

Converting Colors

YUV(130.2050, -64.1911,
102.4292)

Have a look what the booklet for
YUV(130.2050, -64.1911, 102.4292)
contains.

YUV(130.2050, -64.1911, 102.4292)	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>	30

Color

**YUV(130.2050, -64.1911,
102.4292)**

Conversions

Conversions Part 1

Format	Color
Hex	F76000
RGB	247, 96, 0
RGB Percent	97%, 38%, 0%
CMY	0.0314, 0.6235, 1.0000
CMYK	0.00, 0.61, 1.00, 0.03
HSL	23°, 100%, 48%
HSV	23°, 100%, 97%
XYZ	42.5406, 28.1399, 3.1894
YIQ	130.2050, 120.8120, 2.1560

Conversions

Conversions Part 2

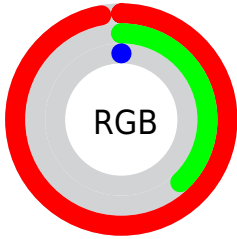
Format	Color
R_{YB}	247, 157, 0
Decimal	16211968
CIE _{Lab}	60.01, 54.81, 69.41
CIE _{LCh}	60, 88.443, 51.700
Yxy	28.1399, 0.5759, 0.3809
Android (android.graphics.Color)	4294402048 (0xFFFF76000)
YUV	130.2050, -64.1911, 102.4292
Hunter-Lab	53.0471, 50.3142, 33.5682

Details

The YUV color **130.2050, -64.1911, 102.4292** 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 **116.7950, 64.1911, -102.4292**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.5200, -52.0214, 72.3350**, and **76.7240, -37.8249, 92.3271** is the 20% darker color. If you saturate the color by 10%, you get **130.2050, -64.1911, 102.4292**, and if you desaturate by 10%, it is **141.8600, -57.6120, 92.2078**.

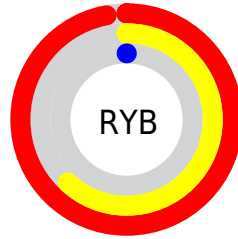
Distribution



Red (97%)

Green (38%)

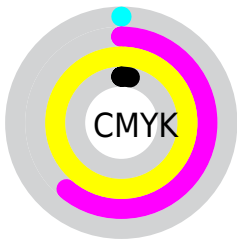
Blue (0%)



Red (97%)

Yellow (62%)

Blue (0%)

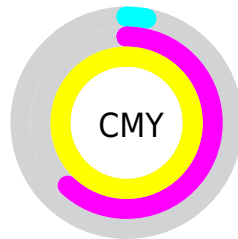


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.2050, -64.1911, 102.4292 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 130.2050, -64.1911, 102.4292 by changing the saturation by 10% instead.

130.2050,
-64.1911, 102.4292

130.2050,
-64.1911, 102.4292

255.0000, 0.0000,
0.0000

103.9020,
-51.2237, 96.5559

172.5200,
-52.0214, 72.3350

76.7240, -37.8249,
92.3271

192.0340,
-48.3308, 55.2212

44.8500, -22.1110,
92.2166

212.0210,
-45.3664, 37.6926

35.2820, -17.3940,
72.5437

232.2360,
-41.5283, 19.9640

26.3120, -12.9718,
54.1004

245.8800,
-34.9438, 7.9982


18.5810, -7.6814,
37.2015


249.1860,


7.2900, -3.1010,


-22.2767, 5.0989


14.6547


 252.3780,
-10.0464, 2.2995


 0.0000, 0.0000,
0.0000

 130.2050,
-64.1911, 102.4292

 141.8600,
-57.6120, 92.2078

 153.4010,
-51.4697, 82.0863

 165.0560,
-44.8906, 71.8649

 176.7110,
-38.3115, 61.6435

 188.9530,
-32.0218, 50.9072

■ 200.4940,
-25.8795, 40.7858

■ 212.1490,
-19.3005, 30.5643

■ 223.8040,
-12.7214, 20.3429

■ 235.3450, -6.5791,
10.2214

Harmonies

Analogous

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



113.2620, -9.9892, 124.3042



130.2050, -64.1911, 102.4292



136.3650, -67.2279, 49.6689

Triad

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



130.2050, -64.1911, 102.4292



116.9920, 1.4829, -102.6020



128.9570, 62.1392, -50.8283

Complementary

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



130.2050, -64.1911, 102.4292



116.7950, 64.1911, -102.4292

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.



123.5770, 64.7915, -108.3770



130.2050, -64.1911, 102.4292



127.2860, 35.8480, -111.6298

Square

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



130.2050, -64.1911, 102.4292



103.3240, -35.6557, -90.6151



131.2080, 61.0295, -115.0694



144.5180, 48.5516, 60.9357

Rectangle

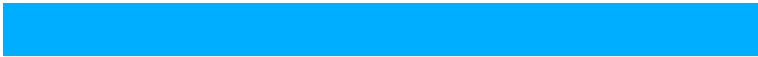
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



130.2050, -64.1911, 102.4292



132.5900, -65.3669, 12.6376



131.2080, 61.0295, -115.0694



114.1850, 69.4218, -100.1402

Sweetspot

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



130.2050, -64.1911, 102.4292



218.7470, -19.5953, 31.7939



91.1810, 29.9838, 136.6533



105.7330, -11.7004, 19.5282



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.



130.2050, -64.1911, 102.4292



134.3580, -66.2385, 105.8030



201.8190, -99.4968, 39.6237



116.5230, -3.2158, 4.8033



97.8780, -48.2539, 77.2830



31.1420, -15.3530, 24.4315

Inverse Universe

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



116.7950, 64.1911, -102.4292



120.6420, 66.2385, -105.8030



45.1810, 99.4968, -39.6237



116.0640, 2.9264, -5.3181



88.1220, 48.2539, -77.2830



27.8580, 15.3530, -24.4315

Previews

White Background



This preview shows how the YUV color 130.2050, -64.1911, 102.4292 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 130.2050, -64.1911, 102.4292 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 130.2050, -64.1911, 102.4292 Background



This preview shows how black text looks on a background with the YUV color 130.2050, -64.1911, 102.4292.



This preview shows how white text looks on a background with the YUV color 130.2050, -64.1911, 102.4292.

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

136.7020, -55.0691, 23.0633

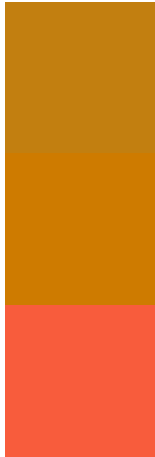
Deuteranopia

135.7230, -66.9114, 41.4619

Tritanopia

137.5240, -20.9643, 97.7645

Trichromacy



Protanomaly

134.3790, -58.3608, 52.2876

Deuteranomaly

133.7950, -65.9609, 63.3238

Tritanomaly

134.9960, -36.9730, 99.1045

Monochromacy



Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.4550, -23.3953, 37.3120

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.2050, -64.1911, 102.4292 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(247, 96, 0)` looks like.

```
.text, #text, p{  
    color:rgb(247, 96, 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(247, 96, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 96, 0) }
```

Border

The CSS property to change the border of an element to YUV 130.2050, -64.1911, 102.4292 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(247, 96, 0) }
```

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

```
.border{ border-color:rgb(247, 96, 0) }
```

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

Here you see how a box with a 4 pixel rgb(247, 96, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 96, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 96, 0);  
box-shadow:4px 4px 4px 4px rgb(247, 96, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 130.2050, -64.1911, 102.4292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 96, 0) }
```

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

```
.background{ background-color: rgb(247, 96,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor