

Converting Colors

YUV(136.9920, -34.5061,
54.3810)

Have a look what the booklet for
YUV(136.9920, -34.5061, 54.3810)
contains.

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Color

**YUV(136.9920, -34.5061,
54.3810)**

Conversions

Conversions Part 1

Format	Color
Hex	C77743
RGB	199, 119, 67
RGB Percent	78%, 47%, 26%
CMY	0.2196, 0.5333, 0.7373
CMYK	0.00, 0.40, 0.66, 0.22
HSL	24°, 54%, 52%
HSV	24°, 66%, 78%
XYZ	31.1631, 25.7410, 8.6362
YIQ	136.9920, 64.3720, 0.7880

Conversions

Conversions Part 2

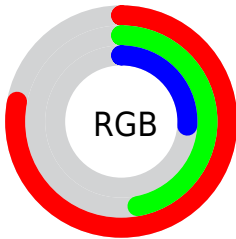
Format	Color
R_{YB}	199, 153, 67
Decimal	13072195
CIE _{Lab}	57.79, 26.71, 41.29
CIE _{LCh}	58, 49.181, 57.100
Yxy	25.7410, 0.4755, 0.3928
Android (android.graphics.Color)	4291262275 (0xFFC77743)
YUV	136.9920, -34.5061, 54.3810
Hunter-Lab	50.7356, 20.8521, 25.4226

Details

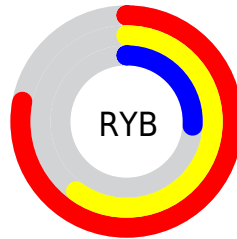
The YUV color **136.9920, -34.5061, 54.3810** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **129.0080, 34.5061, -54.3810**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.5470, -36.2587, 56.5253**, and **85.1160, -32.5952, 48.1333** is the 20% darker color. If you saturate the color by 10%, you get **127.6680, -39.7693, 62.5582**, and if you desaturate by 10%, it is **146.3160, -29.2428, 46.2039**.

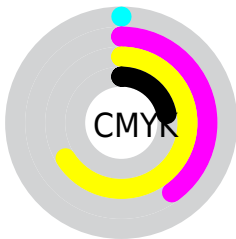
Distribution



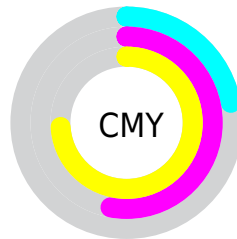
- Red (78%)
- Green (47%)
- Blue (26%)



- Red (78%)
- Yellow (60%)
- Blue (26%)



- Cyan (0%)
- Magenta (40%)
- Yellow (66%)
- Black (22%)



- Cyan (22%)
- Magenta (53%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.9920, -34.5061, 54.3810 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 136.9920, -34.5061, 54.3810 by changing the saturation by 10% instead.

■ 136.9920,
-34.5061, 54.3810

■ 136.9920,
-34.5061, 54.3810

255.0000, 0.0000,
0.0000

■ 110.6110,
-33.3322, 51.2072

■ 190.5470,
-36.2587, 56.5253

■ 85.1160, -32.5952,
48.1333

■ 209.3600,
-32.7155, 40.0263

■ 60.4900, -29.8216,
45.1743

■ 229.4610,
-29.3143, 22.3977

■ 38.6170, -19.0382,
39.8009

■ 248.3880,
-25.3343, 5.7987

■ 17.3310, -8.5442,
33.9127

■ 251.6940,
-12.6671, 2.8994

■ 9.3830, -4.1328,
18.9581

254.8860, -0.4368,

■ 0.0000, 0.0000,

0.1000

0.0000

■ 136.9920,
-34.5061, 54.3810

■ 136.9920,
-34.5061, 54.3810

■ 127.6680,
-39.7693, 62.5582

■ 146.3160,
-29.2428, 46.2039

■ 118.3440,
-45.0326, 70.7353

■ 155.6400,
-23.9795, 38.0267

■ 109.0200,
-50.2959, 78.9125

■ 164.9640,
-18.7163, 29.8496

■ 105.2870,
-51.9065, 82.1863

■ 174.2880,
-13.4530, 21.6724

■ 183.6120, -8.1897,
13.4953

■ 192.8220, -3.3632,
5.4181

■ 202.1460, 1.9000,
-2.7590

■ 211.4700, 7.1633,
-10.9362

■ 221.3810, 12.1372,
-19.6281

Harmonies

Analogous

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



138.1460, -17.8200, 69.1550



136.9920, -34.5061, 54.3810



134.3510, -42.5710, 27.7562

Triad

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



136.9920, -34.5061, 54.3810



109.0820, 11.7916, -95.6649



140.4130, 37.2644, -5.6242

Complementary

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



136.9920, -34.5061, 54.3810



129.0080, 34.5061, -54.3810

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.



116.4460, 53.5171, -85.4601



136.9920, -34.5061, 54.3810



114.0980, 31.0107, -100.0639

Square

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



136.9920, -34.5061, 54.3810



122.1640, -15.8569, -47.5018



114.9250, 46.8720, -100.7892



143.1600, 21.1201, 39.3247

Rectangle

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



136.9920, -34.5061, 54.3810



131.9030, -39.8852, 6.2241



114.9250, 46.8720, -100.7892



136.7310, 41.5446, -25.1971

Sweetspot

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



136.9920, -34.5061, 54.3810



230.9890, -13.3056, 21.0576



115.7020, 15.9229, 73.0523



113.3130, -8.0423, 12.8805



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.



136.9920, -34.5061, 54.3810



158.9560, -53.2223, 84.2306



175.1470, -53.3165, 20.9191



94.4520, -2.1948, 3.9886



86.3050, -42.5484, 67.2615



18.9820, -9.3581, 14.9248

Inverse Universe

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



129.0080, 34.5061, -54.3810



147.0440, 53.2223, -84.2306



90.8530, 53.3165, -20.9191



94.5480, 2.1948, -3.9886



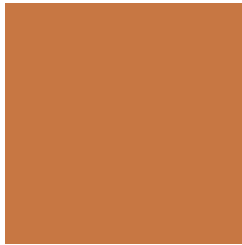
76.6950, 42.5484, -67.2615



17.0180, 9.3581, -14.9248

Previews

White Background



This preview shows how the YUV color 136.9920, -34.5061, 54.3810 looks on a white background.

Color Contrast Check

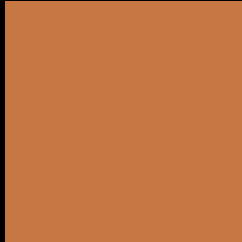
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.9920, -34.5061, 54.3810 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 136.9920, -34.5061, 54.3810

Background



This preview shows how black text looks on a background with the YUV color 136.9920, -34.5061, 54.3810.



This preview shows how white text looks on a background with the YUV color 136.9920, -34.5061, 54.3810.

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

136.9920, -34.5061, 54.3810

Protanopia

136.0750, -30.6030, 15.7202

Deuteranopia

136.7950, -35.8879, 30.8748



Tritanopia

140.5230, -9.6248, 53.9153

Trichromacy



Original Color

136.9920, -34.5061, 54.3810

Protanomaly

136.4080, -32.2461, 29.4602

Deuteranomaly

136.9640, -35.4783, 39.4966

Tritanomaly

139.1180, -18.7922, 54.2705

Monochromacy



Original Color

136.9920, -34.5061, 54.3810

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9180, -12.2846, 20.2429

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.9920, -34.5061, 54.3810 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(199, 119, 67)` looks like.

```
.text, #text, p{  
    color:rgb(199, 119, 67)  
}
```

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(199, 119, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 119, 67) }
```

Border

The CSS property to change the border of an element to YUV 136.9920, -34.5061, 54.3810 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(199, 119, 67) }
```


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

```
.border{ border-color:rgb(199, 119, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 119, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 119, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 119, 67);  
box-shadow:4px 4px 4px 4px rgb(199, 119,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 136.9920, -34.5061, 54.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 119, 67) }
```

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

```
.background{ background-color: rgb(199,  
119, 67) }
```

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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