

Converting Colors

YUV(133.4400, -50.5029,
98.7151)

Have a look what the booklet for
YUV(133.4400, -50.5029, 98.7151)
contains.

YUV(133.4400, -50.5029, 98.7151)	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(133.4400, -50.5029,
98.7151)**

Conversions

Conversions Part 1

Format	Color
Hex	F6601F
RGB	246, 96, 31
RGB Percent	96%, 38%, 12%
CMY	0.0353, 0.6235, 0.8784
CMYK	0.00, 0.61, 0.87, 0.04
HSL	18°, 92%, 54%
HSV	18°, 87%, 96%
XYZ	42.4362, 28.0575, 4.4753
YIQ	133.4400, 110.2650, 11.5850

Conversions

Conversions Part 2

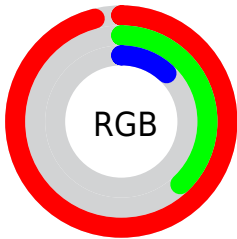
Format	Color
R_{YB}	246, 124, 31
Decimal	16146463
CIE Lab	59.94, 54.82, 61.91
CIE LCh	60, 82.694, 48.475
Yxy	28.0575, 0.5660, 0.3743
Android (android.graphics.Color)	4294336543 (0xFFFF6601F)
YUV	133.4400, -50.5029, 98.7151
Hunter-Lab	52.9693, 50.3084, 32.0692

Details

The YUV color **133.4400, -50.5029, 98.7151** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **143.5600, 50.5029, -98.7151**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.4580, -44.5958, 70.6353**, and **76.4250, -37.6775, 91.7123** is the 20% darker color. If you saturate the color by 10%, you get **120.6110, -56.5032, 109.9662**, and if you desaturate by 10%, it is **146.2690, -44.5026, 87.4641**.

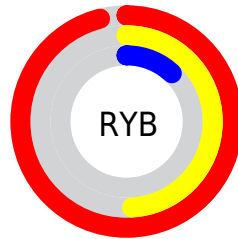
Distribution



Red (96%)

Green (38%)

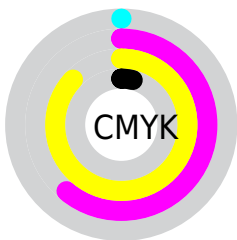
Blue (12%)



Red (96%)

Yellow (49%)

Blue (12%)

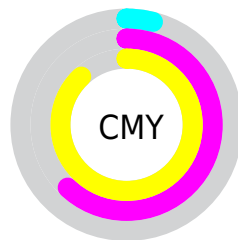


Cyan (0%)

Magenta (61%)

Yellow (87%)

Black (4%)



Cyan (4%)


Magenta (62%)


Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.4400, -50.5029, 98.7151 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 133.4400, -50.5029, 98.7151 by changing the saturation by 10% instead.


 133.4400,
-50.5029, 98.7151


 133.4400,
-50.5029, 98.7151


255.0000, 0.0000,
0.0000


 103.6030,
-51.0763, 95.9412


 174.4580,
-44.5958, 70.6353


 76.4250, -37.6775,
91.7123


 193.8580,
-41.3420, 53.6215

 44.8500, -22.1110,
92.2166


 213.8450,
-38.3776, 36.0929

 35.2820, -17.3940,
72.5437

 233.9460,
-34.9764, 18.4644

 26.3120, -12.9718,
54.1004

 247.7040,
-27.9551, 6.3986

 18.5810, -7.6814,
37.2015

 250.8960,

 7.2900, -3.1010,

-15.7247, 3.5992

14.6547

254.2020, -3.0576,
0.6998

0.0000, 0.0000,
0.0000

133.4400,
-50.5029, 98.7151

133.4400,
-50.5029, 98.7151

120.6110,
-56.5032, 109.9662

146.2690,
-44.5026, 87.4641

116.9920,
-57.6771, 113.1400

158.9840,
-38.9391, 76.3130

171.8130,
-32.9388, 65.0620

185.1150,
-27.6647, 53.3961

197.9440,
-21.6644, 42.1451

210.7730,
-15.6641, 30.8941

223.4880,
-10.1006, 19.7430

236.3170, -4.1003,
8.4920

249.0320, 1.4632,
-2.6591

Harmonies

Analogous

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



121.4460, -9.0939, 117.1269



133.4400, -50.5029, 98.7151



136.0990, -67.0968, 54.2872

Triad

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



133.4400, -50.5029, 98.7151



115.0200, -0.9959, -100.8725



125.6240, 63.7824, -64.5682

Complementary

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



133.4400, -50.5029, 98.7151



143.5600, 50.5029, -98.7151

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.



124.1640, 64.5021, -108.8918



133.4400, -50.5029, 98.7151



124.8580, 31.6220, -109.5005

Square

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



133.4400, -50.5029, 98.7151



102.2640, -34.6402, -89.6855



130.3930, 60.4453, -114.3547



146.3870, 47.1372, 47.8956

Rectangle

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



133.4400, -50.5029, 98.7151



133.5200, -65.8254, 19.7150



130.3930, 60.4453, -114.3547



115.3590, 68.8430, -101.1698

Sweetspot

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



133.4400, -50.5029, 98.7151



220.4740, -15.5167, 30.2793



112.4990, 34.2640, 117.0804



107.0040, -9.3690, 18.4135



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.



133.4400, -50.5029, 98.7151



121.4440, -59.8719, 117.1286



196.2490, -81.4678, 43.6316



115.9360, -2.9264, 5.3181



88.4860, -43.6236, 85.5198



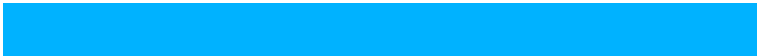
28.2070, -13.9061, 27.0055

Inverse Universe

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



143.5600, 50.5029, -98.7151



133.5560, 59.8719, -117.1286



80.7510, 81.4678, -43.6316



116.6510, 2.6371, -5.8329



97.5140, 43.6236, -85.5198



30.7930, 13.9061, -27.0055

Previews

White Background



This preview shows how the YUV color 133.4400, -50.5029, 98.7151 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 133.4400, -50.5029, 98.7151 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 133.4400, -50.5029, 98.7151 Background



This preview shows how black text looks on a background with the YUV color 133.4400, -50.5029, 98.7151.



This preview shows how white text looks on a background with the YUV color 133.4400, -50.5029, 98.7151.

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

133.4400, -50.5029, 98.7151

Protanopia

138.4550, -47.0593, 20.6490

Deuteranopia

135.1360, -66.6220, 41.9767



Tritanopia

137.8120, -21.1063, 96.6349

Trichromacy



Original Color

133.4400, -50.5029, 98.7151

Protanomaly

136.7020, -48.1671, 49.3733

Deuteranomaly

134.4620, -60.8668, 62.7388

Tritanomaly

136.0650, -31.5840, 97.2900

Monochromacy



Original Color

133.4400, -50.5029, 98.7151

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.4100, -18.4431, 35.5974

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.4400, -50.5029, 98.7151 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(246, 96, 31)` looks like.

```
.text, #text, p{  
    color:rgb(246, 96, 31)  
}
```

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(246, 96, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 96, 31) }
```

Border

The CSS property to change the border of an element to YUV 133.4400, -50.5029, 98.7151 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(246, 96, 31) }
```


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

```
.border{ border-color:rgb(246, 96, 31) }
```

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

Here you see how a box with a 4 pixel rgb(246, 96, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 96, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 96, 31);  
box-shadow:4px 4px 4px 4px rgb(246, 96,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 133.4400, -50.5029, 98.7151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 96, 31) }
```

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

```
.background{ background-color: rgb(246, 96,  
31) }
```

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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