

Converting Colors

YUV(154.2510, -50.9027,
40.1219)

Have a look what the booklet for
YUV(154.2510, -50.9027, 40.1219)
contains.

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Color

**YUV(154.2510, -50.9027,
40.1219)**

Conversions

Conversions Part 1

Format	Color
Hex	C89733
RGB	200, 151, 51
RGB Percent	78%, 59%, 20%
CMY	0.2157, 0.4078, 0.8000
CMYK	0.00, 0.24, 0.75, 0.22
HSL	40°, 59%, 49%
HSV	40°, 74%, 78%
XYZ	35.4836, 34.6516, 7.9502
YIQ	154.2510, 61.3040, -20.7120

Conversions

Conversions Part 2

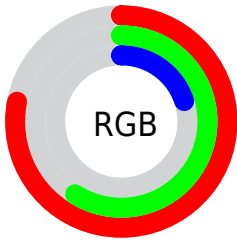
Format	Color
RYB	124, 200, 51
Decimal	13145907
CIELab	65.48, 8.83, 56.88
CIELCh	65, 57.566, 81.173
Yxy	34.6516, 0.4544, 0.4438
Android (android.graphics.Color)	4291335987 (0xFFC89733)
YUV	154.2510, -50.9027, 40.1219
Hunter-Lab	58.8656, 4.5831, 33.1984

Details

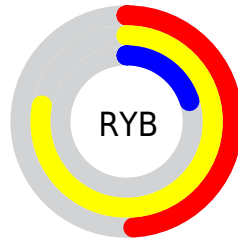
The YUV color **154.2510, -50.9027, 40.1219** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **96.7490, 50.9027, -40.1219**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.4360, -51.4869, 40.8366**, and **101.1580, -49.8709, 35.8184** is the 20% darker color. If you saturate the color by 10%, you get **147.8620, -57.6130, 45.7250**, and if you desaturate by 10%, it is **160.6400, -44.1925, 34.5187**.

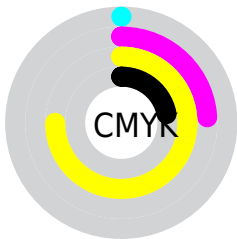
Distribution



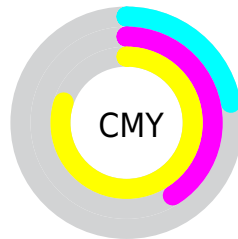
- Red (78%)
- Green (59%)
- Blue (20%)



- Red (49%)
- Yellow (78%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (75%)
- Black (22%)



- Cyan (22%)
- Magenta (41%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.2510, -50.9027, 40.1219 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 154.2510, -50.9027, 40.1219 by changing the saturation by 10% instead.

■ 154.2510,
-50.9027, 40.1219

■ 154.2510,
-50.9027, 40.1219

■ 255.0000, 0.0000,
0.0000

■ 127.0120,
-51.7709, 38.5775

■ 208.4360,
-51.4869, 40.8366

■ 101.1580,
-49.8709, 35.8184

■ 227.8360,
-48.2331, 23.8228

■ 79.2850, -39.0875,
30.4451

■ 243.9420,
-42.3694, 9.6979

■ 57.4120, -28.3041,
25.0717

■ 247.0200,
-30.5759, 6.9985

■ 37.0120, -18.2469,
19.2835

■ 250.3260,
-17.9087, 4.0991

■ 17.2100, -8.4845,
14.7248

■ 253.6320, -5.2416,

■ 0.0000, 0.0000,

1.1997

0.0000

■ 154.2510,
-50.9027, 40.1219

■ 154.2510,
-50.9027, 40.1219

■ 147.8620,
-57.6130, 45.7250

■ 160.6400,
-44.1925, 34.5187

■ 142.0600,
-64.6126, 50.8134

■ 166.4420,
-37.1929, 29.4304

■ 138.4580,
-68.2598, 53.9723

■ 172.8310,
-30.4827, 23.8272

■ 178.6330,
-23.4831, 18.7389

■ 185.0220,
-16.7728, 13.1357

■ 190.8240, -9.7732,
8.0474

■ 197.2130, -3.0630,
2.4442

■ 203.6020, 3.6472,
-3.1590

■ 209.4040, 10.6468,
-8.2473

Harmonies

Analogous

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



156.5810, -37.7544, 69.6505



154.2510, -50.9027, 40.1219



149.4480, -46.5629, 1.3611

Triad

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



154.2510, -50.9027, 40.1219



130.2380, 31.9277, -114.2187



163.7390, 29.7087, 37.9399

Complementary

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



154.2510, -50.9027, 40.1219



96.7490, 50.9027, -40.1219

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.



158.3600, 47.6435, -21.3637



154.2510, -50.9027, 40.1219



132.7920, 51.8675, -116.4586

Square

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



154.2510, -50.9027, 40.1219



123.4950, 8.6300, -108.3051



128.2730, 62.4764, -112.4954



160.3510, 8.2080, 74.2372

Rectangle

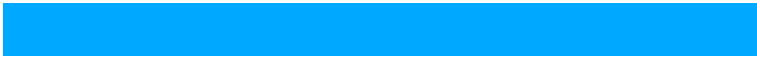
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



154.2510, -50.9027, 40.1219



144.9910, -33.5196, -28.9331



128.2730, 62.4764, -112.4954



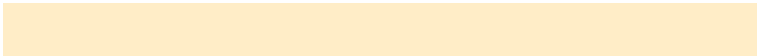
163.3500, 36.3095, 20.7411

Sweetspot

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



154.2510, -50.9027, 40.1219



238.0500, -19.2516, 14.8652



101.2510, -0.1237, 86.6029



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.



154.2510, -50.9027, 40.1219



185.0970, -77.4488, 61.3049



175.5390, -61.3977, -0.4727



96.2130, -3.0630, 2.4442



113.3070, -55.8604, 43.5808



24.8520, -12.2520, 9.7768

Inverse Universe

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



96.7490, 50.9027, -40.1219



97.9030, 77.4488, -61.3049



75.4610, 61.3977, 0.4727



92.7870, 3.0630, -2.4442



50.2800, 55.5710, -44.0956



11.1480, 12.2520, -9.7768

Previews

White Background



This preview shows how the YUV color 154.2510, -50.9027, 40.1219 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 154.2510, -50.9027, 40.1219 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 154.2510, -50.9027, 40.1219

Background



This preview shows how black text looks on a background with the YUV color 154.2510, -50.9027, 40.1219.



This preview shows how white text looks on a background with the YUV color 154.2510, -50.9027, 40.1219.

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

154.2510, -50.9027, 40.1219

Protanopia

153.1840, -49.3907, 21.7636

Deuteranopia

153.9520, -50.7553, 39.5071



Tritanopia

161.9880, -4.9241, 39.4755

Trichromacy



Original Color

154.2510, -50.9027, 40.1219

Protanomaly

153.7010, -50.1386, 28.3262

Deuteranomaly

153.9520, -50.7553, 39.5071

Tritanomaly

159.2210, -21.8010, 39.2712

Monochromacy



Original Color

154.2510, -50.9027, 40.1219

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.2780, -18.3781, 14.6652

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.2510, -50.9027, 40.1219 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(200, 151, 51)` looks like.

```
.text, #text, p{  
    color:rgb(200, 151, 51)  
}
```

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(200, 151, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 151, 51) }
```

Border

The CSS property to change the border of an element to YUV 154.2510, -50.9027, 40.1219 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(200, 151, 51) }
```


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

```
.border{ border-color:rgb(200, 151, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 151, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 151, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 151, 51);  
box-shadow:4px 4px 4px 4px rgb(200, 151,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 154.2510, -50.9027, 40.1219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 151, 51) }
```

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

```
.background{ background-color: rgb(200,  
151, 51) }
```

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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