

Converting Colors

YUV(140.8290, -33.9327,
57.1550)

Have a look what the booklet for
YUV(140.8290, -33.9327, 57.1550)
contains.

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Color

**YUV(140.8290, -33.9327,
57.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	CE7948
RGB	206, 121, 72
RGB Percent	81%, 47%, 28%
CMY	0.1922, 0.5255, 0.7176
CMYK	0.00, 0.41, 0.65, 0.19
HSL	22°, 58%, 55%
HSV	22°, 65%, 81%
XYZ	33.4607, 27.2644, 9.6299
YIQ	140.8290, 66.3890, 2.7810

Conversions

Conversions Part 2

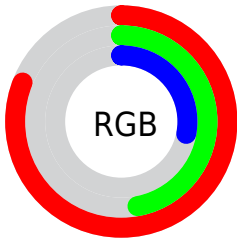
Format	Color
RYB	206, 149, 72
Decimal	13531464
CIELab	59.22, 28.83, 40.58
CIELCh	59, 49.779, 54.605
Yxy	27.2644, 0.4756, 0.3875
Android (android.graphics.Color)	4291721544 (0xFFCE7948)
YUV	140.8290, -33.9327, 57.1550
Hunter-Lab	52.2154, 23.0096, 25.6161

Details

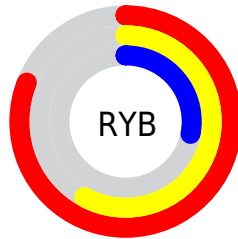
The YUV color **140.8290, -33.9327, 57.1550** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **137.1710, 33.9327, -57.1550**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.2910, -34.6535, 54.9958**, and **88.4800, -31.2956, 51.3220** is the 20% darker color. If you saturate the color by 10%, you get **130.8040, -39.3434, 65.9469**, and if you desaturate by 10%, it is **150.8540, -28.5220, 48.3630**.

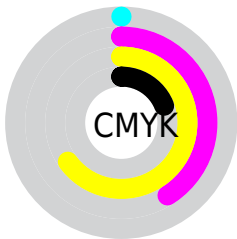
Distribution



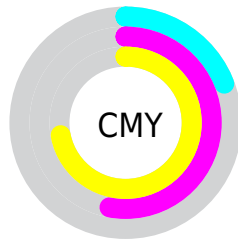
- Red (81%)
- Green (47%)
- Blue (28%)



- Red (81%)
- Yellow (58%)
- Blue (28%)



- Cyan (0%)
- Magenta (41%)
- Yellow (65%)
- Black (19%)



- Cyan (19%)
- Magenta (53%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.8290, -33.9327, 57.1550 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 140.8290, -33.9327, 57.1550 by changing the saturation by 10% instead.

■ 140.8290,
-33.9327, 57.1550

■ 140.8290,
-33.9327, 57.1550

■ 255.0000, 0.0000,
0.0000

■ 114.4480,
-32.7589, 53.9811

■ 192.2910,
-34.6535, 54.9958

■ 88.4800, -31.2956,
51.3220

■ 211.6910,
-31.3997, 37.9820

■ 62.8710, -30.9954,
48.3481

■ 231.2050,
-27.7091, 20.8682

■ 40.9980, -20.2120,
42.9748

■ 249.0720,
-22.7135, 5.1989

■ 18.5380, -9.1392,
38.1162

■ 252.2640,
-10.4832, 2.3995

■ 11.7750, -5.3121,
23.8763

■ 0.0000, 0.0000,

0.0000

■ 140.8290,
-33.9327, 57.1550

■ 140.8290,
-33.9327, 57.1550

■ 130.8040,
-39.3434, 65.9469

■ 150.8540,
-28.5220, 48.3630

■ 120.8930,
-44.3172, 74.6388

■ 160.7650,
-23.5481, 39.6711

■ 110.8680,
-49.7279, 83.4308

■ 170.7900,
-18.1375, 30.8792

■ 105.6190,
-52.0702, 88.0341

■ 180.7010,
-13.1636, 22.1872

■ 190.7260, -7.7529,
13.3953

■ 200.7510, -2.3422,
4.6034

■ 210.6620, 2.6316,
-4.0886

■ 221.2740, 7.7529,
-13.3953

■ 230.9570, 11.8532,
-21.8873

Harmonies

Analogous

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



141.9120, -16.2256, 71.1142



140.8290, -33.9327, 57.1550



138.8460, -43.3081, 30.8301

Triad

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



140.8290, -33.9327, 57.1550



111.4300, 10.6340, -97.7241



143.4340, 38.7330, -10.0276

Complementary

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



140.8290, -33.9327, 57.1550



137.1710, 33.9327, -57.1550

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.



114.1560, 56.6181, -100.1148



140.8290, -33.9327, 57.1550



116.5600, 30.2899, -102.2231

Square

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



140.8290, -33.9327, 57.1550



126.6160, -18.0517, -43.5132



118.2020, 46.7354, -103.6632



147.3060, 23.0201, 36.5656

Rectangle

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



140.8290, -33.9327, 57.1550



136.2840, -41.0590, 9.3979



118.2020, 46.7354, -103.6632



139.4530, 43.1607, -30.2153

Sweetspot

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



140.8290, -33.9327, 57.1550



230.4020, -13.0162, 21.5724



121.9840, 18.2489, 73.6820



112.7260, -7.7529, 13.3953



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.



140.8290, -33.9327, 57.1550



158.3520, -50.4595, 84.7603



178.9840, -52.7431, 23.6930



97.3380, -2.6316, 4.0886



85.4410, -42.1224, 70.6502



19.5800, -9.6529, 16.1543

Inverse Universe

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



137.1710, 33.9327, -57.1550



152.6480, 50.4595, -84.7603



99.0160, 52.7431, -23.6930



96.6620, 2.6316, -4.0886



80.5590, 42.1224, -70.6502



18.4200, 9.6529, -16.1543

Previews

White Background



This preview shows how the YUV color 140.8290, -33.9327, 57.1550 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 140.8290, -33.9327, 57.1550 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 140.8290, -33.9327, 57.1550

Background



This preview shows how black text looks on a background with the YUV color 140.8290, -33.9327, 57.1550.



This preview shows how white text looks on a background with the YUV color 140.8290, -33.9327, 57.1550.

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

140.8290, -33.9327, 57.1550

Protanopia

139.8900, -30.0188, 15.0055

Deuteranopia

140.3220, -35.1617, 31.2896



Tritanopia

144.0180, -10.3619, 56.9892

Trichromacy



Original Color

140.8290, -33.9327, 57.1550

Protanomaly

140.2340, -31.6674, 30.4898

Deuteranomaly

140.7900, -34.8995, 40.5262

Tritanomaly

142.7270, -19.0924, 57.2444

Monochromacy



Original Color

140.8290, -33.9327, 57.1550

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.2170, -12.4320, 20.8577

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8290, -33.9327, 57.1550 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(206, 121, 72)` looks like.

```
.text, #text, p{  
    color:rgb(206, 121, 72)  
}
```

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(206, 121, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 121, 72) }
```

Border

The CSS property to change the border of an element to YUV 140.8290, -33.9327, 57.1550 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(206, 121, 72) }
```


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

```
.border{ border-color:rgb(206, 121, 72) }
```

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

Here you see how a box with a 4 pixel rgb(206, 121, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 121, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 121, 72);  
box-shadow:4px 4px 4px 4px rgb(206, 121,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 140.8290, -33.9327, 57.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 121, 72) }
```

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

```
.background{ background-color: rgb(206,  
121, 72) }
```

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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