

Converting Colors

YUV(157.3800, -46.5293,
37.3777)

Have a look what the booklet for
YUV(157.3800, -46.5293, 37.3777)
contains.

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Color

**YUV(157.3800, -46.5293,
37.3777)**

Conversions

Conversions Part 1

Format	Color
Hex	C89A3F
RGB	200, 154, 63
RGB Percent	78%, 60%, 25%
CMY	0.2157, 0.3961, 0.7529
CMYK	0.00, 0.23, 0.68, 0.22
HSL	40°, 55%, 52%
HSV	40°, 68%, 78%
XYZ	36.2722, 35.7494, 9.6912
YIQ	157.3800, 56.6270, -18.5490

Conversions

Conversions Part 2

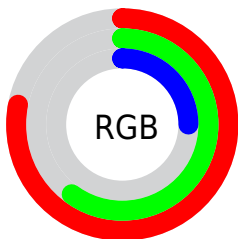
Format	Color
RYB	132, 200, 63
Decimal	13146687
CIELab	66.33, 7.81, 52.65
CIElCh	66, 53.224, 81.561
Yxy	35.7494, 0.4439, 0.4375
Android (android.graphics.Color)	4291336767 (0xFFC89A3F)
YUV	157.3800, -46.5293, 37.3777
Hunter-Lab	59.7908, 3.6534, 32.2436

Details

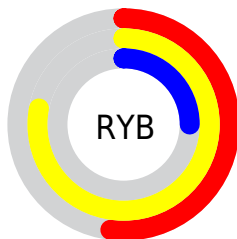
The YUV color **157.3800, -46.5293, 37.3777** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **105.6200, 46.5293, -37.3777**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.4510, -47.5503, 38.1925**, and **103.2610, -49.4287, 33.9741** is the 20% darker color. If you saturate the color by 10%, you get **150.9910, -53.2396, 42.9809**, and if you desaturate by 10%, it is **163.7690, -39.8191, 31.7746**.

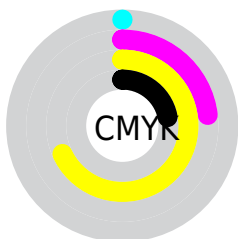
Distribution



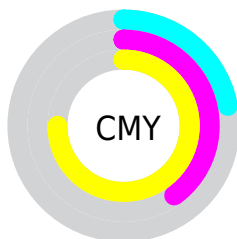
- Red (78%)
- Green (60%)
- Blue (25%)



- Red (52%)
- Yellow (78%)
- Blue (25%)



- Cyan (0%)
- Magenta (23%)
- Yellow (68%)
- Black (22%)



- Cyan (22%)
- Magenta (40%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.3800, -46.5293, 37.3777 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 157.3800, -46.5293, 37.3777 by changing the saturation by 10% instead.

■ 157.3800,
-46.5293, 37.3777

■ 157.3800,
-46.5293, 37.3777

■ 255.0000, 0.0000,
0.0000

■ 130.4830,
-46.0871, 35.5334

■ 211.4510,
-47.5503, 38.1925

■ 103.2610,
-49.4287, 33.9741

■ 230.9650,
-43.8597, 21.0787

■ 80.4590, -39.6663,
29.4155

■ 245.1960,
-37.5646, 8.5981

■ 59.4720, -29.3197,
24.1421

■ 248.3880,
-25.3343, 5.7987

■ 38.4850, -18.9731,
18.8687

■ 251.5800,
-13.1039, 2.9993

■ 19.2700, -9.5001,
13.7952

254.8860, -0.4368,

■ 0.0000, 0.0000,

0.1000

0.0000

■ 157.3800,
-46.5293, 37.3777

■ 157.3800,
-46.5293, 37.3777

■ 150.9910,
-53.2396, 42.9809

■ 163.7690,
-39.8191, 31.7746

■ 145.1890,
-60.2392, 48.0692

■ 169.5710,
-32.8195, 26.6862

■ 138.8000,
-66.9494, 53.6724

■ 175.9600,
-26.1093, 21.0831

■ 137.8710,
-67.9704, 54.4871

■ 182.3490,
-19.3991, 15.4799

■ 188.7380,
-12.6888, 9.8768

■ 194.5400, -5.6892,
4.7884

■ 200.9290, 1.0210,
-0.8147

■ 207.3180, 7.7312,
-6.4179

■ 213.1200, 14.7308,
-11.5062

Harmonies

Analogous

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



159.8300, -35.4122, 65.0471



157.3800, -46.5293, 37.3777



153.1860, -42.4897, 1.5909

Triad

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



157.3800, -46.5293, 37.3777



130.8250, 31.6383, -114.7335



166.3320, 26.9513, 35.6658

Complementary

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



157.3800, -46.5293, 37.3777



105.6200, 46.5293, -37.3777

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.



161.0570, 43.8489, -17.5900



157.3800, -46.5293, 37.3777



133.0370, 50.2678, -116.6734

Square

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



157.3800, -46.5293, 37.3777



124.6520, 10.5246, -109.3198



128.8600, 62.1870, -113.0102



163.5630, 6.6244, 68.7892

Rectangle

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



157.3800, -46.5293, 37.3777



148.3980, -30.7622, -26.6590



128.8600, 62.1870, -113.0102



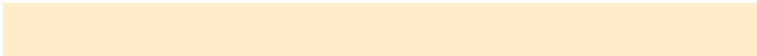
165.8400, 33.1099, 20.3113

Sweetspot

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



157.3800, -46.5293, 37.3777



238.2780, -18.3781, 14.6652



109.4350, 0.7715, 79.4255



117.8950, -10.7942, 8.8621



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.



157.3800, -46.5293, 37.3777



190.0840, -71.0334, 56.9313



178.1030, -56.7458, 0.7867



96.2130, -3.0630, 2.4442



112.1330, -55.2816, 44.6104



24.8520, -12.2520, 9.7768

Inverse Universe

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



105.6200, 46.5293, -37.3777



110.9160, 71.0334, -56.9313



84.8970, 56.7458, -0.7867



92.7870, 3.0630, -2.4442



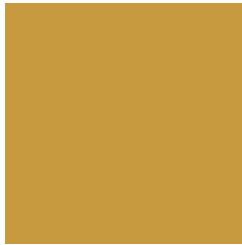
50.8670, 55.2816, -44.6104



11.1480, 12.2520, -9.7768

Previews

White Background



This preview shows how the YUV color 157.3800, -46.5293, 37.3777 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 157.3800, -46.5293, 37.3777 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 157.3800, -46.5293, 37.3777

Background



This preview shows how black text looks on a background with the YUV color 157.3800, -46.5293, 37.3777.



This preview shows how white text looks on a background with the YUV color 157.3800, -46.5293, 37.3777.

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

157.3800, -46.5293, 37.3777

Protanopia

156.3240, -45.0227, 20.7639

Deuteranopia

157.6790, -46.6767, 37.9925



Tritanopia

164.0910, -4.4819, 37.6312

Trichromacy



Original Color

157.3800, -46.5293, 37.3777

Protanomaly

156.5420, -45.6232, 26.7117

Deuteranomaly

157.6790, -46.6767, 37.9925

Tritanomaly

161.7800, -19.6115, 37.0269

Monochromacy



Original Color

157.3800, -46.5293, 37.3777

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.3210, -16.9203, 13.7505

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.3800, -46.5293, 37.3777 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(200, 154, 63)` looks like.

```
.text, #text, p{  
    color:rgb(200, 154, 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(200, 154, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 154, 63) }
```

Border

The CSS property to change the border of an element to YUV 157.3800, -46.5293, 37.3777 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(200, 154, 63) }
```


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

```
.border{ border-color:rgb(200, 154, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 154, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 154, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 154, 63);  
box-shadow:4px 4px 4px 4px rgb(200, 154,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 157.3800, -46.5293, 37.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 154, 63) }
```

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

```
.background{ background-color: rgb(200,  
154, 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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