

Converting Colors

YUV(133.0740, -65.6055,
89.3891)

Have a look what the booklet for
YUV(133.0740, -65.6055, 89.3891)
contains.

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Color

**YUV(133.0740, -65.6055,
89.3891)**

Conversions

Conversions Part 1

Format	Color
Hex	EB6B00
RGB	235, 107, 0
RGB Percent	92%, 42%, 0%
CMY	0.0784, 0.5804, 1.0000
CMYK	0.00, 0.54, 1.00, 0.08
HSL	27°, 100%, 46%
HSV	27°, 100%, 92%
XYZ	39.5186, 28.1776, 3.3560
YIQ	133.0740, 110.6350, -6.1410

Conversions

Conversions Part 2

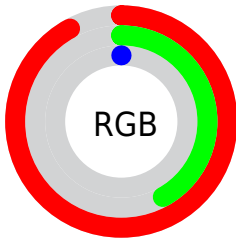
Format	Color
RYB	235, 196, 0
Decimal	15428352
CIELab	60.05, 45.39, 68.41
CIElCh	60, 82.099, 56.437
Yxy	28.1776, 0.5562, 0.3966
Android (android.graphics.Color)	4293618432 (0xFFEB6B00)
YUV	133.0740, -65.6055, 89.3891
Hunter-Lab	53.0825, 39.9944, 33.4094

Details

The YUV color **133.0740, -65.6055, 89.3891** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **101.9260, 65.6055, -89.3891**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.5040, -54.4785, 67.0870**, and **82.8270, -40.8337, 77.3277** is the 20% darker color. If you saturate the color by 10%, you get **133.0740, -65.6055, 89.3891**, and if you desaturate by 10%, it is **143.3270, -59.3212, 80.3972**.

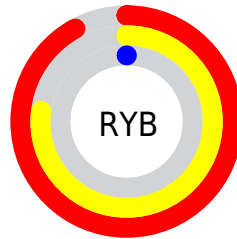
Distribution



Red (92%)

Green (42%)

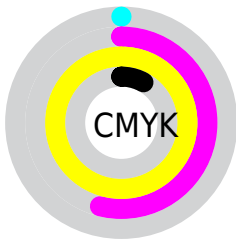
Blue (0%)



Red (92%)

Yellow (77%)

Blue (0%)

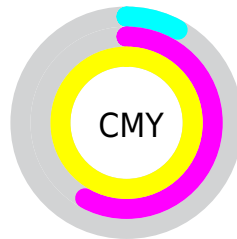


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.0740, -65.6055, 89.3891 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 133.0740, -65.6055, 89.3891 by changing the saturation by 10% instead.

133.0740,
-65.6055, 89.3891

133.0740,
-65.6055, 89.3891

255.0000, 0.0000,
0.0000

108.2440,
-53.3643, 83.1010

178.5040,
-54.4785, 67.0870

82.8270, -40.8337,
77.3277

198.0180,
-50.7879, 49.9732

57.1220, -28.1611,
72.6840

217.5320,
-47.0973, 32.8594

32.5910, -16.0674,
67.0107

237.6330,
-43.6961, 15.2309

23.6210, -11.6452,
48.5674

246.1080,
-34.0702, 7.7983

16.3740, -7.0864,
32.9980

249.3000,

2.0930, -1.0318,


-21.8399, 4.9989


4.3034

 252.6060, -9.1728,
2.0995


 0.0000, 0.0000,
0.0000

 133.0740,
-65.6055, 89.3891

 143.3270,
-59.3212, 80.3972

 153.6940,
-52.6001, 71.3054

 163.4740,
-45.5897, 62.7283

 173.7270,
-39.3054, 53.7364

 184.0940,
-32.5843, 44.6446

■ 194.3470,
-26.3001, 35.6527

■ 204.6000,
-20.0158, 26.6608

■ 214.3800,
-13.0053, 18.0837

■ 224.6330, -6.7211,
9.0919

Harmonies

Analogous

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



125.8510, -20.1395, 113.2637



133.0740, -65.6055, 89.3891



136.0110, -67.0534, 40.3324

Triad

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



133.0740, -65.6055, 89.3891



118.0010, 7.8875, -103.4869



139.7760, 56.8054, -19.9746

Complementary

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



133.0740, -65.6055, 89.3891



101.9260, 65.6055, -89.3891

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.



121.2290, 65.9491, -106.3178



133.0740, -65.6055, 89.3891



127.0240, 39.9212, -111.4000

Square

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



133.0740, -65.6055, 89.3891



106.2880, -24.2990, -93.2146



129.4470, 61.8976, -113.5250



144.6730, 40.0942, 66.9388

Rectangle

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



133.0740, -65.6055, 89.3891



131.6600, -64.9084, 5.5602



129.4470, 61.8976, -113.5250



116.3330, 68.3628, -87.1150

Sweetspot

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



133.0740, -65.6055, 89.3891



221.6820, -21.0422, 29.2199



84.9710, 21.7063, 131.5754



107.4940, -12.5685, 17.9838



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.



133.0740, -65.6055, 89.3891



144.3370, -71.1581, 97.0515



201.1660, -99.1748, 29.6724



112.2240, -3.0684, 4.1886



102.2530, -50.4107, 69.0611



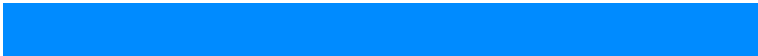
30.2340, -14.9054, 20.8428

Inverse Universe

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



101.9260, 65.6055, -89.3891



110.6630, 71.1581, -97.0515



33.8340, 99.1748, -29.6724



110.7760, 3.0684, -4.1886



78.7470, 50.4107, -69.0611



23.1790, 15.1948, -20.3280

Previews

White Background



This preview shows how the YUV color 133.0740, -65.6055, 89.3891 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 133.0740, -65.6055, 89.3891 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 133.0740, -65.6055, 89.3891 Background



This preview shows how black text looks on a background with the YUV color 133.0740, -65.6055, 89.3891.



This preview shows how white text looks on a background with the YUV color 133.0740, -65.6055, 89.3891.

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



Protanopia

137.2460, -56.8163, 23.4633

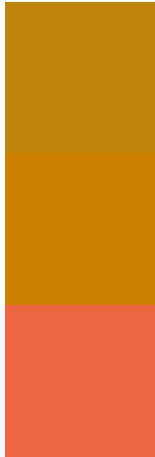
Deuteranopia

135.7230, -66.9114, 41.4619

Tritanopia

141.9460, -17.7214, 84.2394

Trichromacy



Protanomaly

135.8900, -60.0918, 47.4545

Deuteranomaly

134.9470, -66.5289, 58.8055

Tritanomaly

138.9620, -35.4773, 85.9793

Monochromacy



Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.3080, -23.8158, 32.1789

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.0740, -65.6055, 89.3891 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(235, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(235, 107, 0)  
}
```

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(235, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 107, 0) }
```

Border

The CSS property to change the border of an element to YUV 133.0740, -65.6055, 89.3891 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(235, 107, 0) }
```

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

```
.border{ border-color:rgb(235, 107, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 107, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(235, 107,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 133.0740, -65.6055, 89.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 107, 0) }
```

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

```
.background{ background-color: rgb(235,  
107, 0) }
```

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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