

Converting Colors

YUV(132.3110, -65.2293,
61.9943)

Have a look what the booklet for
YUV(132.3110, -65.2293, 61.9943)
contains.

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Color

**YUV(132.3110, -65.2293,
61.9943)**

Conversions

Conversions Part 1

Format	Color
Hex	CB7A00
RGB	203, 122, 0
RGB Percent	80%, 48%, 0%
CMY	0.2039, 0.5216, 1.0000
CMYK	0.00, 0.40, 1.00, 0.20
HSL	36°, 100%, 40%
HSV	36°, 100%, 80%
XYZ	31.5881, 26.6156, 3.4724
YIQ	132.3110, 87.4380, -20.7700

Conversions

Conversions Part 2

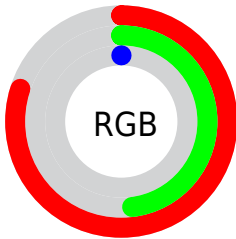
Format	Color
RYB	135, 203, 0
Decimal	13335040
CIELab	58.62, 24.71, 65.23
CIELCh	59, 69.750, 69.249
Yxy	26.6156, 0.5122, 0.4315
Android (android.graphics.Color)	4291525120 (0xFFCB7A00)
YUV	132.3110, -65.2293, 61.9943
Hunter-Lab	51.5903, 19.0105, 32.1225

Details

The YUV color **132.3110, -65.2293, 61.9943** 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 **70.6890, 65.2293, -61.9943**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.7220, -58.5299, 59.8798**, and **85.6080, -42.2047, 50.3328** is the 20% darker color. If you saturate the color by 10%, you get **132.3110, -65.2293, 61.9943**, and if you desaturate by 10%, it is **139.2870, -58.8085, 55.8763**.

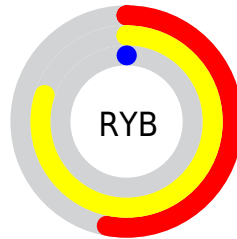
Distribution



Red (80%)

Green (48%)

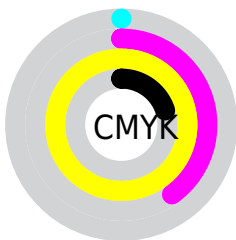
Blue (0%)



Red (53%)

Yellow (80%)

Blue (0%)

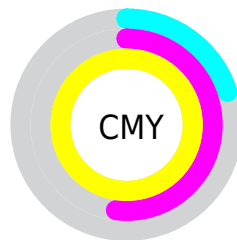


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.3110, -65.2293, 61.9943 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 132.3110, -65.2293, 61.9943 by changing the saturation by 10% instead.

■ 132.3110,
-65.2293, 61.9943

■ 132.3110,
-65.2293, 61.9943

■ 255.0000, 0.0000,
0.0000

■ 108.3670,
-53.4249, 55.8061

■ 186.7220,
-58.5299, 59.8798

■ 85.6080, -42.2047,
50.3328

■ 205.6490,
-54.5500, 43.2808

■ 63.1370, -31.1265,
43.7299

■ 225.1630,
-50.8594, 26.1670

■ 40.9650, -20.1957,
37.7417

■ 243.0300,
-45.8638, 10.4977

■ 19.9780, -9.8492,
32.4683

■ 246.2220,
-33.6334, 7.6983

■ 9.9810, -4.4276,
20.1877

■ 249.4140,

■ 0.0000, 0.0000,

-21.4031, 4.8989

0.0000

■ 252.7200, -8.7360,
1.9996

■ 132.3110,
-65.2293, 61.9943

■ 139.2870,
-58.8085, 55.8763

■ 146.3770,
-51.9509, 49.6584

■ 153.3530,
-45.5300, 43.5404

■ 160.3290,
-39.1092, 37.4225

■ 168.0060,
-32.5410, 30.6897

■ 174.9820,
-26.1201, 24.5718

■ 181.9580,
-19.6993, 18.4538

■ 188.9340,
-13.2785, 12.3359

■ 196.0240, -6.4208,
6.1180

Harmonies

Analogous

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



133.8640, -33.4570, 91.3273



132.3110, -65.2293, 61.9943



129.9760, -64.0782, 19.3150

Triad

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



132.3110, -65.2293, 61.9943



117.3290, 20.5438, -102.8975



144.7440, 45.4822, 18.6415

Complementary

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



132.3110, -65.2293, 61.9943



70.6890, 65.2293, -61.9943

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.



112.4240, 70.2900, -98.5958



132.3110, -65.2293, 61.9943



122.7670, 46.4569, -107.6667

Square

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



132.3110, -65.2293, 61.9943



108.2720, -6.5431, -94.9545



122.4030, 65.3703, -107.3474



139.8580, 22.7480, 77.3005

Rectangle

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



132.3110, -65.2293, 61.9943



124.1030, -60.1968, -12.3683



122.4030, 65.3703, -107.3474



141.8270, 52.8363, -6.8643

Sweetspot

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



132.3110, -65.2293, 61.9943



228.1390, -24.2255, 23.5571



69.9310, 5.4570, 116.7015



111.6030, -14.5943, 14.3802



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.



132.3110, -65.2293, 61.9943



166.0560, -81.8656, 78.0039



173.8780, -85.7219, 8.0000



98.5120, -3.2104, 3.0590



108.3340, -53.4087, 50.5731



24.8630, -12.2575, 11.5211

Inverse Universe

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



70.6890, 65.2293, -61.9943



88.9440, 81.8656, -78.0039



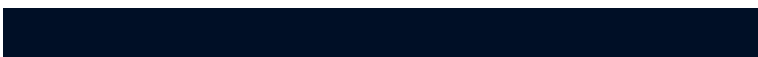
29.1220, 85.7219, -8.0000



95.4880, 3.2104, -3.0590



57.6660, 53.4087, -50.5731



13.1370, 12.2575, -11.5211

Previews

White Background



This preview shows how the YUV color 132.3110, -65.2293, 61.9943 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 132.3110, -65.2293, 61.9943 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 132.3110, -65.2293, 61.9943 Background



This preview shows how black text looks on a background with the YUV color 132.3110, -65.2293, 61.9943.



This preview shows how white text looks on a background with the YUV color 132.3110, -65.2293, 61.9943.

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

132.3110, -65.2293, 61.9943

Protanopia

132.9040, -58.1267, 23.7632

Deuteranopia

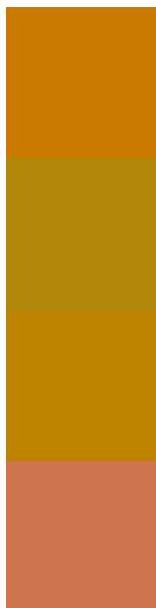
132.1790, -65.1642, 41.0620



Tritanopia

142.4310, -10.0725, 57.5040

Trichromacy



Original Color

132.3110, -65.2293, 61.9943

Protanomaly

133.0090, -60.6434, 37.7031

Deuteranomaly

132.5220, -65.3333, 48.6542

Tritanomaly

138.5780, -29.8650, 59.1291

Monochromacy



Original Color

132.3110, -65.2293, 61.9943

Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.9540, -23.6413, 22.8423

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.3110, -65.2293, 61.9943 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(203, 122, 0)` looks like.

```
.text, #text, p{  
    color:rgb(203, 122, 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(203, 122, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 122, 0) }
```

Border

The CSS property to change the border of an element to YUV 132.3110, -65.2293, 61.9943 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(203, 122, 0) }
```


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

```
.border{ border-color:rgb(203, 122, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 122, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 122, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 122, 0);  
box-shadow:4px 4px 4px 4px rgb(203, 122,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 132.3110, -65.2293, 61.9943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 122, 0) }
```

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

```
.background{ background-color: rgb(203,  
122, 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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