

Converting Colors

YUV(154.0250, -37.9733,
46.4591)

Have a look what the booklet for
YUV(154.0250, -37.9733, 46.4591)
contains.

YUV(154.0250, -37.9733, 46.4591)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(154.0250, -37.9733,
46.4591)**

Conversions

Conversions Part 1

Format	Color
Hex	CF8E4D
RGB	207, 142, 77
RGB Percent	81%, 56%, 30%
CMY	0.1882, 0.4431, 0.6980
CMYK	0.00, 0.31, 0.63, 0.19
HSL	30°, 58%, 56%
HSV	30°, 63%, 81%
XYZ	36.7447, 33.1472, 11.4826
YIQ	154.0250, 59.6050, -6.4350

Conversions

Conversions Part 2

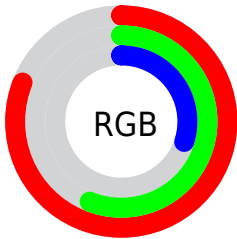
Format	Color
RYB	207, 207, 77
Decimal	13602381
CIELab	64.28, 18.21, 43.92
CIElCh	64, 47.547, 67.485
Yxy	33.1472, 0.4516, 0.4073
Android (android.graphics.Color)	4291792461 (0xFFCF8E4D)
YUV	154.0250, -37.9733, 46.4591
Hunter-Lab	57.5736, 13.1686, 28.4766

Details

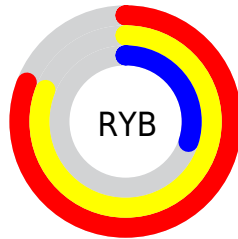
The YUV color **154.0250, -37.9733, 46.4591** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **129.9750, 37.9733, -46.4591**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8890, -38.3993, 43.0703**, and **101.7470, -36.3573, 41.4409** is the 20% darker color. If you saturate the color by 10%, you get **145.7610, -44.2522, 53.7066**, and if you desaturate by 10%, it is **162.2890, -31.6945, 39.2115**.

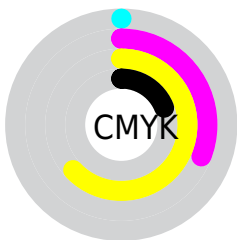
Distribution



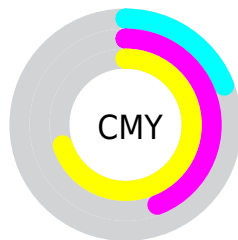
- Red (81%)
- Green (56%)
- Blue (30%)



- Red (81%)
- Yellow (81%)
- Blue (30%)



- Cyan (0%)
- Magenta (31%)
- Yellow (63%)
- Black (19%)



- Cyan (19%)
- Magenta (44%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.0250, -37.9733, 46.4591 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 154.0250, -37.9733, 46.4591 by changing the saturation by 10% instead.

■ 154.0250,
-37.9733, 46.4591

■ 154.0250,
-37.9733, 46.4591

■ 255.0000, 0.0000,
0.0000

■ 127.3560,
-36.6575, 44.4148

■ 205.8890,
-38.3993, 43.0703

■ 101.7470,
-36.3573, 41.4409

■ 225.2890,
-35.1455, 26.0565

■ 75.7960, -37.3674,
38.7669

■ 244.9170,
-31.0181, 8.8428

■ 54.2220, -26.7314,
34.0083

■ 249.8700,
-19.6559, 4.4990

■ 33.8220, -16.6742,
28.2201

■ 253.0620, -7.4256,
1.6996

■ 12.8460, -6.3331,
24.6911

■ 0.0000, 0.0000,

0.0000

■ 154.0250,
-37.9733, 46.4591

■ 154.0250,
-37.9733, 46.4591

■ 145.7610,
-44.2522, 53.7066

■ 162.2890,
-31.6945, 39.2115

■ 137.0240,
-49.8048, 61.3690

■ 171.0260,
-26.1418, 31.5492

■ 128.7600,
-56.0837, 68.6165

■ 179.2900,
-19.8630, 24.3017

■ 122.9410,
-60.6099, 73.7197

■ 187.5540,
-13.5841, 17.0541

■ 196.4050, -7.5947,
9.2918

■ 204.5550, -1.7526,
2.1443

■ 212.8190, 4.5262,
-5.1033

■ 221.6700, 10.5157,
-12.8656

■ 228.9080, 12.8634,
-19.2133

Harmonies

Analogous

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



155.4030, -24.3557, 65.4216



154.0250, -37.9733, 46.4591



151.0400, -40.9387, 17.5049

Triad

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



154.0250, -37.9733, 46.4591



122.7090, 20.8495, -107.6158



159.3290, 31.3898, 11.9895

Complementary

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



154.0250, -37.9733, 46.4591



129.9750, 37.9733, -46.4591

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.



150.0170, 44.3616, -42.1109



154.0250, -37.9733, 46.4591



126.7960, 39.0476, -111.2001

Square

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



154.0250, -37.9733, 46.4591



135.7690, -6.7881, -62.9414



125.8790, 53.3037, -110.3959



159.8040, 14.3936, 50.1609

Rectangle

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



154.0250, -37.9733, 46.4591



148.0910, -35.0479, -5.3418



125.8790, 53.3037, -110.3959



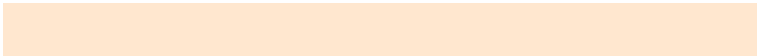
157.7830, 36.0960, -4.1947

Sweetspot

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



154.0250, -37.9733, 46.4591



235.4400, -14.0209, 17.1541



123.2800, 9.2290, 73.4224



115.7750, -8.7631, 10.7213



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.



154.0250, -37.9733, 46.4591



176.8740, -55.6469, 68.5165



192.1800, -56.7837, 12.9971



100.2240, -3.0684, 4.1886



99.5400, -49.0732, 60.0394



23.9990, -11.8315, 14.9099

Inverse Universe

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



129.9750, 37.9733, -46.4591



141.5390, 55.9363, -68.0017



91.8200, 56.7837, -12.9971



98.1890, 3.3578, -3.6738



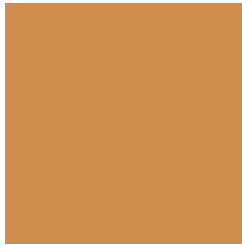
68.4600, 49.0732, -60.0394



16.4140, 12.1209, -14.3951

Previews

White Background



This preview shows how the YUV color 154.0250, -37.9733, 46.4591 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 154.0250, -37.9733, 46.4591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

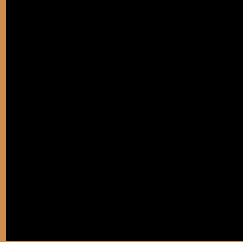
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 154.0250, -37.9733, 46.4591 Background



This preview shows how black text looks on a background with the YUV color 154.0250, -37.9733, 46.4591.



This preview shows how white text looks on a background with the YUV color 154.0250, -37.9733,

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

154.0250, -37.9733, 46.4591

Protanopia

152.3480, -34.6816, 17.2348

Deuteranopia

153.7200, -38.8090, 34.4486



Tritanopia

158.4620, -7.1298, 46.9528

Trichromacy



Original Color

154.0250, -37.9733, 46.4591

Protanomaly

153.0720, -36.0245, 28.0009

Deuteranomaly

153.5680, -38.2410, 38.9669

Tritanomaly

156.8890, -18.1863, 46.5783

Monochromacy



Original Color

154.0250, -37.9733, 46.4591

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.1410, -13.8735, 16.5393

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.0250, -37.9733, 46.4591 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(207, 142, 77)` looks like.

```
.text, #text, p{  
    color:rgb(207, 142, 77)  
}
```

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(207, 142, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 142, 77) }
```

Border

The CSS property to change the border of an element to YUV 154.0250, -37.9733, 46.4591 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(207, 142, 77) }
```


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

```
.border{ border-color:rgb(207, 142, 77) }
```

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

Here you see how a box with a 4 pixel rgb(207, 142, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 142, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 142, 77);  
box-shadow:4px 4px 4px 4px rgb(207, 142,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 154.0250, -37.9733, 46.4591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 142, 77) }
```

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

```
.background{ background-color: rgb(207,  
142, 77) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor