

Converting Colors

YUV(151.1090, -48.8607,
38.4924)

Have a look what the booklet for
YUV(151.1090, -48.8607, 38.4924)
contains.

YUV(151.1090, -48.8607, 38.4924)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(151.1090, -48.8607,
38.4924)**

Conversions

Conversions Part 1

Format	Color
Hex	C39434
RGB	195, 148, 52
RGB Percent	76%, 58%, 20%
CMY	0.2353, 0.4196, 0.7961
CMYK	0.00, 0.24, 0.73, 0.24
HSL	40°, 58%, 48%
HSV	40°, 73%, 76%
XYZ	33.7154, 33.0298, 7.8472
YIQ	151.1090, 58.8280, -19.8920

Conversions

Conversions Part 2

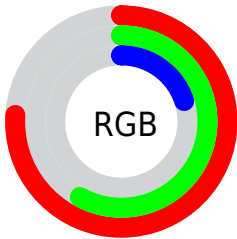
Format	Color
RYB	122, 195, 52
Decimal	12817460
CIELab	64.19, 8.32, 55.02
CIELCh	64, 55.645, 81.403
Yxy	33.0298, 0.4520, 0.4428
Android (android.graphics.Color)	4291007540 (0xFFC39434)
YUV	151.1090, -48.8607, 38.4924
Hunter-Lab	57.4716, 4.1408, 32.1346

Details

The YUV color **151.1090, -48.8607, 38.4924** 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 **95.8910, 48.8607, -38.4924**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.6750, -50.6188, 42.3810**, and **98.4890, -48.5551, 33.7741** is the 20% darker color. If you saturate the color by 10%, you get **145.3070, -55.8604, 43.5808**, and if you desaturate by 10%, it is **156.7970, -42.2979, 33.5040**.

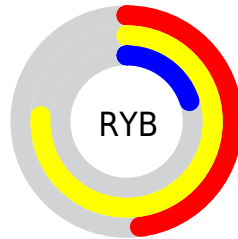
Distribution



Red (76%)

Green (58%)

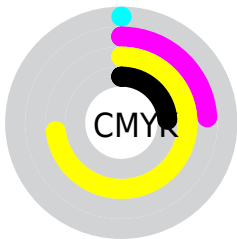
Blue (20%)



Red (48%)

Yellow (76%)

Blue (20%)

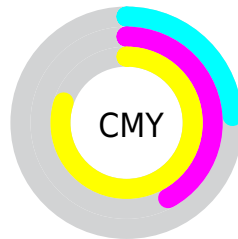


Cyan (0%)

Magenta (24%)

Yellow (73%)

Black (24%)



Cyan (24%)

Magenta (42%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.1090, -48.8607, 38.4924 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 151.1090, -48.8607, 38.4924 by changing the saturation by 10% instead.

■ 151.1090,
-48.8607, 38.4924

■ 151.1090,
-48.8607, 38.4924

■ 255.0000, 0.0000,
0.0000

■ 123.9840,
-49.2921, 36.8480

■ 206.6750,
-50.6188, 42.3810

■ 98.4890, -48.5551,
33.7741

■ 226.1890,
-46.9282, 25.2672

■ 76.0290, -37.4823,
28.9156

■ 243.9420,
-42.3694, 9.6979

■ 55.0420, -27.1357,
23.6422

■ 247.1340,
-30.1391, 6.8985

■ 34.6420, -17.0785,
17.8540

■ 250.3260,
-17.9087, 4.0991

■ 13.9650, -6.8847,
14.9397

■ 253.6320, -5.2416,

■ 0.0000, 0.0000,

1.1997

0.0000

■ 151.1090,
-48.8607, 38.4924

■ 151.1090,
-48.8607, 38.4924

■ 145.3070,
-55.8604, 43.5808

■ 156.7970,
-42.2979, 33.5040

■ 139.0320,
-62.1338, 49.0839

■ 163.1860,
-35.5877, 27.9009

■ 135.2020,
-66.6546, 52.4428

■ 168.8740,
-29.0249, 22.9125

■ 175.2630,
-22.3147, 17.3093

■ 180.9510,
-15.7518, 12.3210

■ 186.7530, -8.7522,
7.2326

■ 193.0280, -2.4788,
1.7294

■ 198.8300, 4.5208,
-3.3589

■ 205.1050, 10.7942,
-8.8621

Harmonies

Analogous

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



153.4990, -36.7280, 67.0914



151.1090, -48.8607, 38.4924



146.9040, -44.8157, 0.9612

Triad

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



151.1090, -48.8607, 38.4924



127.3200, 30.9012, -111.6596



160.3860, 28.4037, 36.4955

Complementary

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



151.1090, -48.8607, 38.4924



95.8910, 48.8607, -38.4924

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.



154.9150, 45.8909, -19.2195



151.1090, -48.8607, 38.4924



129.7600, 50.4043, -113.7995

Square

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



151.1090, -48.8607, 38.4924



120.9190, 8.9139, -106.0460



125.8110, 63.1972, -110.3362



156.8130, 7.4872, 72.0780

Rectangle

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



151.1090, -48.8607, 38.4924



142.0450, -32.0672, -28.1035



125.8110, 63.1972, -110.3362



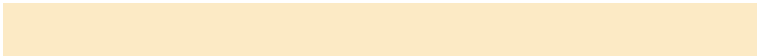
160.1820, 34.4203, 20.0114

Sweetspot

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



151.1090, -48.8607, 38.4924



235.1640, -18.8149, 14.7652



100.2290, -0.1129, 83.1142



117.6670, -11.6678, 9.0620



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.



151.1090, -48.8607, 38.4924



183.8410, -75.8436, 59.7754



171.5220, -58.9243, -0.4578



94.0990, -3.4998, 2.5442



111.5350, -54.9868, 43.3808



22.7810, -11.2310, 8.9621

Inverse Universe

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



95.8910, 48.8607, -38.4924



98.1590, 75.8436, -59.7754



75.4780, 58.9243, 0.4578



89.9010, 3.4998, -2.5442



49.4650, 54.9868, -43.3808



10.2190, 11.2310, -8.9621

Previews

White Background



This preview shows how the YUV color 151.1090, -48.8607, 38.4924 looks on a white background.

Color Contrast Check

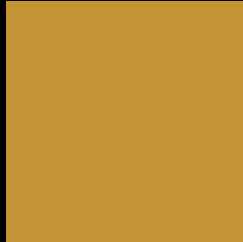
Large Text (above 18pt) WCAG AA × Fail

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 151.1090, -48.8607, 38.4924 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 151.1090, -48.8607, 38.4924 Background



This preview shows how black text looks on a background with the YUV color 151.1090, -48.8607, 38.4924.



This preview shows how white text looks on a background with the YUV color 151.1090, -48.8607,

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

151.1090, -48.8607, 38.4924

Protanopia

149.7540, -47.2067, 21.2637

Deuteranopia

151.1090, -48.8607, 38.4924



Tritanopia

158.3900, -4.6293, 38.2460

Trichromacy



Original Color

151.1090, -48.8607, 38.4924

Protanomaly

150.2710, -47.9546, 27.8263

Deuteranomaly

151.1090, -48.8607, 38.4924

Tritanomaly

155.8510, -20.6325, 37.8417

Monochromacy



Original Color

151.1090, -48.8607, 38.4924

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.0930, -17.7938, 13.9504

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.1090, -48.8607, 38.4924 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(195, 148, 52)` looks like.

```
.text, #text, p{  
    color:rgb(195, 148, 52)  
}
```

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(195, 148, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 148, 52) }
```

Border

The CSS property to change the border of an element to YUV 151.1090, -48.8607, 38.4924 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(195, 148, 52) }
```


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

```
.border{ border-color:rgb(195, 148, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 148, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 148, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 148, 52);  
box-shadow:4px 4px 4px 4px rgb(195, 148,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 151.1090, -48.8607, 38.4924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 148, 52) }
```

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

```
.background{ background-color: rgb(195,  
148, 52) }
```

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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