

Converting Colors

YUV(133.1310, -65.6336,
51.6281)

Have a look what the booklet for
YUV(133.1310, -65.6336, 51.6281)
contains.

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Color

**YUV(133.1310, -65.6336,
51.6281)**

Conversions

Conversions Part 1

Format	Color
Hex	C08100
RGB	192, 129, 0
RGB Percent	75%, 51%, 0%
CMY	0.2471, 0.4941, 1.0000
CMYK	0.00, 0.33, 1.00, 0.25
HSL	40°, 100%, 38%
HSV	40°, 100%, 75%
XYZ	29.5885, 26.9070, 3.6341
YIQ	133.1310, 78.9570, -26.7630

Conversions

Conversions Part 2

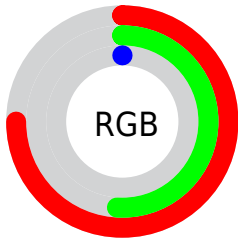
Format	Color
RYB	94, 192, 0
Decimal	12615936
CIELab	58.89, 16.08, 64.72
CIElCh	59, 66.690, 76.052
Yxy	26.9070, 0.4921, 0.4475
Android (android.graphics.Color)	4290806016 (0xFFC08100)
YUV	133.1310, -65.6336, 51.6281
Hunter-Lab	51.8719, 11.0430, 32.1566

Details

The YUV color **133.1310, -65.6336, 51.6281** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **58.8690, 65.6336, -51.6281**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3470, -59.8241, 54.9467**, and **86.7270, -42.7564, 40.5814** is the 20% darker color. If you saturate the color by 10%, you get **133.1310, -65.6336, 51.6281**, and if you desaturate by 10%, it is **138.8190, -59.0708, 46.6397**.

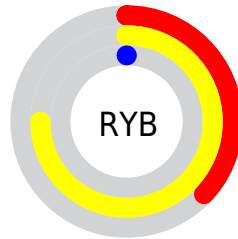
Distribution



Red (75%)

Green (51%)

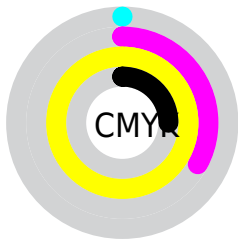
Blue (0%)



Red (37%)

Yellow (75%)

Blue (0%)

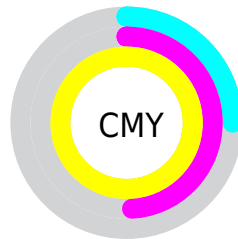


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.1310, -65.6336, 51.6281 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 133.1310, -65.6336, 51.6281 by changing the saturation by 10% instead.

■ 133.1310,
-65.6336, 51.6281

■ 133.1310,
-65.6336, 51.6281

■ 255.0000, 0.0000,
0.0000

■ 109.4860,
-53.9766, 46.0548

■ 190.3470,
-59.8241, 54.9467

■ 86.7270, -42.7564,
40.5814

■ 209.8720,
-56.1389, 39.5773

■ 64.5550, -31.8256,
34.5933

■ 229.9730,
-52.7377, 21.9487

■ 43.2690, -21.3316,
28.7051

■ 243.1440,
-45.4270, 10.3977

■ 23.4560, -11.5638,
22.4021

■ 246.3360,
-33.1966, 7.5983

■ 7.2900, -3.1010,
14.6547

■ 249.5280,

■ 0.0000, 0.0000,

-20.9663, 4.7989

0.0000

■ 252.8340, -8.2992,
1.8996

■ 133.1310,
-65.6336, 51.6281

■ 138.8190,
-59.0708, 46.6397

■ 145.0940,
-52.7973, 41.1366

■ 150.8960,
-45.7977, 36.0482

■ 156.5840,
-39.2349, 31.0598

■ 162.8590,
-32.9615, 25.5567

■ 168.5470,
-26.3987, 20.5683

■ 174.2350,
-19.8359, 15.5799

■ 180.0370,
-12.8362, 10.4916

■ 186.3120, -6.5628,
4.9884

Harmonies

Analogous

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



136.5440, -38.2292, 81.9609



133.1310, -65.6336, 51.6281



129.3230, -63.7562, 9.3637

Triad

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



133.1310, -65.6336, 51.6281



118.8110, 26.2222, -104.1972



145.7090, 38.5975, 33.5812

Complementary

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



133.1310, -65.6336, 51.6281



58.8690, 65.6336, -51.6281

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.



133.3980, 59.9498, -48.5840



133.1310, -65.6336, 51.6281



123.0920, 50.2406, -107.9517

Square

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



133.1310, -65.6336, 51.6281



110.6830, 0.1563, -97.0690



120.6420, 66.2385, -105.8030



139.7570, 15.8958, 81.7741

Rectangle

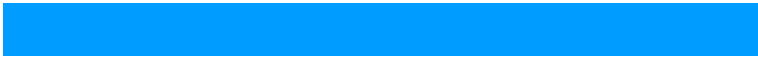
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



133.1310, -65.6336, 51.6281



125.0380, -44.8817, -24.5893



120.6420, 66.2385, -105.8030



145.2870, 45.2145, 11.1493

Sweetspot

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



133.1310, -65.6336, 51.6281



226.7750, -25.5251, 20.3683



64.7040, -0.3471, 111.6386



111.0650, -15.3150, 12.2210



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



133.1310, -65.6336, 51.6281



173.3660, -85.4694, 67.2080



160.5440, -79.1482, -0.4771



94.0990, -3.4998, 2.5442



111.5350, -54.9868, 43.3808



22.7810, -11.2310, 8.9621

Inverse Universe

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



58.8690, 65.6336, -51.6281



76.6340, 85.4694, -67.2080



31.4560, 79.1482, 0.4771



89.9010, 3.4998, -2.5442



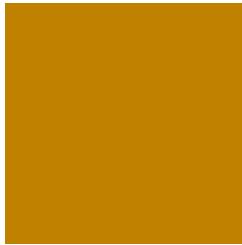
49.4650, 54.9868, -43.3808



10.2190, 11.2310, -8.9621

Previews

White Background



This preview shows how the YUV color 133.1310, -65.6336, 51.6281 looks on a white background.

Color Contrast Check

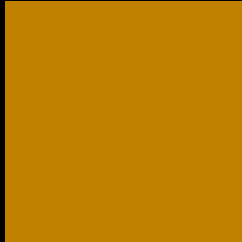
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.1310, -65.6336, 51.6281 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 133.1310, -65.6336, 51.6281 Background



This preview shows how black text looks on a background with the YUV color 133.1310, -65.6336, 51.6281.



This preview shows how white text looks on a background with the YUV color 133.1310, -65.6336, 51.6281.

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

133.2630, -59.2897, 23.4483

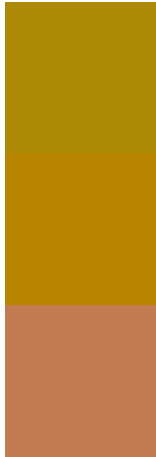
Deuteranopia

133.0650, -65.6010, 41.1620

Tritanopia

144.0490, -7.4192, 46.4380

Trichromacy



Protanomaly

133.3460, -61.7956, 33.8996

Deuteranomaly

133.0870, -65.6119, 44.6507

Tritanomaly

139.8540, -28.5220, 48.3630

Monochromacy



Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2200, -23.7725, 18.2241

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1310, -65.6336, 51.6281 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(192, 129, 0)` looks like.

```
.text, #text, p{  
    color:rgb(192, 129, 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(192, 129, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 129, 0) }
```

Border

The CSS property to change the border of an element to YUV 133.1310, -65.6336, 51.6281 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(192, 129, 0) }
```

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

```
.border{ border-color:rgb(192, 129, 0) }
```

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

Here you see how a box with a 4 pixel rgb(192, 129, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 129, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 129, 0);  
box-shadow:4px 4px 4px 4px rgb(192, 129,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 133.1310, -65.6336, 51.6281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 129, 0) }
```

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

```
.background{ background-color: rgb(192,  
129, 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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