

Converting Colors

YUV(184.5450, -33.2997,
40.7410)

Have a look what the booklet for
YUV(184.5450, -33.2997, 40.7410)
contains.

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Color

**YUV(184.5450, -33.2997,
40.7410)**

Conversions

Conversions Part 1

Format	Color
Hex	E7AE75
RGB	231, 174, 117
RGB Percent	91%, 68%, 46%
CMY	0.0941, 0.3176, 0.5412
CMYK	0.00, 0.25, 0.49, 0.09
HSL	30°, 70%, 68%
HSV	30°, 49%, 91%
XYZ	51.3019, 48.5454, 23.4959
YIQ	184.5450, 52.2690, -5.6430

Conversions

Conversions Part 2

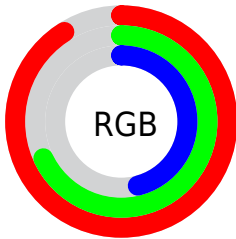
Format	Color
R _Y B	231, 231, 117
Decimal	15183477
CIE Lab	75.17, 14.14, 37.22
CIE LCh	75, 39.818, 69.205
Yxy	48.5454, 0.4159, 0.3936
Android (android.graphics.Color)	4293373557 (0xFFE7AE75)
YUV	184.5450, -33.2997, 40.7410
Hunter-Lab	69.6745, 9.5007, 28.7782

Details

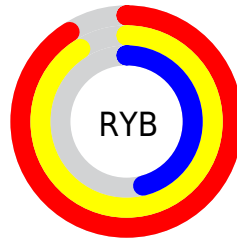
The YUV color **184.5450, -33.2997, 40.7410** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **163.4550, 33.2997, -40.7410**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.0480, -29.6037, 21.8829**, and **130.9790, -31.5416, 36.8524** is the 20% darker color. If you saturate the color by 10%, you get **174.8790, -39.8733, 49.2181**, and if you desaturate by 10%, it is **194.2110, -26.7260, 32.2640**.

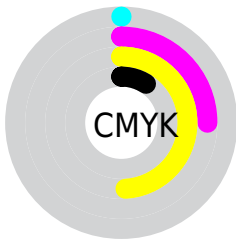
Distribution



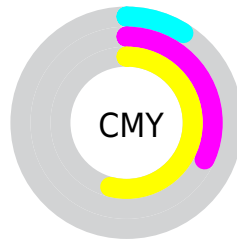
- Red (91%)
- Green (68%)
- Blue (46%)



- Red (91%)
- Yellow (91%)
- Blue (46%)



- Cyan (0%)
- Magenta (25%)
- Yellow (49%)
- Black (9%)



- Cyan (9%)
- Magenta (32%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.5450, -33.2997, 40.7410 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 184.5450, -33.2997, 40.7410 by changing the saturation by 10% instead.

184.5450,
-33.2997, 40.7410

184.5450,
-33.2997, 40.7410

255.0000, 0.0000,
0.0000

157.1750,
-32.1313, 39.3115

230.0480,
-29.6037, 21.8829

130.9790,
-31.5416, 36.8524

248.3880,
-25.3343, 5.7987

105.3100,
-30.2258, 34.8081

251.6940,
-12.6671, 2.8994

80.1140, -29.6362,
32.3490

254.8860, -0.4368,
0.1000

56.2600, -27.7362,
29.5900

36.1590, -17.8264,
24.4166

15.7700, -7.7746,

20.3727

■ 0.0000, 0.0000,
0.0000

■ 184.5450,
-33.2997, 40.7410

■ 184.5450,
-33.2997, 40.7410

■ 174.8790,
-39.8733, 49.2181

■ 194.2110,
-26.7260, 32.2640

■ 165.8000,
-46.7364, 57.1804

■ 203.2900,
-19.8630, 24.3017

■ 156.1340,
-53.3101, 65.6575

■ 212.9560,
-13.2893, 15.8246

■ 147.0550,
-60.1731, 73.6198

■ 222.0350, -6.4263,
7.8623

■ 137.3890,
-66.7468, 82.0968

■ 231.8150, 0.5842,
-0.7148

■ 137.1610,
-67.6204, 82.2968

■ 240.7800, 7.0105,
-8.5771

■ 247.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



186.4020, -22.8762, 57.5294



184.5450, -33.2997, 40.7410



181.7390, -34.3813, 14.2609

Triad

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



184.5450, -33.2997, 40.7410



160.9180, 17.2954, -87.6281



188.9610, 26.1482, 13.1892

Complementary

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



184.5450, -33.2997, 40.7410



163.4550, 33.2997, -40.7410

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.



182.8140, 35.5877, -27.9009



184.5450, -33.2997, 40.7410



154.0520, 37.4424, -109.6706

Square

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



184.5450, -33.2997, 40.7410



170.9600, -6.3893, -50.8309



169.9070, 40.9648, -72.7094



189.8480, 10.9209, 43.9833

Rectangle

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



184.5450, -33.2997, 40.7410



178.9860, -29.0801, -6.1267



169.9070, 40.9648, -72.7094



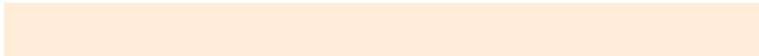
187.9100, 30.1174, 0.0789

Sweetspot

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



184.5450, -33.2997, 40.7410



239.5150, -11.0999, 13.5803



157.5840, 8.0931, 64.3858



118.3340, -6.5737, 8.4771



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.



184.5450, -33.2997, 40.7410



193.8750, -43.8154, 53.6066



218.0040, -49.7950, 11.3975



110.1100, -3.5052, 4.2885



105.7640, -52.1417, 64.2280



30.5110, -15.0419, 17.9689

Inverse Universe

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



163.4550, 33.2997, -40.7410



166.1250, 43.8154, -53.6066



129.9960, 49.7950, -11.3975



107.8900, 3.5052, -4.2885



72.6490, 52.4310, -63.7132



21.0760, 14.7525, -18.4837

Previews

White Background



This preview shows how the YUV color 184.5450, -33.2997, 40.7410 looks on a white background.

Color Contrast Check

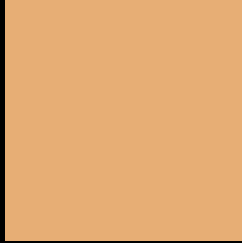
Large Text (above 18pt) WCAG AA × Fail

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 184.5450, -33.2997, 40.7410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

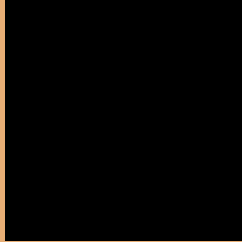
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 184.5450, -33.2997, 40.7410

Background



This preview shows how black text looks on a background with the YUV color 184.5450, -33.2997, 40.7410.



This preview shows how white text looks on a background with the YUV color 184.5450, -33.2997, 40.7410.

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

184.5450, -33.2997, 40.7410

Protanopia

182.4880, -30.3136, 16.2350

Deuteranopia

184.0990, -33.5728, 34.9932



Tritanopia

188.4120, -4.6401, 41.7347

Trichromacy



Original Color

184.5450, -33.2997, 40.7410

Protanomaly

183.3150, -31.2143, 25.1567

Deuteranomaly

184.4090, -33.7256, 37.3523

Tritanomaly

186.9530, -15.2598, 41.2602

Monochromacy



Original Color

184.5450, -33.2997, 40.7410

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

184.8850, -12.2683, 15.0099

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.5450, -33.2997, 40.7410 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(231, 174, 117)` looks like.

```
.text, #text, p{  
    color:rgb(231, 174, 117)  
}
```

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(231, 174, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 174, 117) }
```

Border

The CSS property to change the border of an element to YUV 184.5450, -33.2997, 40.7410 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(231, 174, 117) }
```


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

```
.border{ border-color:rgb(231, 174, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 174, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 174, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 174, 117);  
box-shadow:4px 4px 4px 4px rgb(231, 174,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 184.5450, -33.2997, 40.7410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 174, 117) }
```

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

```
.background{ background-color: rgb(231,  
174, 117) }
```

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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