

# Converting Colors

YUV(158.7520, -54.1077,  
41.4365)

Have a look what the booklet for  
YUV(158.7520, -54.1077, 41.4365)  
contains.

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# Color

**YUV(158.7520, -54.1077,  
41.4365)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE9C31
RGB	206, 156, 49
RGB Percent	81%, 61%, 19%
CMY	0.1922, 0.3882, 0.8078
CMYK	0.00, 0.24, 0.76, 0.19
HSL	41°, 62%, 50%
HSV	41°, 76%, 81%
XYZ	37.8964, 37.1205, 8.0733
YIQ	158.7520, 64.1470, -22.6770

# Conversions

## Conversions Part 2

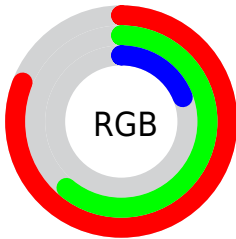
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 206, 49
Decimal	13540401
CIE <sub>Lab</sub>	67.37, 8.67, 59.71
CIE <sub>LCh</sub>	67, 60.340, 81.743
Yxy	37.1205, 0.4561, 0.4467
Android (android.graphics.Color)	4291730481 (0xFFCE9C31)
YUV	158.7520, -54.1077, 41.4365
Hunter-Lab	60.9266, 4.4058, 34.7921

# Details

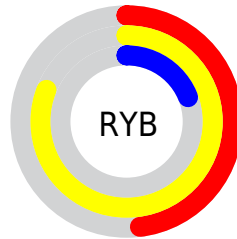
The YUV color **158.7520, -54.1077, 41.4365** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **96.2480, 54.1077, -41.4365**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.2570, -53.3707, 38.3626**, and **105.5880, -52.0549, 36.3183** is the 20% darker color. If you saturate the color by 10%, you get **152.2490, -61.2548, 47.1396**, and if you desaturate by 10%, it is **165.2550, -46.9607, 35.7334**.

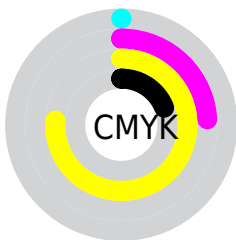
# Distribution



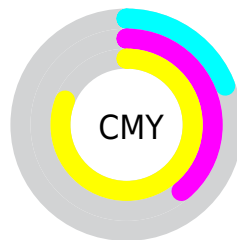
- Red (81%)
- Green (61%)
- Blue (19%)



- Red (48%)
- Yellow (81%)
- Blue (19%)



- Cyan (0%)
- Magenta (24%)
- Yellow (76%)
- Black (19%)



- Cyan (19%)
- Magenta (39%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 158.7520, -54.1077, 41.4365 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 158.7520, -54.1077, 41.4365 by changing the saturation by 10% instead.




 158.7520,  
-54.1077, 41.4365


 158.7520,  
-54.1077, 41.4365


255.0000, 0.0000,  
0.0000

 130.8720,  
-56.1389, 39.5773


 211.2570,  
-53.3707, 38.3626

 105.5880,  
-52.0549, 36.3183


 230.7710,  
-49.6801, 21.2488

 83.1280, -40.9821,  
31.4597


 243.8280,  
-42.8062, 9.7978

 61.2550, -30.1987,  
26.0864

 247.0200,  
-30.5759, 6.9985

 40.8550, -20.1415,  
20.2982

 250.2120,  
-18.3455, 4.1991

 21.3410, -10.5211,  
14.6099

 253.5180, -5.6784,

 0.0000, 0.0000,

1.2997

0.0000

■ 158.7520,  
-54.1077, 41.4365

■ 158.7520,  
-54.1077, 41.4365

■ 152.2490,  
-61.2548, 47.1396

■ 165.2550,  
-46.9607, 35.7334

■ 146.4470,  
-68.2544, 52.2280

■ 171.0570,  
-39.9611, 30.6450

■ 143.7740,  
-70.8806, 54.5722

■ 177.5600,  
-32.8141, 24.9419

■ 183.3620,  
-25.8145, 19.8535

■ 189.8650,  
-18.6674, 14.1504

■ 195.7810,  
-11.2310, 8.9621

■ 202.1700, -4.5208,  
3.3589

■ 208.0860, 2.9156,  
-1.8294

■ 214.4750, 9.6258,  
-7.4326

# Harmonies

## Analogous

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



161.3210, -40.0913, 72.5095



158.7520, -54.1077, 41.4365



154.0520, -49.3256, 0.8314

# Triad

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



158.7520, -54.1077, 41.4365



134.6720, 33.6857, -118.1073



169.1030, 31.0082, 41.1287

# Complementary

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



158.7520, -54.1077, 41.4365



96.2480, 54.1077, -41.4365

# 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.



162.2030, 45.7489, -20.3490



158.7520, -54.1077, 41.4365



137.4540, 54.4992, -120.5472

# Square

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



158.7520, -54.1077, 41.4365



128.2880, 9.2250, -112.5086



131.7950, 60.7401, -115.5842



164.9710, 7.9023, 78.9554



# Rectangle

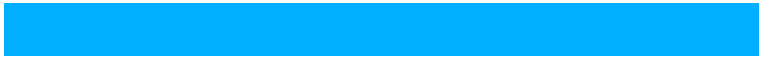
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



158.7520, -54.1077, 41.4365



148.9260, -34.9665, -31.5071



131.7950, 60.7401, -115.5842



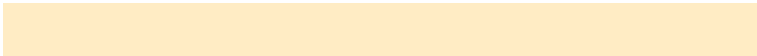
169.1160, 37.9038, 22.7003

# Sweetspot

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



158.7520, -54.1077, 41.4365



237.1210, -20.2727, 15.6799



101.8710, -0.4294, 91.3211



116.8520, -12.2520, 9.7768



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.



158.7520, -54.1077, 41.4365



185.1140, -79.9222, 61.2900



180.3280, -64.7447, -0.2877



99.0990, -3.4998, 2.5442



115.9650, -57.1707, 43.8807



26.6240, -13.1256, 9.9768



# Inverse Universe

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



96.2480, 54.1077, -41.4365



92.8860, 79.9222, -61.2900



74.6720, 64.7447, 0.2877



94.9010, 3.4998, -2.5442



50.0350, 57.1707, -43.8807



11.3760, 13.1256, -9.9768



# Previews

## White Background



This preview shows how the YUV color 158.7520, -54.1077, 41.4365 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 158.7520, -54.1077, 41.4365 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 158.7520, -54.1077, 41.4365

## Background



This preview shows how black text looks on a background with the YUV color 158.7520, -54.1077, 41.4365.



This preview shows how white text looks on a background with the YUV color 158.7520, -54.1077, 41.4365.



# 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

158.7520, -54.1077, 41.4365

### Protanopia

157.6850, -52.5957, 23.0783

### Deuteranopia

158.7520, -54.1077, 41.4365



## Tritanopia

167.2870, -5.0715, 40.0903

# Trichromacy



## Original Color

158.7520, -54.1077, 41.4365

## Protanomaly

158.2020, -53.3436, 29.6408

## Deuteranomaly

158.7520, -54.1077, 41.4365

## Tritanomaly

164.2920, -22.8220, 40.0859

# Monochromacy



## Original Color

158.7520, -54.1077, 41.4365

## Achromatopsia

159.0000, 0.0000, 0.0000

## Achromatomaly

158.9360, -19.6884, 14.9651

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 158.7520, -54.1077, 41.4365 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, 156, 49)` looks like.

```
.text, #text, p{  
    color:rgb(206, 156, 49)  
}
```

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, 156, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 156, 49) }
```

## Border

The CSS property to change the border of an element to YUV 158.7520, -54.1077, 41.4365 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, 156, 49) }
```



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

```
.border{ border-color:rgb(206, 156, 49) }
```

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

Here you see how a box with a 4 pixel rgb(206, 156, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 156, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 156, 49);  
box-shadow:4px 4px 4px 4px rgb(206, 156,  
49) }
```

# Background

The CSS property to change the background color of an element to YUV 158.7520, -54.1077, 41.4365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 156, 49) }
```

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

```
.background{ background-color: rgb(206,  
156, 49) }
```

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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