

Converting Colors

YUV(133.0800, -34.5494,
68.3358)

Have a look what the booklet for
YUV(133.0800, -34.5494, 68.3358)
contains.

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Color

**YUV(133.0800, -34.5494,
68.3358)**

Conversions

Conversions Part 1

Format	Color
Hex	D36B3F
RGB	211, 107, 63
RGB Percent	83%, 42%, 25%
CMY	0.1725, 0.5804, 0.7529
CMYK	0.00, 0.49, 0.70, 0.17
HSL	18°, 63%, 54%
HSV	18°, 70%, 83%
XYZ	33.0189, 24.7232, 7.7344
YIQ	133.0800, 76.1080, 8.3640

Conversions

Conversions Part 2

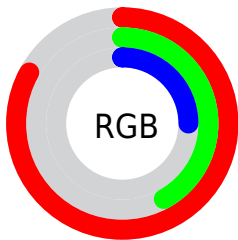
Format	Color
R_{YB}	211, 126, 63
Decimal	13855551
CIE Lab	56.80, 37.68, 42.70
CIE LCh	57, 56.942, 48.574
Yxy	24.7232, 0.5043, 0.3776
Android (android.graphics.Color)	4292045631 (0xFFD36B3F)
YUV	133.0800, -34.5494, 68.3358
Hunter-Lab	49.7224, 31.5213, 25.5830

Details

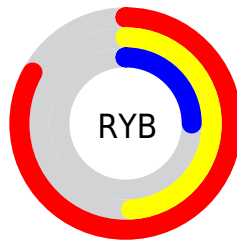
The YUV color **133.0800, -34.5494, 68.3358** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **140.9200, 34.5494, -68.3358**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.9330, -34.9700, 63.2028**, and **79.7310, -31.9124, 62.5029** is the 20% darker color. If you saturate the color by 10%, you get **121.8810, -39.3813, 78.1574**, and if you desaturate by 10%, it is **144.2790, -29.7175, 58.5143**.

Distribution



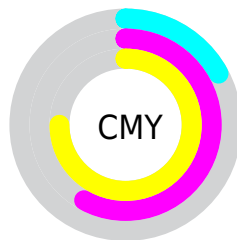
- Red (83%)
- Green (42%)
- Blue (25%)



- Red (83%)
- Yellow (49%)
- Blue (25%)



- Cyan (0%)
- Magenta (49%)
- Yellow (70%)
- Black (17%)



- Cyan (17%)
- Magenta (58%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.0800, -34.5494, 68.3358 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 133.0800, -34.5494, 68.3358 by changing the saturation by 10% instead.


 133.0800,
-34.5494, 68.3358


 133.0800,
-34.5494, 68.3358


255.0000, 0.0000,
0.0000

 106.1120,
-33.0862, 65.6768


 182.9330,
-34.9700, 63.2028


 79.7310, -31.9124,
62.5029


 202.3330,
-31.7162, 46.1890


 54.3760, -26.8074,
58.4292


 221.8470,
-28.0256, 29.0752

 27.5080, -13.5614,
56.5595

 241.9480,
-24.6244, 11.4466

 18.8370, -9.2866,
38.7310

 251.1240,
-14.8511, 3.3993

 11.1770, -5.0173,
22.6468

 254.3160, -2.6208,

 0.0000, 0.0000,

0.5999

0.0000

■ 133.0800,
-34.5494, 68.3358

■ 133.0800,
-34.5494, 68.3358

■ 121.8810,
-39.3813, 78.1574

■ 144.2790,
-29.7175, 58.5143

■ 110.6820,
-44.2132, 87.9789

■ 155.4780,
-24.8857, 48.6928

■ 100.0700,
-49.3345, 97.2856

■ 166.0900,
-19.7644, 39.3861

■ 177.2890,
-14.9325, 29.5645

■ 188.6020, -9.6638,
19.6430

■ 199.8010, -4.8319,
9.8215

■ 211.0000, 0.0000,
0.0000

■ 222.1990, 4.8319,
-9.8215

■ 232.8110, 9.9532,
-19.1282

Harmonies

Analogous

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



133.3030, -12.4744, 81.2953



133.0800, -34.5494, 68.3358



131.1910, -49.8872, 41.0515

Triad

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



133.0800, -34.5494, 68.3358



106.4430, 4.2186, -93.3505



133.4300, 48.1020, -28.4411

Complementary

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



133.0800, -34.5494, 68.3358



140.9200, 34.5494, -68.3358

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.



112.9650, 59.6703, -99.0703



133.0800, -34.5494, 68.3358



112.8440, 26.2059, -98.9642

Square

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



133.0800, -34.5494, 68.3358



118.9770, -25.6247, -41.1988



116.0990, 46.2932, -101.8188



140.6350, 30.7459, 31.8921

Rectangle

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



133.0800, -34.5494, 68.3358



128.2930, -51.4164, 18.1600



116.0990, 46.2932, -101.8188



123.3550, 55.0410, -60.8243

Sweetspot

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



133.0800, -34.5494, 68.3358



226.5380, -12.5902, 24.9612



119.3360, 24.4844, 80.3893



110.8510, -7.3215, 15.0397



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.



133.0800, -34.5494, 68.3358



141.9670, -49.7767, 99.1299



175.3440, -55.3856, 31.2703



99.0500, -2.4897, 5.2181



79.5820, -39.2339, 77.5426



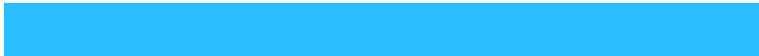
19.3030, -9.5164, 19.0283

Inverse Universe

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



140.9200, 34.5494, -68.3358



153.4460, 50.0661, -98.6151



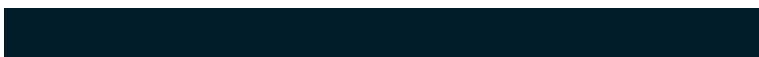
98.6560, 55.3856, -31.2703



99.3630, 2.7790, -4.7034



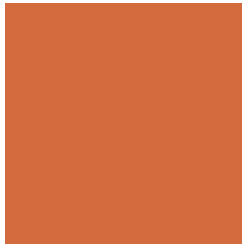
88.4180, 39.2339, -77.5426



21.6970, 9.5164, -19.0283

Previews

White Background



This preview shows how the YUV color 133.0800, -34.5494, 68.3358 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 133.0800, -34.5494, 68.3358 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 133.0800, -34.5494, 68.3358

Background



This preview shows how black text looks on a background with the YUV color 133.0800, -34.5494, 68.3358.



This preview shows how white text looks on a background with the YUV color 133.0800, -34.5494,

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

133.0800, -34.5494, 68.3358

Protanopia

133.8900, -30.0188, 15.0055

Deuteranopia

133.7520, -37.3457, 31.7895



Tritanopia

135.9870, -13.3046, 67.5404

Trichromacy



Original Color

133.0800, -34.5494, 68.3358

Protanomaly

133.5550, -31.8256, 34.5933

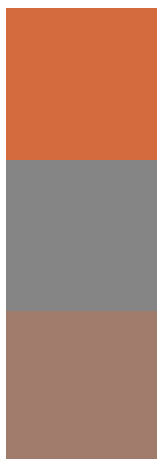
Deuteranomaly

133.7690, -36.3681, 44.9296

Tritanomaly

134.9240, -21.1615, 67.5957

Monochromacy



Original Color

133.0800, -34.5494, 68.3358

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2390, -12.4428, 24.3464

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.0800, -34.5494, 68.3358 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, 107, 63)` looks like.

```
.text, #text, p{  
    color:rgb(211, 107, 63)  
}
```

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, 107, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 107, 63) }
```

Border

The CSS property to change the border of an element to YUV 133.0800, -34.5494, 68.3358 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, 107, 63) }
```


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

```
.border{ border-color:rgb(211, 107, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 107, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 107, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 107, 63);  
box-shadow:4px 4px 4px 4px rgb(211, 107,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 133.0800, -34.5494, 68.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 107, 63) }
```

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

```
.background{ background-color: rgb(211,  
107, 63) }
```

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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