

Converting Colors

YUV(158.2070, -50.8811,
33.1445)

Have a look what the booklet for
YUV(158.2070, -50.8811, 33.1445)
contains.

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Color

**YUV(158.2070, -50.8811,
33.1445)**

Conversions

Conversions Part 1

Format	Color
Hex	C49F37
RGB	196, 159, 55
RGB Percent	77%, 62%, 22%
CMY	0.2314, 0.3765, 0.7843
CMYK	0.00, 0.19, 0.72, 0.23
HSL	44°, 56%, 49%
HSV	44°, 72%, 77%
XYZ	35.8527, 36.8079, 8.8294
YIQ	158.2070, 55.4360, -24.5000

Conversions

Conversions Part 2

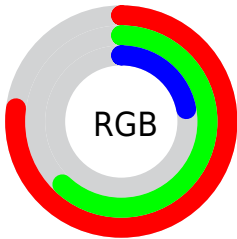
Format	Color
RYB	105, 196, 55
Decimal	12885815
CIELab	67.13, 2.94, 56.76
CIELCh	67, 56.841, 87.036
Yxy	36.8079, 0.4400, 0.4517
Android (android.graphics.Color)	4291075895 (0xFFC49F37)
YUV	158.2070, -50.8811, 33.1445
Hunter-Lab	60.6695, -0.6869, 33.8400

Details

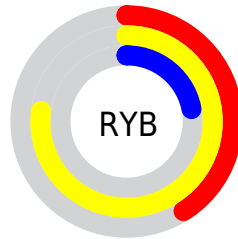
The YUV color **158.2070, -50.8811, 33.1445** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **92.7930, 50.8811, -33.1445**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5880, -52.0549, 36.3183**, and **104.6580, -51.5964, 29.2409** is the 20% darker color. If you saturate the color by 10%, you get **152.9920, -58.1701, 37.7180**, and if you desaturate by 10%, it is **163.4220, -43.5920, 28.5709**.

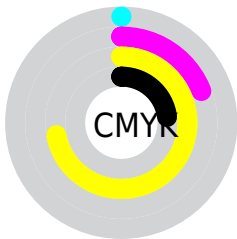
Distribution



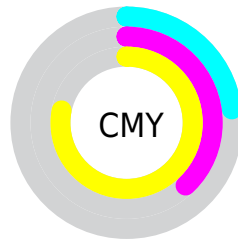
- Red (77%)
- Green (62%)
- Blue (22%)



- Red (41%)
- Yellow (77%)
- Blue (22%)



- Cyan (0%)
- Magenta (19%)
- Yellow (72%)
- Black (23%)



- Cyan (23%)
- Magenta (38%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.2070, -50.8811, 33.1445 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 158.2070, -50.8811, 33.1445 by changing the saturation by 10% instead.

■ 158.2070,
-50.8811, 33.1445

■ 158.2070,
-50.8811, 33.1445

■ 255.0000, 0.0000,
0.0000

■ 130.9680,
-51.7492, 31.6001

■ 213.5880,
-52.0549, 36.3183

■ 104.6580,
-51.5964, 29.2409

■ 233.6890,
-48.6537, 18.6897

■ 82.1980, -40.5236,
24.3824

■ 244.3980,
-40.6222, 9.2980

■ 60.6240, -29.8876,
19.6238

■ 247.5900,
-28.3919, 6.4986

■ 40.5230, -19.9778,
14.4503

■ 250.7820,
-16.1615, 3.6992

■ 21.3080, -10.5048,
9.3769

■ 254.2020, -3.0576,

■ 0.0000, 0.0000,

0.6998

0.0000

■ 158.2070,
-50.8811, 33.1445

■ 158.2070,
-50.8811, 33.1445

■ 152.9920,
-58.1701, 37.7180

■ 163.4220,
-43.5920, 28.5709

■ 147.8910,
-65.0223, 42.1916

■ 168.5230,
-36.7398, 24.0973

■ 143.7190,
-70.8535, 45.8504

■ 173.7380,
-29.4508, 19.5238

■ 179.4260,
-22.8880, 14.5354

■ 184.6410,
-15.5990, 9.9618

■ 189.8560, -8.3100,
5.3883

■ 194.9570, -1.4578,
0.9147

■ 200.1720, 5.8312,
-3.6588

■ 205.2730, 12.6834,
-8.1324

Harmonies

Analogous

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



161.3370, -41.0851, 64.6025



158.2070, -50.8811, 33.1445



153.3160, -43.0468, -6.4161

Triad

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



158.2070, -50.8811, 33.1445



134.0680, 36.4485, -117.5776



168.0560, 25.6084, 46.4319

Complementary

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



158.2070, -50.8811, 33.1445



92.7930, 50.8811, -33.1445

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.



165.2370, 44.2532, -7.2238



158.2070, -50.8811, 33.1445



135.6930, 55.3674, -119.0028

Square

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



158.2070, -50.8811, 33.1445



128.1400, 13.7350, -112.3788



129.4470, 61.8976, -113.5250



164.4070, 3.2503, 77.6961

Rectangle

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



158.2070, -50.8811, 33.1445



147.6030, -28.3983, -38.2398



129.4470, 61.8976, -113.5250



168.6780, 32.2037, 30.9774

Sweetspot

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



158.2070, -50.8811, 33.1445



239.8110, -20.1198, 13.3208



101.4910, -4.1861, 82.8844



118.8410, -12.2466, 8.0324



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.



158.2070, -50.8811, 33.1445



195.9880, -78.8741, 51.7535



170.0590, -56.7241, -6.1907



94.0990, -3.4998, 2.5442



117.4050, -57.8807, 38.2328



23.9550, -11.8098, 7.9325

Inverse Universe

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



92.7930, 50.8811, -33.1445



94.4250, 79.1635, -51.2387



80.9410, 56.7241, 6.1907



89.9010, 3.4998, -2.5442



43.0080, 58.1701, -37.7180



9.0450, 11.8098, -7.9325

Previews

White Background



This preview shows how the YUV color 158.2070, -50.8811, 33.1445 looks on a white background.

Color Contrast Check

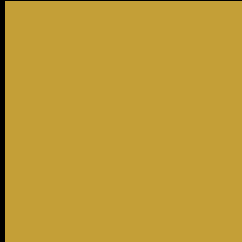
Large Text (above 18pt) WCAG AA × Fail

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 158.2070, -50.8811, 33.1445 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 158.2070, -50.8811, 33.1445

Background



This preview shows how black text looks on a background with the YUV color 158.2070, -50.8811, 33.1445.



This preview shows how white text looks on a background with the YUV color 158.2070, -50.8811, 33.1445.

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

158.2070, -50.8811, 33.1445

Protanopia

157.3690, -49.9749, 22.4784

Deuteranopia

158.3650, -50.4659, 40.0219



Tritanopia

166.6990, -3.3026, 32.7130

Trichromacy



Original Color

158.2070, -50.8811, 33.1445

Protanomaly

157.6900, -50.1332, 26.5819

Deuteranomaly

158.0550, -50.3131, 37.6628

Tritanomaly

163.8180, -20.6163, 32.6086

Monochromacy



Original Color

158.2070, -50.8811, 33.1445

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.9680, -18.2252, 12.3061

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.2070, -50.8811, 33.1445 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(196, 159, 55)` looks like.

```
.text, #text, p{  
    color:rgb(196, 159, 55)  
}
```

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(196, 159, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 159, 55) }
```

Border

The CSS property to change the border of an element to YUV 158.2070, -50.8811, 33.1445 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(196, 159, 55) }
```


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

```
.border{ border-color:rgb(196, 159, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 159, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 159, 55); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 159, 55); box-shadow:4px 4px 4px 4px rgb(196, 159, 55) }
```

Background

The CSS property to change the background color of an element to YUV 158.2070, -50.8811, 33.1445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 159, 55) }
```

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

```
.background{ background-color: rgb(196,  
159, 55) }
```

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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