

Converting Colors

YUV(130.5370, -64.3547,
108.2771)

Have a look what the booklet for
YUV(130.5370, -64.3547, 108.2771)
contains.

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Color

**YUV(130.5370, -64.3547,
108.2771)**

Conversions

Conversions Part 1

Format	Color
Hex	FE5D00
RGB	254, 93, 0
RGB Percent	100%, 36%, 0%
CMY	0.0039, 0.6353, 1.0000
CMYK	0.00, 0.63, 1.00, 0.00
HSL	22°, 100%, 50%
HSV	22°, 100%, 100%
XYZ	44.7874, 28.8995, 3.2176
YIQ	130.5370, 125.8090, 5.2090

Conversions

Conversions Part 2

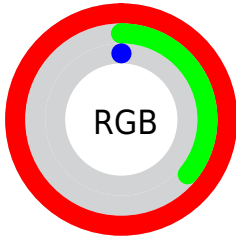
Format	Color
R_{YB}	254, 147, 0
Decimal	16669952
CIE Lab	60.69, 58.51, 70.40
CIE LCh	61, 91.537, 50.268
Yxy	28.8995, 0.5824, 0.3758
Android (android.graphics.Color)	4294860032 (0xFFFE5D00)
YUV	130.5370, -64.3547, 108.2771
Hunter-Lab	53.7583, 54.6359, 34.0821

Details

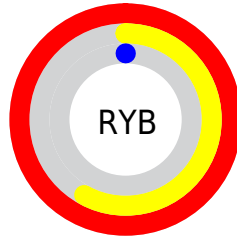
The YUV color **130.5370, -64.3547, 108.2771** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **123.4630, 64.3547, -108.2771**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3460, -51.4426, 73.3646**, and **74.9960, -36.9730, 99.1045** is the 20% darker color. If you saturate the color by 10%, you get **130.5370, -64.3547, 108.2771**, and if you desaturate by 10%, it is **142.7790, -58.0650, 97.5408**.

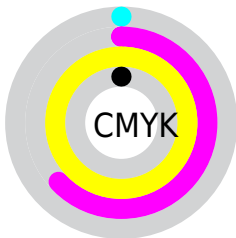
Distribution



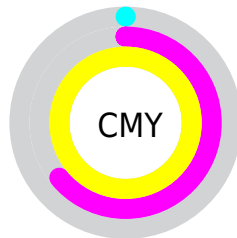
- Red (100%)
- Green (36%)
- Blue (0%)



- Red (100%)
- Yellow (58%)
- Blue (0%)



- Cyan (0%)
- Magenta (63%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.5370, -64.3547, 108.2771 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 130.5370, -64.3547, 108.2771 by changing the saturation by 10% instead.

130.5370,
-64.3547, 108.2771

130.5370,
-64.3547, 108.2771

255.0000, 0.0000,
0.0000

103.6470,
-51.0980, 102.9186

171.3460,
-51.4426, 73.3646

74.9960, -36.9730,
99.1045

190.8600,
-47.7520, 56.2508

46.6440, -22.9955,
95.9052

210.8470,
-44.7876, 38.7222

37.0760, -18.2785,
76.2323

231.0620,
-40.9496, 20.9936

27.8070, -13.7089,
57.1743

245.8800,
-34.9438, 7.9982


19.7770, -8.2711,
39.6606

249.1860,


9.6820, -4.2802,


-22.2767, 5.0989


19.5729


 252.4920, -9.6096,
2.1995


 0.0000, 0.0000,
0.0000


 130.5370,
-64.3547, 108.2771

 142.7790,
-58.0650, 97.5408

 155.1350,
-51.3386, 86.7046

 167.3770,
-45.0489, 75.9684

 179.7330,
-38.3224, 65.1322

 191.9750,
-32.0327, 54.3959

■ 204.8040,
-26.0324, 43.1449

■ 217.1600,
-19.3059, 32.3087

■ 229.4020,
-13.0162, 21.5724

■ 241.7580, -6.2897,
10.7362

Harmonies

Analogous

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



107.1470, -5.4955, 129.6671



130.5370, -64.3547, 108.2771



138.1590, -68.1124, 53.3576

Triad

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



130.5370, -64.3547, 108.2771



118.2970, -1.1324, -103.7465



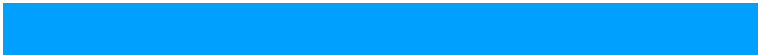
122.0470, 65.5458, -70.2012

Complementary

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



130.5370, -64.3547, 108.2771



123.4630, 64.3547, -108.2771

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.



125.9250, 63.6340, -110.4362



130.5370, -64.3547, 108.2771



128.5740, 35.7060, -112.7594

Square

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



130.5370, -64.3547, 108.2771



103.0160, -41.9129, -90.3450



132.9690, 60.1613, -116.6138



146.6040, 51.4672, 59.1063

Rectangle

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



130.5370, -64.3547, 108.2771



134.6720, -66.3933, 15.1967



132.9690, 60.1613, -116.6138



115.9460, 68.5536, -101.6846

Sweetspot

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



130.5370, -64.3547, 108.2771



218.1600, -19.3059, 32.3087



94.7560, 34.6303, 139.6570



105.1460, -11.4110, 20.0430



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.



130.5370, -64.3547, 108.2771



130.8360, -64.5021, 108.8918



202.7380, -99.9498, 44.9568



121.2350, -3.0739, 5.9329



98.1990, -48.4121, 81.3865



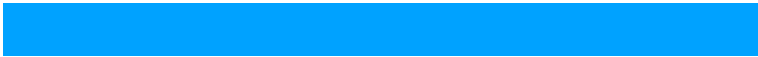
32.6370, -16.0900, 27.5054

Inverse Universe

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



123.4630, 64.3547, -108.2771



124.1640, 64.5021, -108.8918



51.2620, 99.9498, -44.9568



121.1780, 3.3632, -5.4181



92.8010, 48.4121, -81.3865



30.7760, 16.3794, -26.9906

Previews

White Background



This preview shows how the YUV color 130.5370, -64.3547, 108.2771 looks on a white background.

Color Contrast Check

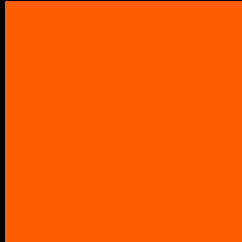
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.5370, -64.3547, 108.2771 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 130.5370, -64.3547, 108.2771 Background



This preview shows how black text looks on a background with the YUV color 130.5370, -64.3547, 108.2771.



This preview shows how white text looks on a background with the YUV color 130.5370, -64.3547, 108.2771.

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

130.5370, -64.3547, 108.2771

Protanopia

138.5880, -55.5059, 23.1633

Deuteranopia

136.9080, -67.4956, 42.1767



Tritanopia

138.3890, -22.8698, 102.2678

Trichromacy



Original Color

130.5370, -64.3547, 108.2771

Protanomaly

135.3900, -58.3663, 54.0320

Deuteranomaly

134.4040, -66.2612, 66.2977

Tritanomaly

135.8010, -37.8629, 104.5375

Monochromacy



Original Color

130.5370, -64.3547, 108.2771

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.7650, -23.5481, 39.6711

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.5370, -64.3547, 108.2771 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(254, 93, 0)` looks like.

```
.text, #text, p{  
    color:rgb(254, 93, 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(254, 93, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 93, 0) }
```

Border

The CSS property to change the border of an element to YUV 130.5370, -64.3547, 108.2771 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(254, 93, 0) }
```


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

```
.border{ border-color:rgb(254, 93, 0) }
```

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

Here you see how a box with a 4 pixel rgb(254, 93, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 93, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 93, 0);  
box-shadow:4px 4px 4px 4px rgb(254, 93, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 130.5370, -64.3547, 108.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 93, 0) }
```

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

```
.background{ background-color: rgb(254, 93,  
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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