

Converting Colors

YUV(175.2050, -57.7821,
53.3172)

Have a look what the booklet for
YUV(175.2050, -57.7821, 53.3172)
contains.

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Color

**YUV(175.2050, -57.7821,
53.3172)**

Conversions

Conversions Part 1

Format	Color
Hex	ECA73A
RGB	236, 167, 58
RGB Percent	93%, 65%, 23%
CMY	0.0745, 0.3451, 0.7725
CMYK	0.00, 0.29, 0.75, 0.07
HSL	37°, 82%, 58%
HSV	37°, 75%, 93%
XYZ	49.1745, 45.7758, 10.2468
YIQ	175.2050, 76.1130, -19.2710

Conversions

Conversions Part 2

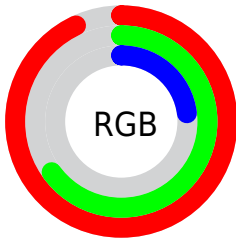
Format	Color
RYB	171, 236, 58
Decimal	15509306
CIELab	73.40, 16.05, 63.17
CIELCh	73, 65.173, 75.744
Yxy	45.7758, 0.4675, 0.4351
Android (android.graphics.Color)	4293699386 (0xFFECA73A)
YUV	175.2050, -57.7821, 53.3172
Hunter-Lab	67.6578, 11.3348, 38.3810

Details

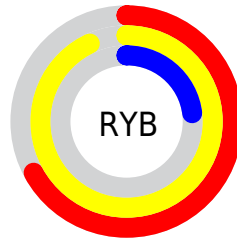
The YUV color **175.2050, -57.7821, 53.3172** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **118.7950, 57.7821, -53.3172**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.3270, -52.9122, 31.2852**, and **119.8300, -59.0762, 48.3841** is the 20% darker color. If you saturate the color by 10%, you get **167.1860, -65.6607, 60.3499**, and if you desaturate by 10%, it is **183.2240, -49.9034, 46.2846**.

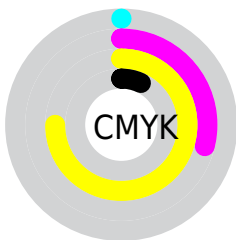
Distribution



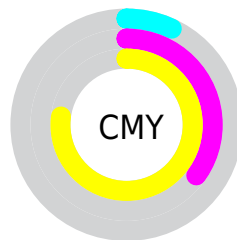
- Red (93%)
- Green (65%)
- Blue (23%)



- Red (67%)
- Yellow (93%)
- Blue (23%)



- Cyan (0%)
- Magenta (29%)
- Yellow (75%)
- Black (7%)



- Cyan (7%)
- Magenta (35%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.2050, -57.7821, 53.3172 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 175.2050, -57.7821, 53.3172 by changing the saturation by 10% instead.

175.2050,
-57.7821, 53.3172

175.2050,
-57.7821, 53.3172

255.0000, 0.0000,
0.0000

147.2540,
-58.7922, 50.6432

219.3270,
-52.9122, 31.2852

119.8300,
-59.0762, 48.3841

239.4280,
-49.5110, 13.6566

97.0710, -47.8560,
42.9107

244.9680,
-38.4382, 8.7981

74.3120, -36.6358,
37.4374

248.1600,
-26.2079, 5.9987

52.7270, -25.9944,
30.9344

251.4660,
-13.5407, 3.0993

32.3270, -15.9372,
25.1462

254.7720, -0.8736,

11.0630, -5.4541,

0.2000

22.7467

■ 0.0000, 0.0000,
0.0000

■ 175.2050,
-57.7821, 53.3172

■ 175.2050,
-57.7821, 53.3172

■ 167.1860,
-65.6607, 60.3499

■ 183.2240,
-49.9034, 46.2846

■ 159.2810,
-73.1025, 67.2826

■ 191.1290,
-42.4616, 39.3519

■ 155.6790,
-76.7497, 70.4415

■ 199.1480,
-34.5830, 32.3192

■ 207.6400,
-27.4305, 24.8717

■ 215.6590,
-19.5519, 17.8391

■ 223.6780,
-11.6733, 10.8064

■ 231.5830, -4.2314,
3.8737

■ 239.6020, 3.6472,
-3.1590

■ 245.7970, 4.5371,
-8.5920

Harmonies

Analogous

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



171.2440, -36.6023, 73.4540



175.2050, -57.7821, 53.3172



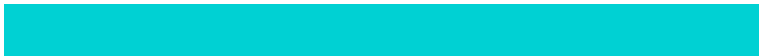
170.4570, -56.9203, 10.1232

Triad

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



175.2050, -57.7821, 53.3172



146.7370, 31.6817, -128.6883



184.6830, 34.6663, 34.4810

Complementary

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



175.2050, -57.7821, 53.3172



118.7950, 57.7821, -53.3172

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.



170.6540, 41.5826, -37.4076



175.2050, -57.7821, 53.3172



149.9920, 51.7689, -131.5430

Square

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



175.2050, -57.7821, 53.3172



138.4950, 5.1790, -121.4601



143.5350, 54.9522, -125.8802



176.6090, 16.9548, 68.7489

Rectangle

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



175.2050, -57.7821, 53.3172



165.9780, -43.8662, -23.6597



143.5350, 54.9522, -125.8802



182.1920, 35.8943, 13.8636

Sweetspot

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



175.2050, -57.7821, 53.3172



234.7730, -19.1151, 17.7391



119.3160, 4.7742, 102.3319



115.6780, -11.6733, 10.8064



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.



175.2050, -57.7821, 53.3172



175.7220, -75.2919, 69.5268



210.3260, -75.0967, 6.7301



113.3980, -3.6472, 3.1590



119.2760, -58.8031, 54.1319



35.5170, -17.5099, 16.2096

Inverse Universe

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



118.7950, 57.7821, -53.3172



102.2780, 75.2919, -69.5268



83.6740, 75.0967, -6.7301



109.6020, 3.6472, -3.1590



61.7240, 58.8031, -54.1319



18.4830, 17.5099, -16.2096

Previews

White Background



This preview shows how the YUV color 175.2050, -57.7821, 53.3172 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 175.2050, -57.7821, 53.3172 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 175.2050, -57.7821, 53.3172 Background



This preview shows how black text looks on a background with the YUV color 175.2050, -57.7821, 53.3172.



This preview shows how white text looks on a background with the YUV color 175.2050, -57.7821, 53.3172.

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

175.2050, -57.7821, 53.3172

Protanopia

173.7130, -55.0745, 24.8077

Deuteranopia

174.3350, -58.3392, 45.3102



Tritanopia

183.3810, -7.5828, 52.2859

Trichromacy



Original Color

175.2050, -57.7821, 53.3172

Protanomaly

174.2520, -55.8332, 34.8590

Deuteranomaly

175.0580, -58.2026, 48.1841

Tritanomaly

180.2720, -25.7701, 52.3815

Monochromacy



Original Color

175.2050, -57.7821, 53.3172

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.9150, -21.1571, 19.3685

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.2050, -57.7821, 53.3172 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(236, 167, 58)` looks like.

```
.text, #text, p{  
    color:rgb(236, 167, 58)  
}
```

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(236, 167, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 167, 58) }
```

Border

The CSS property to change the border of an element to YUV 175.2050, -57.7821, 53.3172 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(236, 167, 58) }
```


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

```
.border{ border-color:rgb(236, 167, 58) }
```

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

Here you see how a box with a 4 pixel rgb(236, 167, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 167, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 167, 58);  
box-shadow:4px 4px 4px 4px rgb(236, 167,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 175.2050, -57.7821, 53.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 167, 58) }
```

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

```
.background{ background-color: rgb(236,  
167, 58) }
```

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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