

Converting Colors

YUV(134.5010, -52.9980,
105.6776)

Have a look what the booklet for
YUV(134.5010, -52.9980, 105.6776)
contains.

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Color

**YUV(134.5010, -52.9980,
105.6776)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5E1B
RGB	255, 94, 27
RGB Percent	100%, 37%, 11%
CMY	0.0000, 0.6314, 0.8941
CMYK	0.00, 0.63, 0.89, 0.00
HSL	18°, 100%, 55%
HSV	18°, 89%, 100%
XYZ	45.4405, 29.3445, 4.3060
YIQ	134.5010, 117.4630, 13.2950

Conversions

Conversions Part 2

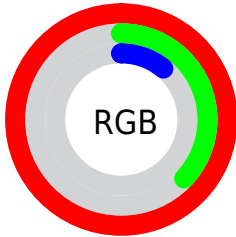
Format	Color
R_{YB}	255, 122, 27
Decimal	16735771
CIE Lab	61.08, 58.70, 64.76
CIE LCh	61, 87.411, 47.810
Yxy	29.3445, 0.5745, 0.3710
Android (android.graphics.Color)	4294925851 (0xFFFF5E1B)
YUV	134.5010, -52.9980, 105.6776
Hunter-Lab	54.1706, 54.9346, 33.2065

Details

The YUV color **134.5010, -52.9980, 105.6776** 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 **147.4990, 52.9980, -105.6776**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.5290, -45.6168, 71.4501**, and **76.1810, -37.5572, 99.8193** is the 20% darker color. If you saturate the color by 10%, you get **120.9710, -59.1457, 117.5434**, and if you desaturate by 10%, it is **147.9170, -47.2871, 93.9118**.

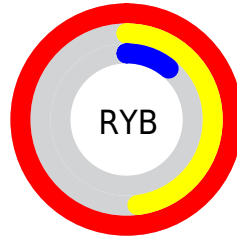
Distribution



Red (100%)

Green (37%)

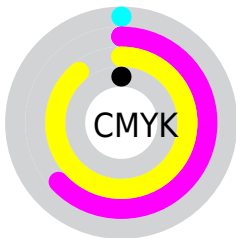
Blue (11%)



Red (100%)

Yellow (48%)

Blue (11%)

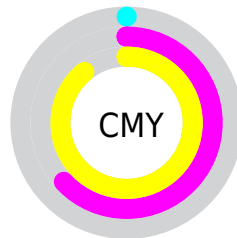


Cyan (0%)

Magenta (63%)

Yellow (89%)

Black (0%)



Cyan (0%)

Magenta (63%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.5010, -52.9980, 105.6776 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 134.5010, -52.9980, 105.6776 by changing the saturation by 10% instead.

134.5010,
-52.9980, 105.6776

134.5010,
-52.9980, 105.6776

255.0000, 0.0000,
0.0000

104.5330,
-51.5348, 103.0186

173.5290,
-45.6168, 71.4501

76.1810, -37.5572,
99.8193

192.9290,
-42.3630, 54.4363

46.9430, -23.1429,
96.5200

213.0300,
-38.9618, 36.8077

37.6740, -18.5733,
77.4619

233.7180,
-35.8500, 18.6643

28.4050, -14.0037,
58.4038

247.4760,
-28.8287, 6.5985

19.9620, -8.8553,
40.3753

250.6680,

10.2800, -4.5750,

-16.5983, 3.7992

20.8024

253.9740, -3.9312,
0.8998

0.0000, 0.0000,
0.0000

134.5010,
-52.9980, 105.6776

134.5010,
-52.9980, 105.6776

120.9710,
-59.1457, 117.5434

147.9170,
-47.2871, 93.9118

120.2700,
-59.2931, 118.1582

161.4470,
-41.1394, 82.0460

174.8630,
-35.4285, 70.2801

188.3930,
-29.2807, 58.4143

201.8090,
-23.5698, 46.6485

■ 215.3390,
-17.4221, 34.7827

■ 228.7550,
-11.7112, 23.0169

■ 242.2850, -5.5635,
11.1511

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



115.8040, -5.3264, 122.0749



134.5010, -52.9980, 105.6776



139.0670, -68.5600, 56.9462

Triad

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



134.5010, -52.9980, 105.6776



117.8410, -2.8796, -103.3466



115.7240, 68.6631, -90.0889

Complementary

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



134.5010, -52.9980, 105.6776



147.4990, 52.9980, -105.6776

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.



126.5120, 63.3446, -110.9510



134.5010, -52.9980, 105.6776



128.2490, 31.9222, -112.4744

Square

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



134.5010, -52.9980, 105.6776



103.2440, -41.0393, -90.5450



133.5560, 59.8719, -117.1286



149.4240, 51.0630, 48.7402

Rectangle

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



134.5010, -52.9980, 105.6776



136.4770, -67.2832, 20.6297



133.5560, 59.8719, -117.1286



117.7070, 67.6854, -103.2290

Sweetspot

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



134.5010, -52.9980, 105.6776



218.3710, -15.9589, 32.1236



113.7540, 37.5893, 123.8727



106.3030, -9.5164, 19.0283



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.



134.5010, -52.9980, 105.6776



120.2700, -59.2931, 118.1582



200.2450, -85.4098, 48.0201



120.6480, -2.7845, 6.4477



89.9810, -44.3606, 88.5937



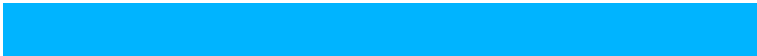
30.2890, -14.9325, 29.5645

Inverse Universe

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



147.4990, 52.9980, -105.6776



134.7300, 59.2931, -118.1582



81.7550, 85.4098, -48.0201



121.7650, 3.0739, -5.9329



101.0190, 44.3606, -88.5937



33.7110, 14.9325, -29.5645

Previews

White Background



This preview shows how the YUV color 134.5010, -52.9980, 105.6776 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 134.5010, -52.9980, 105.6776 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 134.5010, -52.9980, 105.6776 Background



This preview shows how black text looks on a background with the YUV color 134.5010, -52.9980, 105.6776.



This preview shows how white text looks on a background with the YUV color 134.5010, -52.9980, 105.6776.

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

134.5010, -52.9980, 105.6776

Protanopia

141.1840, -49.3907, 21.7636

Deuteranopia

138.0930, -68.0798, 42.8914



Tritanopia

139.9050, -22.1382, 100.9383

Trichromacy



Original Color

134.5010, -52.9980, 105.6776

Protanomaly

138.4420, -50.5039, 52.2324

Deuteranomaly

136.7290, -62.4774, 66.0127

Tritanomaly

137.6420, -33.3475, 102.9230

Monochromacy



Original Color

134.5010, -52.9980, 105.6776

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.9050, -19.1802, 38.6713

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.5010, -52.9980, 105.6776 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, 94, 27)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 27)  
}
```

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, 94, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 27) }
```

Border

The CSS property to change the border of an element to YUV 134.5010, -52.9980, 105.6776 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, 94, 27) }
```


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

```
.border{ border-color:rgb(255, 94, 27) }
```

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

Here you see how a box with a 4 pixel rgb(255, 94, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 27);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 134.5010, -52.9980, 105.6776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 27) }
```

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

```
.background{ background-color: rgb(255, 94,  
27) }
```

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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