

Converting Colors

YUV(130.0070, -64.0935,
71.0309)

Have a look what the booklet for
YUV(130.0070, -64.0935, 71.0309)
contains.

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Color

**YUV(130.0070, -64.0935,
71.0309)**

Conversions

Conversions Part 1

Format	Color
Hex	D37200
RGB	211, 114, 0
RGB Percent	83%, 45%, 0%
CMY	0.1725, 0.5529, 1.0000
CMYK	0.00, 0.46, 1.00, 0.17
HSL	32°, 100%, 41%
HSV	32°, 100%, 83%
XYZ	32.8813, 25.8835, 3.2630
YIQ	130.0070, 94.4060, -14.8900

Conversions

Conversions Part 2

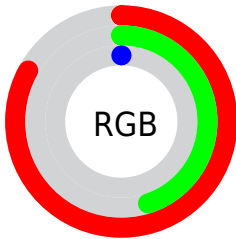
Format	Color
RYB	180, 211, 0
Decimal	13857280
CIELab	57.93, 32.35, 65.34
CIElCh	58, 72.908, 63.657
Yxy	25.8835, 0.5301, 0.4173
Android (android.graphics.Color)	4292047360 (0xFFD37200)
YUV	130.0070, -64.0935, 71.0309
Hunter-Lab	50.8758, 26.3326, 31.8105

Details

The YUV color **130.0070, -64.0935, 71.0309** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **80.9930, 64.0935, -71.0309**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.9120, -56.6516, 64.0982**, and **82.4180, -40.6321, 59.2694** is the 20% darker color. If you saturate the color by 10%, you get **130.0070, -64.0935, 71.0309**, and if you desaturate by 10%, it is **138.2710, -57.8146, 63.7833**.

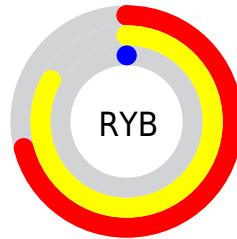
Distribution



Red (83%)

Green (45%)

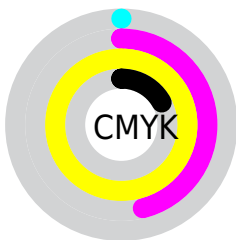
Blue (0%)



Red (71%)

Yellow (83%)

Blue (0%)

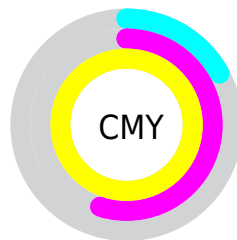


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.0070, -64.0935, 71.0309 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 130.0070, -64.0935, 71.0309 by changing the saturation by 10% instead.

130.0070,
-64.0935, 71.0309

130.0070,
-64.0935, 71.0309

255.0000, 0.0000,
0.0000

106.0630,
-52.2891, 64.8427

181.9120,
-56.6516, 64.0982

82.4180, -40.6321,
59.2694

200.8390,
-52.6716, 47.4992

59.0610, -29.1171,
52.5665

220.3530,
-48.9810, 30.3854

35.7150, -17.6075,
47.6079

240.4540,
-45.5798, 12.7568

18.5380, -9.1392,
38.1162

245.9940,
-34.5070, 7.8983


11.1770, -5.0173,
22.6468

249.1860,


0.0000, 0.0000,

-22.2767, 5.0989


0.0000


 252.4920, -9.6096,
2.1995

 130.0070,
-64.0935, 71.0309

 138.2710,
-57.8146, 63.7833

 145.9480,
-51.2464, 57.0506

 154.2120,
-44.9675, 49.8031

 162.4760,
-38.6887, 42.5555

 170.8540,
-31.9730, 35.2080

■ 178.5310,
-25.4048, 28.4753

■ 186.7950,
-19.1259, 21.2278

■ 195.0590,
-12.8471, 13.9803

■ 202.7360, -6.2788,
7.2475

Harmonies

Analogous

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



129.8850, -28.5373, 100.0789



130.0070, -64.0935, 71.0309



129.4330, -63.8105, 26.8073

Triad

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



130.0070, -64.0935, 71.0309



115.1460, 14.7180, -100.9830



141.2630, 51.6353, 5.0313

Complementary

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



130.0070, -64.0935, 71.0309



80.9930, 64.0935, -71.0309

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.



114.1850, 69.4218, -100.1402



130.0070, -64.0935, 71.0309



121.8550, 42.9625, -106.8668

Square

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



130.0070, -64.0935, 71.0309



105.2740, -12.9531, -92.3253



122.8760, 64.6441, -107.7623



138.4320, 28.8740, 72.4121

Rectangle

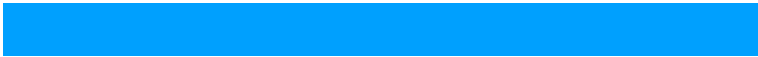
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



130.0070, -64.0935, 71.0309



124.2180, -61.2395, -4.5762



122.8760, 64.6441, -107.7623



135.6010, 58.8637, -26.8371

Sweetspot

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



130.0070, -64.0935, 71.0309



225.7910, -23.0680, 25.6163



74.2610, 11.7033, 119.9201



109.8420, -13.7261, 15.9246



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.



130.0070, -64.0935, 71.0309



157.2510, -77.5247, 85.7259



184.8530, -91.1325, 16.7919



100.8110, -3.3578, 3.6738



103.6490, -51.0990, 56.4358



25.1730, -12.4103, 13.8803

Inverse Universe

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



80.9930, 64.0935, -71.0309



97.7490, 77.5247, -85.7259



26.1470, 91.1325, -16.7919



98.1890, 3.3578, -3.6738



64.3510, 51.0990, -56.4358



15.8270, 12.4103, -13.8803

Previews

White Background



This preview shows how the YUV color 130.0070, -64.0935, 71.0309 looks on a white background.

Color Contrast Check

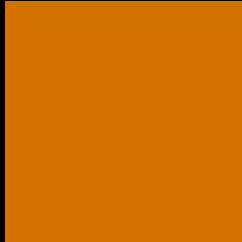
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.0070, -64.0935, 71.0309 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 130.0070, -64.0935, 71.0309

Background



This preview shows how black text looks on a background with the YUV color 130.0070, -64.0935, 71.0309.



This preview shows how white text looks on a background with the YUV color 130.0070, -64.0935,

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

131.3600, -56.3795, 23.3633

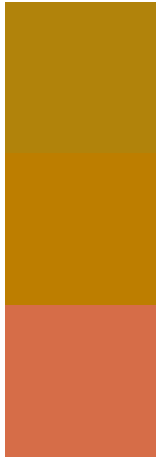
Deuteranopia

130.9940, -64.5800, 40.3473

Tritanopia

139.3890, -13.0098, 66.3108

Trichromacy



Protanomaly

131.0740, -59.1965, 40.2771

Deuteranomaly

130.4730, -64.3232, 51.3282

Tritanomaly

136.1770, -31.6393, 68.2508

Monochromacy



Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.7910, -23.0680, 25.6163

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.0070, -64.0935, 71.0309 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(211, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(211, 114, 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(211, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 114, 0) }
```

Border

The CSS property to change the border of an element to YUV 130.0070, -64.0935, 71.0309 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(211, 114, 0) }
```

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

```
.border{ border-color:rgb(211, 114, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 114, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(211, 114,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 130.0070, -64.0935, 71.0309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 114, 0) }
```

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

```
.background{ background-color: rgb(211,  
114, 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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