, -4.1954, -101.3023



110.6630, 71.1581, -97.0515

Complementary

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



130.1810, -54.3192, 109.4663



144.8190, 54.3192, -109.4663

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.



125.9250, 63.6340, -110.4362



130.1810, -54.3192, 109.4663



126.7330, 31.1906, -111.1448

Square

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



130.1810, -54.3192, 109.4663



99.7900, -49.1965, -87.5158



132.3820, 60.4507, -116.0990



146.5920, 52.9521, 49.4698

Rectangle

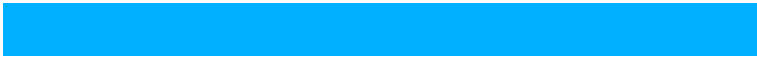
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



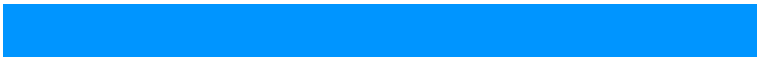
130.1810, -54.3192, 109.4663



134.1180, -66.1202, 20.9445



132.3820, 60.4507, -116.0990



116.5330, 68.2642, -102.1994

Sweetspot

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



130.1810, -54.3192, 109.4663



216.9690, -16.2537, 33.3532



109.4170, 38.7414, 127.6763



104.7870, -10.2480, 20.3578



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.



130.1810, -54.3192, 109.4663



119.6830, -59.0037, 118.6730



198.2730, -87.8886, 49.7496



120.6480, -2.7845, 6.4477



89.3940, -44.0712, 89.1085



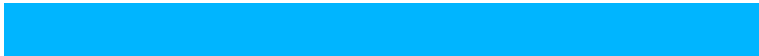
29.7020, -14.6431, 30.0793

Inverse Universe

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



144.8190, 54.3192, -109.4663



135.3170, 59.0037, -118.6730



76.7270, 87.8886, -49.7496



121.7650, 3.0739, -5.9329



101.6060, 44.0712, -89.1085



33.7110, 14.9325, -29.5645

Previews

White Background



This preview shows how the YUV color 130.1810, -54.3192, 109.4663 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 130.1810, -54.3192, 109.4663 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 130.1810, -54.3192, 109.4663 Background



This preview shows how black text looks on a background with the YUV color 130.1810, -54.3192, 109.4663.



This preview shows how white text looks on a background with the YUV color 130.1810, -54.3192, 109.4663.

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

130.1810, -54.3192, 109.4663

Protanopia

138.4290, -50.9905, 21.5488

Deuteranopia

135.7230, -66.9114, 41.4619



Tritanopia

135.5850, -23.4594, 104.7270

Trichromacy



Original Color

130.1810, -54.3192, 109.4663

Protanomaly

135.3990, -51.9617, 53.1471

Deuteranomaly

133.7290, -62.4774, 66.0127

Tritanomaly

133.3220, -34.6687, 106.7116

Monochromacy



Original Color

130.1810, -54.3192, 109.4663

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.0900, -19.7644, 39.3861

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.1810, -54.3192, 109.4663 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, 88, 20)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 20)  
}
```

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, 88, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 20) }
```

Border

The CSS property to change the border of an element to YUV 130.1810, -54.3192, 109.4663 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, 88, 20) }
```


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

```
.border{ border-color:rgb(255, 88, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 88, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 20);  
box-shadow:4px 4px 4px 4px rgb(255, 88,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 130.1810, -54.3192, 109.4663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 88, 20) }
```

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

```
.background{ background-color: rgb(255, 88,  
20) }
```

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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