

Converting Colors

YUV(154.1220, -38.5141,
33.2190)

Have a look what the booklet for
YUV(154.1220, -38.5141, 33.2190)
contains.

YUV(154.1220, -38.5141, 33.2190)	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(154.1220, -38.5141,
33.2190)**

Conversions

Conversions Part 1

Format	Color
Hex	C0964C
RGB	192, 150, 76
RGB Percent	75%, 59%, 30%
CMY	0.2471, 0.4118, 0.7020
CMYK	0.00, 0.22, 0.60, 0.25
HSL	38°, 48%, 53%
HSV	38°, 60%, 75%
XYZ	33.9491, 33.5410, 11.5222
YIQ	154.1220, 48.7860, -14.1100

Conversions

Conversions Part 2

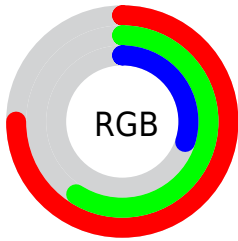
Format	Color
RYB	142, 192, 76
Decimal	12621388
CIELab	64.60, 7.36, 44.36
CIELCh	65, 44.967, 80.580
Yxy	33.5410, 0.4297, 0.4245
Android (android.graphics.Color)	4290811468 (0xFFC0964C)
YUV	154.1220, -38.5141, 33.2190
Hunter-Lab	57.9146, 3.2849, 28.7443

Details

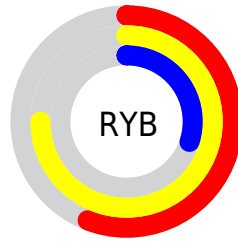
The YUV color **154.1220, -38.5141, 33.2190** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **113.8780, 38.5141, -33.2190**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2750, -40.5616, 36.5928**, and **101.4420, -37.1929, 29.4304** is the 20% darker color. If you saturate the color by 10%, you get **147.8470, -44.7876, 38.7222**, and if you desaturate by 10%, it is **160.3970, -32.2407, 27.7158**.

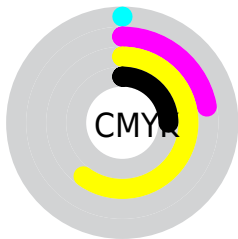
Distribution



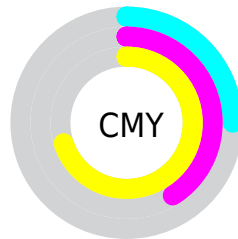
- Red (75%)
- Green (59%)
- Blue (30%)



- Red (56%)
- Yellow (75%)
- Blue (30%)



- Cyan (0%)
- Magenta (22%)
- Yellow (60%)
- Black (25%)



- Cyan (25%)
- Magenta (41%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.1220, -38.5141, 33.2190 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 154.1220, -38.5141, 33.2190 by changing the saturation by 10% instead.

■ 154.1220,
-38.5141, 33.2190

■ 154.1220,
-38.5141, 33.2190

■ 255.0000, 0.0000,
0.0000

■ 127.3390,
-37.6351, 31.2747

■ 209.2750,
-40.5616, 36.5928

■ 101.4420,
-37.1929, 29.4304

■ 229.9850,
-37.4606, 21.9382

■ 76.9040, -37.9137,
27.2712

■ 246.5640,
-32.3231, 7.3984

■ 55.6290, -27.4251,
23.1274

■ 249.7560,
-20.0927, 4.5990

■ 35.2290, -17.3679,
17.3392

■ 253.0620, -7.4256,
1.6996

■ 15.1390, -7.4635,
13.9101

■ 0.0000, 0.0000,

0.0000

■ 154.1220,
-38.5141, 33.2190

■ 154.1220,
-38.5141, 33.2190

■ 147.8470,
-44.7876, 38.7222

■ 160.3970,
-32.2407, 27.7158

■ 141.5720,
-51.0610, 44.2254

■ 166.6720,
-25.9673, 22.2127

■ 135.1830,
-57.7712, 49.8285

■ 173.0610,
-19.2571, 16.6095

■ 129.0220,
-63.6078, 55.2317

■ 179.3360,
-12.9836, 11.1063

■ 185.6110, -6.7102,
5.6032

■ 191.8860, -0.4368,
0.1000

■ 198.1610, 5.8366,
-5.4032

■ 204.5500, 12.5469,
-11.0063

■ 210.8250, 18.8203,
-16.5095

Harmonies

Analogous

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



155.9690, -29.5647, 56.1552



154.1220, -38.5141, 33.2190



150.7330, -35.3644, 2.8652

Triad

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



154.1220, -38.5141, 33.2190



124.8750, 29.1486, -109.5154



161.5500, 22.8999, 28.4587

Complementary

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



154.1220, -38.5141, 33.2190



113.8780, 38.5141, -33.2190

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.



156.9450, 37.0021, -14.8608



154.1220, -38.5141, 33.2190



126.4030, 45.1573, -110.8554

Square

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



154.1220, -38.5141, 33.2190



129.9540, 5.9387, -85.0287



139.4920, 47.0854, -75.8535



160.1440, 5.3520, 56.8787

Rectangle

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



154.1220, -38.5141, 33.2190



146.6960, -25.9791, -20.7814



139.4920, 47.0854, -75.8535



161.1400, 28.0320, 15.6632

Sweetspot

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



154.1220, -38.5141, 33.2190



235.4780, -15.0257, 12.7358



115.5860, 1.6831, 67.0151



115.9380, -9.3364, 7.9474



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



154.1220, -38.5141, 33.2190



190.3960, -60.8342, 52.2727



174.2910, -48.4575, 2.3758



93.5120, -3.2104, 3.0590



108.0130, -53.2504, 46.4696



22.1940, -10.9416, 9.4769

Inverse Universe

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



113.8780, 38.5141, -33.2190



127.1910, 60.5448, -52.7875



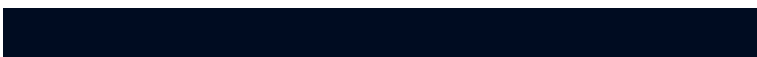
93.7090, 48.4575, -2.3758



90.4880, 3.2104, -3.0590



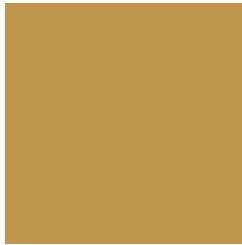
52.4000, 53.5398, -45.9548



10.8060, 10.9416, -9.4769

Previews

White Background



This preview shows how the YUV color 154.1220, -38.5141, 33.2190 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 154.1220, -38.5141, 33.2190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

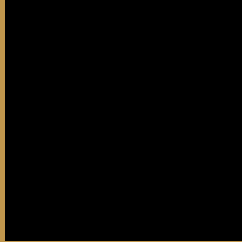
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 154.1220, -38.5141, 33.2190

Background



This preview shows how black text looks on a background with the YUV color 154.1220, -38.5141, 33.2190.



This preview shows how white text looks on a background with the YUV color 154.1220, -38.5141,

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

154.1220, -38.5141, 33.2190

Protanopia

152.7780, -36.8656, 17.7347

Deuteranopia

153.8340, -38.3722, 34.3486



Tritanopia

159.8840, -3.8868, 33.4277

Trichromacy



Original Color

154.1220, -38.5141, 33.2190

Protanomaly

152.9960, -37.4660, 23.6825

Deuteranomaly

153.8340, -38.3722, 34.3486

Tritanomaly

157.8550, -16.6905, 33.4532

Monochromacy



Original Color

154.1220, -38.5141, 33.2190

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.4070, -14.0047, 11.9211

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.1220, -38.5141, 33.2190 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(192, 150, 76)` looks like.

```
.text, #text, p{  
    color:rgb(192, 150, 76)  
}
```

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(192, 150, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 150, 76) }
```

Border

The CSS property to change the border of an element to YUV 154.1220, -38.5141, 33.2190 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(192, 150, 76) }
```


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

```
.border{ border-color:rgb(192, 150, 76) }
```

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

Here you see how a box with a 4 pixel rgb(192, 150, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 150, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 150, 76);  
box-shadow:4px 4px 4px 4px rgb(192, 150,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 154.1220, -38.5141, 33.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 150, 76) }
```

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

```
.background{ background-color: rgb(192,  
150, 76) }
```

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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