

Converting Colors

YUV(133.1640, -65.6499,
56.8612)

Have a look what the booklet for
YUV(133.1640, -65.6499, 56.8612)
contains.

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Color

**YUV(133.1640, -65.6499,
56.8612)**

Conversions

Conversions Part 1

Format	Color
Hex	C67E00
RGB	198, 126, 0
RGB Percent	78%, 49%, 0%
CMY	0.2235, 0.5059, 1.0000
CMYK	0.00, 0.36, 1.00, 0.22
HSL	38°, 100%, 39%
HSV	38°, 100%, 78%
XYZ	30.7496, 26.9275, 3.5768
YIQ	133.1640, 83.3580, -23.9220

Conversions

Conversions Part 2

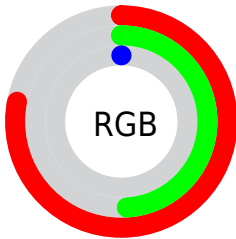
Format	Color
R_{YB}	113, 198, 0
Decimal	13008384
CIE _{Lab}	58.91, 20.37, 65.10
CIE _{LCh}	59, 68.209, 72.625
Yxy	26.9275, 0.5020, 0.4396
Android (android.graphics.Color)	4291198464 (0xFFC67E00)
YUV	133.1640, -65.6499, 56.8612
Hunter-Lab	51.8917, 14.9636, 32.2374

Details

The YUV color **133.1640, -65.6499, 56.8612** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark washed orange. A complement of this color would be **64.8360, 65.6499, -56.8612**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.1840, -59.2507, 57.7206**, and **86.4610, -42.6253, 45.1997** is the 20% darker color. If you saturate the color by 10%, you get **133.1640, -65.6499, 56.8612**, and if you desaturate by 10%, it is **139.5530, -58.9396, 51.2580**.

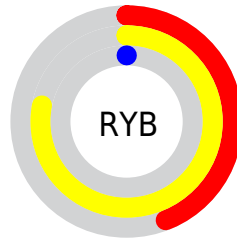
Distribution



Red (78%)

Green (49%)

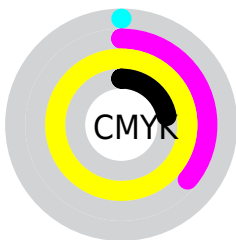
Blue (0%)



Red (44%)

Yellow (78%)

Blue (0%)

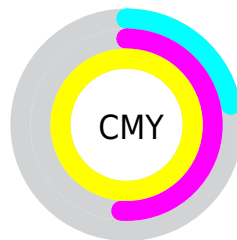


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.1640, -65.6499, 56.8612 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 133.1640, -65.6499, 56.8612 by changing the saturation by 10% instead.

■ 133.1640,
-65.6499, 56.8612

■ 133.1640,
-65.6499, 56.8612

■ 255.0000, 0.0000,
0.0000

■ 109.5190,
-53.9929, 51.2878

■ 189.1840,
-59.2507, 57.7206

■ 86.4610, -42.6253,
45.1997

■ 208.1110,
-55.2707, 41.1217

■ 64.2890, -31.6945,
39.2115

■ 227.6250,
-51.5801, 24.0079

■ 42.7040, -21.0531,
32.7086

■ 243.1440,
-45.4270, 10.3977

■ 22.3040, -10.9959,
26.9204

■ 246.2220,
-33.6334, 7.6983

■ 8.7850, -3.8380,
17.7286

■ 249.5280,

■ 0.0000, 0.0000,

-20.9663, 4.7989

0.0000

■ 252.8340, -8.2992,
1.8996

■ 133.1640,
-65.6499, 56.8612

■ 139.5530,
-58.9396, 51.2580

■ 145.9420,
-52.2294, 45.6549

■ 152.8040,
-46.2454, 39.6369

■ 159.1930,
-39.5351, 34.0337

■ 165.5820,
-32.8249, 28.4306

■ 171.9710,
-26.1147, 22.8274

■ 178.3600,
-19.4045, 17.2243

■ 185.2220,
-13.4204, 11.2063

■ 191.6110, -6.7102,
5.6032

Harmonies

Analogous

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



135.2610, -35.6247, 86.5941



133.1640, -65.6499, 56.8612



129.9430, -64.0619, 14.0820

Triad

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



133.1640, -65.6499, 56.8612



118.1270, 23.6014, -103.5974



145.8760, 41.9661, 26.4187

Complementary

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



133.1640, -65.6499, 56.8612



64.8360, 65.6499, -56.8612

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.



125.0040, 64.0880, -69.2865



133.1640, -65.6499, 56.8612



123.3370, 48.6409, -108.1665

Square

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



133.1640, -65.6499, 56.8612



109.8850, -2.9013, -96.3691



121.8160, 65.6597, -106.8326



139.9570, 19.2482, 79.8447

Rectangle

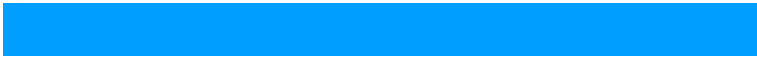
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



133.1640, -65.6499, 56.8612



125.1760, -50.8658, -18.5714



121.8160, 65.6597, -106.8326



143.8560, 48.8780, 2.7573

Sweetspot

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



133.1640, -65.6499, 56.8612



229.9000, -25.0937, 22.0127



67.5240, 2.6997, 114.4275



112.7770, -15.1731, 13.3506



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.



133.1640, -65.6499, 56.8612



171.3390, -84.4701, 73.3707



167.6540, -82.6534, 3.8114



96.2130, -3.0630, 2.4442



109.7850, -54.1240, 46.6696



24.2650, -11.9626, 10.2916

Inverse Universe

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



64.8360, 65.6499, -56.8612



83.6610, 84.4701, -73.3707



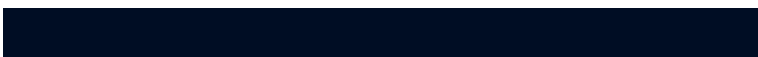
30.3460, 82.6534, -3.8114



92.7870, 3.0630, -2.4442



53.2150, 54.1240, -46.6696



11.7350, 11.9626, -10.2916

Previews

White Background



This preview shows how the YUV color 133.1640, -65.6499, 56.8612 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 133.1640, -65.6499, 56.8612 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 133.1640, -65.6499, 56.8612

Background



This preview shows how black text looks on a background with the YUV color 133.1640, -65.6499, 56.8612.



This preview shows how white text looks on a background with the YUV color 133.1640, -65.6499, 56.8612.

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

133.3770, -58.8529, 23.3484

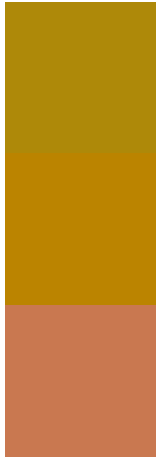
Deuteranopia

133.0650, -65.6010, 41.1620

Tritanopia

143.7400, -8.7458, 51.9710

Trichromacy



Protanomaly

133.4710, -61.3642, 35.5439

Deuteranomaly

133.3970, -65.7647, 47.0098

Tritanomaly

139.6590, -29.4119, 53.7961

Monochromacy



Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9430, -23.6359, 21.0980

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1640, -65.6499, 56.8612 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(198, 126, 0)` looks like.

```
.text, #text, p{  
    color:rgb(198, 126, 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(198, 126, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 126, 0) }
```

Border

The CSS property to change the border of an element to YUV 133.1640, -65.6499, 56.8612 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(198, 126, 0) }
```

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

```
.border{ border-color:rgb(198, 126, 0) }
```

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

Here you see how a box with a 4 pixel rgb(198, 126, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 126, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 126, 0);  
box-shadow:4px 4px 4px 4px rgb(198, 126,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 133.1640, -65.6499, 56.8612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 126, 0) }
```

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

```
.background{ background-color: rgb(198,  
126, 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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