

Converting Colors

YUV(151.5050, -46.0980,
39.0221)

Have a look what the booklet for
YUV(151.5050, -46.0980, 39.0221)
contains.

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Color

**YUV(151.5050, -46.0980,
39.0221)**

Conversions

Conversions Part 1

Format	Color
Hex	C4933A
RGB	196, 147, 58
RGB Percent	77%, 58%, 23%
CMY	0.2314, 0.4235, 0.7725
CMYK	0.00, 0.25, 0.70, 0.23
HSL	39°, 54%, 50%
HSV	39°, 70%, 77%
XYZ	33.9624, 32.9087, 8.5650
YIQ	151.5050, 57.7730, -17.2910

Conversions

Conversions Part 2

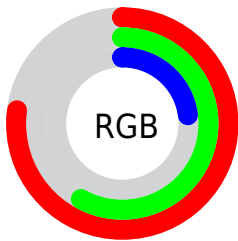
Format	Color
RYB	134, 196, 58
Decimal	12882746
CIELab	64.09, 9.60, 52.39
CIELCh	64, 53.259, 79.612
Yxy	32.9087, 0.4502, 0.4362
Android (android.graphics.Color)	4291072826 (0xFFC4933A)
YUV	151.5050, -46.0980, 39.0221
Hunter-Lab	57.3661, 5.2865, 31.3040

Details

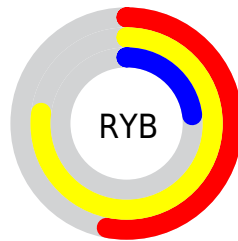
The YUV color **151.5050, -46.0980, 39.0221** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **102.4950, 46.0980, -39.0221**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.7720, -47.7086, 42.2960**, and **98.2010, -48.4131, 34.9037** is the 20% darker color. If you saturate the color by 10%, you get **145.1160, -52.8082, 44.6253**, and if you desaturate by 10%, it is **157.8940, -39.3877, 33.4190**.

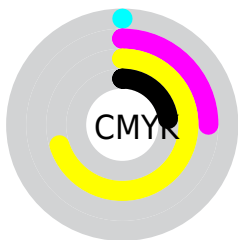
Distribution



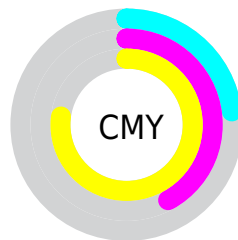
- Red (77%)
- Green (58%)
- Blue (23%)



- Red (53%)
- Yellow (77%)
- Blue (23%)



- Cyan (0%)
- Magenta (25%)
- Yellow (70%)
- Black (23%)



- Cyan (23%)
- Magenta (42%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.5050, -46.0980, 39.0221 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 151.5050, -46.0980, 39.0221 by changing the saturation by 10% instead.

■ 151.5050,
-46.0980, 39.0221

■ 151.5050,
-46.0980, 39.0221

■ 255.0000, 0.0000,
0.0000

■ 124.4940,
-46.0925, 37.2778

■ 206.7720,
-47.7086, 42.2960

■ 98.2010, -48.4131,
34.9037

■ 226.1720,
-44.4548, 25.2822

■ 75.7410, -37.3403,
30.0451

■ 244.5120,
-40.1854, 9.1980

■ 54.7540, -26.9937,
24.7717

■ 247.7040,
-27.9551, 6.3986

■ 34.3540, -16.9365,
18.9835

■ 250.8960,
-15.7247, 3.5992

■ 13.6770, -6.7428,
16.0693

■ 254.2020, -3.0576,

■ 0.0000, 0.0000,

0.6998

0.0000

■ 151.5050,
-46.0980, 39.0221

■ 151.5050,
-46.0980, 39.0221

■ 145.1160,
-52.8082, 44.6253

■ 157.8940,
-39.3877, 33.4190

■ 138.8410,
-59.0816, 50.1284

■ 164.1690,
-33.1143, 27.9158

■ 132.5660,
-65.3550, 55.6316

■ 170.5580,
-26.4041, 22.3126

■ 176.8330,
-20.1307, 16.8095

■ 183.2220,
-13.4204, 11.2063

■ 189.6110, -6.7102,
5.6032

■ 195.8860, -0.4368,
0.1000

■ 202.2750, 6.2734,
-5.5032

■ 208.5500, 12.5468,
-11.0064

Harmonies

Analogous

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



153.7700, -34.3966, 65.9767



151.5050, -46.0980, 39.0221



147.3820, -43.0793, 4.0500

Triad

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



151.5050, -46.0980, 39.0221



126.2770, 29.4434, -110.7449



159.9510, 28.1252, 32.4920

Complementary

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



151.5050, -46.0980, 39.0221



102.4950, 46.0980, -39.0221

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.



153.9640, 44.8807, -21.8934



151.5050, -46.0980, 39.0221



128.6030, 48.5097, -112.7848

Square

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



151.5050, -46.0980, 39.0221



120.1040, 8.3297, -105.3312



125.1270, 60.5764, -109.7364



157.3070, 8.2296, 67.2598

Rectangle

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



151.5050, -46.0980, 39.0221



143.3660, -32.2254, -24.0000



125.1270, 60.5764, -109.7364



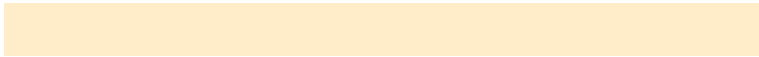
159.1600, 34.4311, 16.5227

Sweetspot

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



151.5050, -46.0980, 39.0221



237.6910, -18.0887, 15.1800



105.0760, 1.9345, 79.7403



117.3080, -10.5048, 9.3769



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.



151.5050, -46.0980, 39.0221



185.9920, -71.4811, 60.5200



174.8860, -57.6248, 2.7310



93.5120, -3.2104, 3.0590



109.1870, -53.8292, 45.4400



22.1940, -10.9416, 9.4769

Inverse Universe

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



102.4950, 46.0980, -39.0221



110.0080, 71.4811, -60.5200



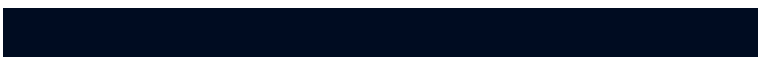
79.1140, 57.6248, -2.7310



90.4880, 3.2104, -3.0590



51.8130, 53.8292, -45.4400



10.8060, 10.9416, -9.4769

Previews

White Background



This preview shows how the YUV color 151.5050, -46.0980, 39.0221 looks on a white background.

Color Contrast Check

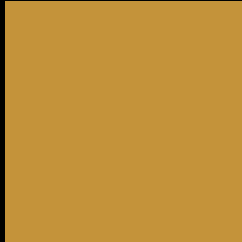
Large Text (above 18pt) WCAG AA × Fail

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 151.5050, -46.0980, 39.0221 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 151.5050, -46.0980, 39.0221 Background



This preview shows how black text looks on a background with the YUV color 151.5050, -46.0980, 39.0221.



This preview shows how white text looks on a background with the YUV color 151.5050, -46.0980,

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

151.5050, -46.0980, 39.0221

Protanopia

150.4380, -44.5859, 20.6639

Deuteranopia

151.4940, -46.0925, 37.2778



Tritanopia

158.2760, -5.0661, 38.3459

Trichromacy



Original Color

151.5050, -46.0980, 39.0221

Protanomaly

150.9550, -45.3338, 27.2265

Deuteranomaly

151.7930, -46.2399, 37.8925

Tritanomaly

155.6770, -20.0538, 38.8713

Monochromacy



Original Color

151.5050, -46.0980, 39.0221

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.7340, -16.6309, 14.2653

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.5050, -46.0980, 39.0221 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, 147, 58)` looks like.

```
.text, #text, p{  
    color:rgb(196, 147, 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(196, 147, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 147, 58) }
```

Border

The CSS property to change the border of an element to YUV 151.5050, -46.0980, 39.0221 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, 147, 58) }
```


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

```
.border{ border-color:rgb(196, 147, 58) }
```

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

Here you see how a box with a 4 pixel rgb(196, 147, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 147, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 147, 58);  
box-shadow:4px 4px 4px 4px rgb(196, 147,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 151.5050, -46.0980, 39.0221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 147, 58) }
```

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

```
.background{ background-color: rgb(196,  
147, 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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