

Converting Colors

YUV(130.1100, -63.6512,
69.1865)

Have a look what the booklet for
YUV(130.1100, -63.6512, 69.1865)
contains.

YUV(130.1100, -63.6512, 69.1865)	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(130.1100, -63.6512,
69.1865)**

Conversions

Conversions Part 1

Format	Color
Hex	D17301
RGB	209, 115, 1
RGB Percent	82%, 45%, 0%
CMY	0.1804, 0.5490, 0.9961
CMYK	0.00, 0.45, 1.00, 0.18
HSL	33°, 99%, 41%
HSV	33°, 100%, 82%
XYZ	32.4307, 25.8190, 3.3030
YIQ	130.1100, 92.6180, -15.5260

Conversions

Conversions Part 2

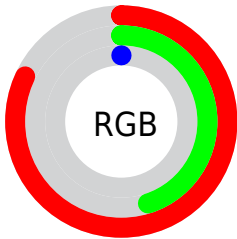
Format	Color
R_{YB}	173, 209, 1
Decimal	13726465
CIE Lab	57.86, 31.01, 64.98
CIE LCh	58, 71.997, 64.490
Yxy	25.8190, 0.5269, 0.4195
Android (android.graphics.Color)	4291916545 (0xFFD17301)
YUV	130.1100, -63.6512, 69.1865
Hunter-Lab	50.8124, 25.0050, 31.7146

Details

The YUV color **130.1100, -63.6512, 69.1865** 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 **79.8900, 63.6512, -69.1865**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.6130, -56.5042, 63.4834**, and **82.4070, -40.6267, 57.5251** is the 20% darker color. If you saturate the color by 10%, you get **129.9960, -64.0880, 69.2865**, and if you desaturate by 10%, it is **137.7870, -57.0830, 62.4538**.

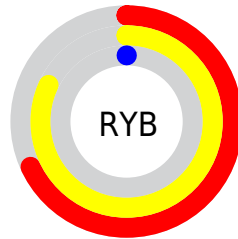
Distribution



Red (82%)

Green (45%)

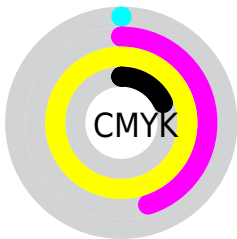
Blue (0%)



Red (68%)

Yellow (82%)

Blue (0%)

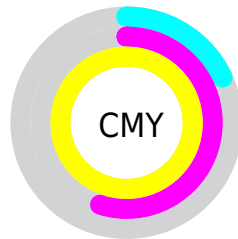


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.1100, -63.6512, 69.1865 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 130.1100, -63.6512, 69.1865 by changing the saturation by 10% instead.

130.1100,
-63.6512, 69.1865

130.1100,
-63.6512, 69.1865

255.0000, 0.0000,
0.0000

106.0520,
-52.2836, 63.0984

182.6130,
-56.5042, 63.4834

82.4070, -40.6267,
57.5251

201.5400,
-52.5242, 46.8844

59.9360, -29.5484,
50.9221

221.0540,
-48.8336, 29.7706

36.8780, -18.1809,
44.8340

241.1550,
-45.4324, 12.1421

17.9400, -8.8444,
36.8866

246.1080,
-34.0702, 7.7983

10.8780, -4.8699,
22.0320

249.3000,

0.0000, 0.0000,

-21.8399, 4.9989

0.0000

252.6060, -9.1728,
2.0995

130.1100,
-63.6512, 69.1865

130.1100,
-63.6512, 69.1865

129.9960,
-64.0880, 69.2865

137.7870,
-57.0830, 62.4538

146.0510,
-50.8041, 55.2063

153.7280,
-44.2359, 48.4735

161.9920,
-37.9571, 41.2260

169.5550,
-31.8256, 34.5933

■ 177.8190,
-25.5468, 27.3457

■ 185.4960,
-18.9785, 20.6130

■ 193.7600,
-12.6997, 13.3655

■ 201.4370, -6.1314,
6.6328

Harmonies

Analogous

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



130.3470, -29.2581, 97.9197



130.1100, -63.6512, 69.1865



129.1340, -63.6631, 26.1925

Triad

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



130.1100, -63.6512, 69.1865



114.7870, 15.8810, -100.6682



141.9320, 50.3195, 7.0756

Complementary

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



130.1100, -63.6512, 69.1865



79.8900, 63.6512, -69.1865

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.



113.5980, 69.7112, -99.6254



130.1100, -63.6512, 69.1865



121.2680, 43.2519, -106.3520

Square

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



130.1100, -63.6512, 69.1865



105.5020, -12.0795, -92.5253



122.7620, 64.2073, -107.6623



138.0900, 27.5636, 72.7121

Rectangle

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



130.1100, -63.6512, 69.1865



123.6200, -60.9447, -5.8057



122.7620, 64.2073, -107.6623



136.5090, 58.4161, -23.2484

Sweetspot

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



130.1100, -63.6512, 69.1865



225.7910, -23.0680, 25.6163



74.2500, 11.7088, 118.1757



110.4290, -14.0155, 15.4098



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.



130.1100, -63.6512, 69.1865



158.4250, -78.1035, 84.6963



183.1950, -89.8221, 16.4920



100.8110, -3.3578, 3.6738



104.2360, -51.3883, 55.9210



25.1730, -12.4103, 13.8803

Inverse Universe

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



79.8900, 63.6512, -69.1865



96.5750, 78.1035, -84.6963



26.8050, 89.8221, -16.4920



98.1890, 3.3578, -3.6738



63.7640, 51.3883, -55.9210



15.2400, 12.6997, -13.3655

Previews

White Background



This preview shows how the YUV color 130.1100, -63.6512, 69.1865 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 130.1100, -63.6512, 69.1865 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 130.1100, -63.6512, 69.1865 Background



This preview shows how black text looks on a background with the YUV color 130.1100, -63.6512, 69.1865.



This preview shows how white text looks on a background with the YUV color 130.1100, -63.6512, 69.1865.

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

130.1100, -63.6512, 69.1865

Protanopia

131.0610, -56.2321, 22.7485

Deuteranopia

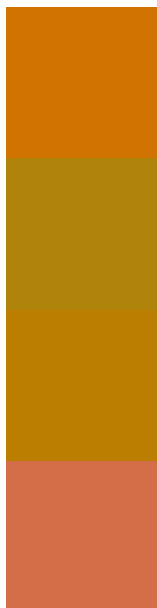
130.1080, -64.1432, 40.2473



Tritanopia

139.4920, -12.5676, 64.4665

Trichromacy



Original Color

130.1100, -63.6512, 69.1865

Protanomaly

130.7750, -59.0491, 39.6623

Deuteranomaly

130.1740, -64.1758, 50.7134

Tritanomaly

136.2800, -31.1970, 66.4064

Monochromacy



Original Color

130.1100, -63.6512, 69.1865

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.3780, -23.3574, 25.1015

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.1100, -63.6512, 69.1865 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(209, 115, 1)` looks like.

```
.text, #text, p{  
    color:rgb(209, 115, 1)  
}
```

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(209, 115, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 115, 1) }
```

Border

The CSS property to change the border of an element to YUV 130.1100, -63.6512, 69.1865 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(209, 115, 1) }
```


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

```
.border{ border-color:rgb(209, 115, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 115, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 115, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 115, 1);  
box-shadow:4px 4px 4px 4px rgb(209, 115,  
1) }
```

Background

The CSS property to change the background color of an element to YUV 130.1100, -63.6512, 69.1865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 115, 1) }
```

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

```
.background{ background-color: rgb(209,  
115, 1) }
```

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