

Converting Colors

YUV(154.5290, -52.5188,
45.1401)

Have a look what the booklet for
YUV(154.5290, -52.5188, 45.1401)
contains.

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Color

**YUV(154.5290, -52.5188,
45.1401)**

Conversions

Conversions Part 1

Format	Color
Hex	CE9530
RGB	206, 149, 48
RGB Percent	81%, 58%, 19%
CMY	0.1922, 0.4157, 0.8118
CMYK	0.00, 0.28, 0.77, 0.19
HSL	38°, 62%, 50%
HSV	38°, 77%, 81%
XYZ	36.7345, 34.8301, 7.5831
YIQ	154.5290, 66.3930, -19.3270

Conversions

Conversions Part 2

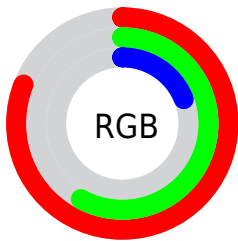
Format	Color
R _Y B	137, 206, 48
Decimal	13538608
CIE Lab	65.62, 12.41, 58.43
CIE LCh	66, 59.736, 78.006
Yxy	34.8301, 0.4641, 0.4401
Android (android.graphics.Color)	4291728688 (0xFFCE9530)
YUV	154.5290, -52.5188, 45.1401
Hunter-Lab	59.0170, 7.8257, 33.6938

Details

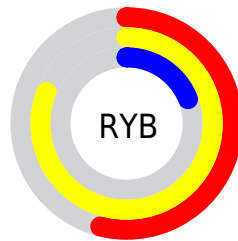
The YUV color **154.5290, -52.5188, 45.1401** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **99.4710, 52.5188, -45.1401**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.9200, -52.2186, 42.1662**, and **102.0660, -50.3185, 39.4071** is the 20% darker color. If you saturate the color by 10%, you get **148.0260, -59.6658, 50.8432**, and if you desaturate by 10%, it is **161.0320, -45.3718, 39.4369**.

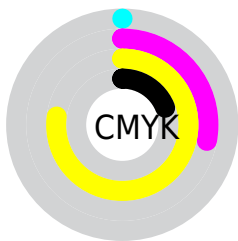
Distribution



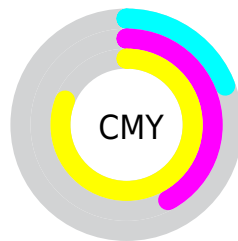
- Red (81%)
- Green (58%)
- Blue (19%)



- Red (54%)
- Yellow (81%)
- Blue (19%)



- Cyan (0%)
- Magenta (28%)
- Yellow (77%)
- Black (19%)



- Cyan (19%)
- Magenta (42%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.5290, -52.5188, 45.1401 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 154.5290, -52.5188, 45.1401 by changing the saturation by 10% instead.

■ 154.5290,
-52.5188, 45.1401

■ 154.5290,
-52.5188, 45.1401

■ 255.0000, 0.0000,
0.0000

■ 126.7630,
-54.1132, 43.1808

■ 206.9200,
-52.2186, 42.1662

■ 102.0660,
-50.3185, 39.4071

■ 226.4340,
-48.5280, 25.0524

■ 79.6060, -39.2458,
34.5485

■ 243.6000,
-43.6798, 9.9978

■ 57.4340, -28.3150,
28.5604

■ 246.7920,
-31.4495, 7.1984

■ 37.0340, -18.2578,
22.7722

■ 249.9840,
-19.2191, 4.3990

■ 17.2320, -8.4954,
18.2135

■ 253.2900, -6.5520,

■ 0.0000, 0.0000,

1.4997

0.0000

■ 154.5290,
-52.5188, 45.1401

■ 154.5290,
-52.5188, 45.1401

■ 148.0260,
-59.6658, 50.8432

■ 161.0320,
-45.3718, 39.4369

■ 141.0500,
-66.0867, 56.9611

■ 168.0080,
-38.9509, 33.3190

■ 139.0780,
-68.5655, 58.6906

■ 174.5110,
-31.8039, 27.6159

■ 181.4870,
-25.3831, 21.4979

■ 187.9900,
-18.2361, 15.7948

■ 195.0800,
-11.3784, 9.5768

■ 201.4690, -4.6682,
3.9737

■ 207.9720, 2.4788,
-1.7294

■ 214.9480, 8.8996,
-7.8474

Harmonies

Analogous

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



156.7280, -37.3339, 74.7835



154.5290, -52.5188, 45.1401



149.8570, -50.2155, 6.2644

Triad

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



154.5290, -52.5188, 45.1401



130.3690, 29.8911, -114.3336



164.0420, 33.5033, 34.1662

Complementary

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



154.5290, -52.5188, 45.1401



99.4710, 52.5188, -45.1401

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.



155.6470, 48.9810, -30.3854



154.5290, -52.5188, 45.1401



133.9660, 51.2888, -117.4882

Square

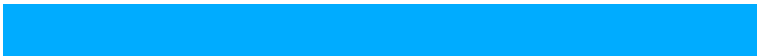
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



154.5290, -52.5188, 45.1401



123.3980, 5.7198, -108.2200



130.0340, 61.6082, -114.0398



160.7470, 10.9707, 74.7669

Rectangle

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



154.5290, -52.5188, 45.1401



145.5740, -37.7510, -25.0594



130.0340, 61.6082, -114.0398



163.5280, 39.6727, 15.3229

Sweetspot

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



154.5290, -52.5188, 45.1401



235.9470, -19.6939, 16.7095



101.8540, 2.0440, 91.3360



116.2650, -11.9626, 10.2916



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.



154.5290, -52.5188, 45.1401



178.3150, -78.0493, 67.2527



181.7090, -65.9185, 2.8862



98.5120, -3.2104, 3.0590



111.8560, -55.1450, 47.4843



25.4500, -12.5468, 11.0064

Inverse Universe

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



99.4710, 52.5188, -45.1401



96.6850, 78.0493, -67.2527



72.2910, 65.9185, -2.8862



94.9010, 3.4998, -2.5442



54.1440, 55.1450, -47.4843



12.5500, 12.5468, -11.0064

Previews

White Background



This preview shows how the YUV color 154.5290, -52.5188, 45.1401 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 154.5290, -52.5188, 45.1401 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 154.5290, -52.5188, 45.1401

Background



This preview shows how black text looks on a background with the YUV color 154.5290, -52.5188, 45.1401.



This preview shows how white text looks on a background with the YUV color 154.5290, -52.5188, 45.1401.

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

154.5290, -52.5188, 45.1401

Protanopia

153.2550, -50.4117, 22.5784

Deuteranopia

154.3820, -52.9393, 40.0070



Tritanopia

162.0810, -5.9559, 43.7790

Trichromacy



Original Color

154.5290, -52.5188, 45.1401

Protanomaly

153.7830, -51.1650, 30.8853

Deuteranomaly

154.3930, -52.9447, 41.7513

Tritanomaly

159.6130, -22.9802, 44.1894

Monochromacy



Original Color

154.5290, -52.5188, 45.1401

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.0610, -19.2571, 16.6095

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.5290, -52.5188, 45.1401 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(206, 149, 48)` looks like.

```
.text, #text, p{  
    color:rgb(206, 149, 48)  
}
```

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(206, 149, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 149, 48) }
```

Border

The CSS property to change the border of an element to YUV 154.5290, -52.5188, 45.1401 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(206, 149, 48) }
```


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

```
.border{ border-color:rgb(206, 149, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 149, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 149, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 149, 48);  
box-shadow:4px 4px 4px 4px rgb(206, 149,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 154.5290, -52.5188, 45.1401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 149, 48) }
```

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

```
.background{ background-color: rgb(206,  
149, 48) }
```

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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