

Converting Colors

YUV(134.6930, -60.9806,
99.3702)

Have a look what the booklet for
YUV(134.6930, -60.9806, 99.3702)
contains.

YUV(134.6930, -60.9806, 99.3702)	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(134.6930, -60.9806,
99.3702)**

Conversions

Conversions Part 1

Format	Color
Hex	F8650B
RGB	248, 101, 11
RGB Percent	97%, 40%, 4%
CMY	0.0275, 0.6039, 0.9569
CMYK	0.00, 0.59, 0.96, 0.03
HSL	23°, 94%, 51%
HSV	23°, 96%, 97%
XYZ	43.4255, 29.2880, 3.6810
YIQ	134.6930, 116.5020, 3.1740

Conversions

Conversions Part 2

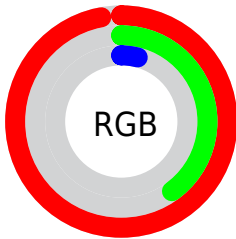
Format	Color
R_{YB}	248, 156, 11
Decimal	16278795
CIE _{Lab}	61.03, 53.05, 68.15
CIE _{LCh}	61, 86.365, 52.101
Yxy	29.2880, 0.5684, 0.3834
Android (android.graphics.Color)	4294468875 (0xFFFF8650B)
YUV	134.6930, -60.9806, 99.3702
Hunter-Lab	54.1184, 48.5242, 33.8501

Details

The YUV color **134.6930, -60.9806, 99.3702** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **124.3070, 60.9806, -99.3702**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.0250, -51.2843, 69.2611**, and **81.1320, -39.9981, 89.3382** is the 20% darker color. If you saturate the color by 10%, you get **129.3300, -63.7597, 104.0736**, and if you desaturate by 10%, it is **146.3480, -54.4016, 89.1488**.

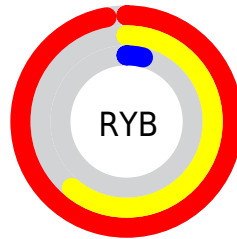
Distribution



Red (97%)

Green (40%)

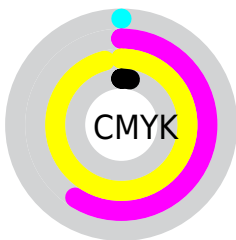
Blue (4%)



Red (97%)

Yellow (61%)

Blue (4%)

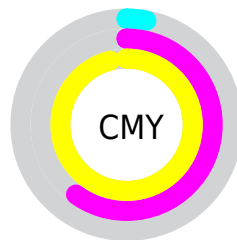


Cyan (0%)

Magenta (59%)

Yellow (96%)

Black (3%)



Cyan (3%)

Magenta (60%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.6930, -60.9806, 99.3702 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 134.6930, -60.9806, 99.3702 by changing the saturation by 10% instead.

134.6930,
-60.9806, 99.3702

134.6930,
-60.9806, 99.3702

255.0000, 0.0000,
0.0000

107.7230,
-53.1074, 94.0819

176.0250,
-51.2843, 69.2611

81.1320, -39.9981,
89.3382

195.5390,
-47.5937, 52.1473

48.6710, -23.9948,
89.7425

215.6400,
-44.1925, 34.5187

35.8800, -17.6888,
73.7732

235.7410,
-40.7913, 16.8901

26.6110, -13.1192,
54.7152

246.5640,
-32.3231, 7.3984

18.7660, -8.2656,
37.9162


249.7560,

8.4860, -3.6906,

-20.0927, 4.5990


17.1138

 253.0620, -7.4256,
1.6996


 0.0000, 0.0000,
0.0000


 134.6930,
-60.9806, 99.3702


 134.6930,
-60.9806, 99.3702

 129.3300,
-63.7597, 104.0736

 146.3480,
-54.4016, 89.1488

 158.5900,
-48.1119, 78.4126

 170.1310,
-41.9696, 68.2911

 182.3730,
-35.6799, 57.5549

 194.0280,
-29.1008, 47.3334

■ 205.6830,
-22.5217, 37.1120

■ 217.9250,
-16.2320, 26.3758

■ 229.4660,
-10.0897, 16.2543

■ 241.1210, -3.5107,
6.0329

Harmonies

Analogous

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



119.9470, -12.2989, 118.4415



134.6930, -60.9806, 99.3702



138.7240, -68.3909, 49.3541

Triad

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



134.6930, -60.9806, 99.3702



119.2090, 2.3620, -104.5463



134.0180, 59.6441, -43.8658

Complementary

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



134.6930, -60.9806, 99.3702



124.3070, 60.9806, -99.3702

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.



124.7510, 64.2128, -109.4066



134.6930, -60.9806, 99.3702



128.8020, 36.5796, -112.9594

Square

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



134.6930, -60.9806, 99.3702



106.1110, -32.5927, -93.0593



132.3820, 60.4507, -116.0990



148.2360, 46.2257, 60.3060

Rectangle

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



134.6930, -60.9806, 99.3702



135.2480, -66.6773, 12.9375



132.3820, 60.4507, -116.0990



115.3590, 68.8430, -101.1698

Sweetspot

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



134.6930, -60.9806, 99.3702



219.5620, -19.0111, 31.0791



98.9630, 30.5842, 130.7054



106.4340, -11.5530, 18.9134



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.



134.6930, -60.9806, 99.3702



133.1840, -65.6597, 106.8326



202.1980, -94.2606, 40.1684



118.8220, -3.3632, 5.4181



98.7750, -48.6961, 79.1273



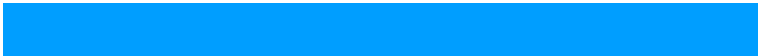
31.7400, -15.6478, 25.6610

Inverse Universe

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



124.3070, 60.9806, -99.3702



121.8160, 65.6597, -106.8326



56.8020, 94.2606, -40.1684



118.1780, 3.3632, -5.4181



90.2250, 48.6961, -79.1273



29.2600, 15.6478, -25.6610

Previews

White Background



This preview shows how the YUV color 134.6930, -60.9806, 99.3702 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 134.6930, -60.9806, 99.3702 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 134.6930, -60.9806, 99.3702

Background



This preview shows how black text looks on a background with the YUV color 134.6930, -60.9806, 99.3702.



This preview shows how white text looks on a background with the YUV color 134.6930, -60.9806, 99.3702.

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

134.6930, -60.9806, 99.3702

Protanopia

139.5880, -55.5059, 23.1633

Deuteranopia

137.7940, -67.9324, 42.2767



Tritanopia

141.3280, -20.3747, 95.3053

Trichromacy



Original Color

134.6930, -60.9806, 99.3702

Protanomaly

137.8950, -57.6292, 50.9581

Deuteranomaly

136.9090, -65.5241, 63.2238

Tritanomaly

139.1420, -35.0730, 96.3455

Monochromacy



Original Color

134.6930, -60.9806, 99.3702

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.0850, -22.2269, 35.8825

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.6930, -60.9806, 99.3702 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(248, 101, 11)` looks like.

```
.text, #text, p{  
    color:rgb(248, 101, 11)  
}
```

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(248, 101, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 101, 11) }
```

Border

The CSS property to change the border of an element to YUV 134.6930, -60.9806, 99.3702 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(248, 101, 11) }
```


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

```
.border{ border-color:rgb(248, 101, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 101, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 101, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 101, 11);  
box-shadow:4px 4px 4px 4px rgb(248, 101,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 134.6930, -60.9806, 99.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 101, 11) }
```

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

```
.background{ background-color: rgb(248,  
101, 11) }
```

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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