

Converting Colors

YUV(156.3240, -54.8827,
56.7209)

Have a look what the booklet for
YUV(156.3240, -54.8827, 56.7209)
contains.

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Color

**YUV(156.3240, -54.8827,
56.7209)**

Conversions

Conversions Part 1

Format	Color
Hex	DD912D
RGB	221, 145, 45
RGB Percent	87%, 57%, 18%
CMY	0.1333, 0.4314, 0.8235
CMYK	0.00, 0.34, 0.80, 0.13
HSL	34°, 72%, 52%
HSV	34°, 80%, 87%
XYZ	40.4178, 35.8124, 7.2649
YIQ	156.3240, 77.3960, -14.9880

Conversions

Conversions Part 2

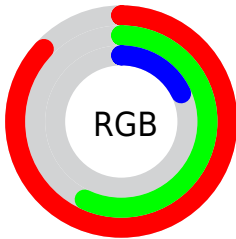
Format	Color
R _Y B	179, 221, 45
Decimal	14520621
CIE Lab	66.38, 20.92, 60.91
CIE LCh	66, 64.404, 71.041
Yxy	35.8124, 0.4841, 0.4289
Android (android.graphics.Color)	4292710701 (0xFFDD912D)
YUV	156.3240, -54.8827, 56.7209
Hunter-Lab	59.8435, 15.8315, 34.6928

Details

The YUV color **156.3240, -54.8827, 56.7209** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **109.6760, 54.8827, -56.7209**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.3440, -51.9346, 44.4253**, and **103.0180, -50.7879, 49.9732** is the 20% darker color. If you saturate the color by 10%, you get **147.9460, -61.5984, 64.0684**, and if you desaturate by 10%, it is **164.7020, -48.1671, 49.3733**.

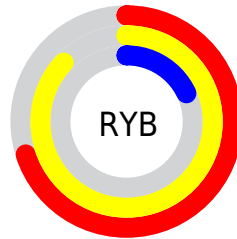
Distribution



Red (87%)

Green (57%)

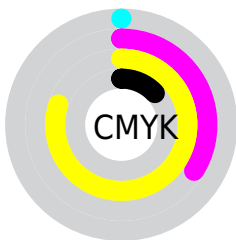
Blue (18%)



Red (70%)

Yellow (87%)

Blue (18%)

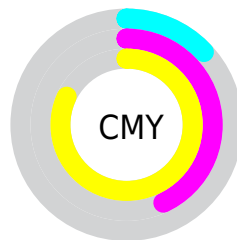


Cyan (0%)

Magenta (34%)

Yellow (80%)

Black (13%)



Cyan (13%)

Magenta (43%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.3240, -54.8827, 56.7209 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 156.3240, -54.8827, 56.7209 by changing the saturation by 10% instead.

156.3240,
-54.8827, 56.7209

156.3240,
-54.8827, 56.7209

255.0000, 0.0000,
0.0000

128.0310,
-57.2033, 54.3468

204.3440,
-51.9346, 44.4253

103.0180,
-50.7879, 49.9732

223.7440,
-48.6808, 27.4115

80.8460, -39.8571,
43.9851

243.3720,
-44.5534, 10.1978

58.6740, -28.9263,
37.9969

246.4500,
-32.7599, 7.4983

37.3880, -18.4323,
32.1087

249.7560,
-20.0927, 4.5990

16.7000, -8.2331,
27.4501

253.0620, -7.4256,

3.8870, -1.9163,

1.6996

7.9921

■ 0.0000, 0.0000,
0.0000

■ 156.3240,
-54.8827, 56.7209

■ 156.3240,
-54.8827, 56.7209

■ 147.9460,
-61.5984, 64.0684

■ 164.7020,
-48.1671, 49.3733

■ 140.1550,
-68.6034, 70.9011

■ 172.4930,
-41.1620, 42.5406

■ 140.0410,
-69.0402, 71.0010

■ 180.8710,
-34.4464, 35.1931

■ 188.6620,
-27.4414, 28.3604

■ 197.0400,
-20.7257, 21.0129

■ 204.9450,
-13.2839, 14.0802

■ 213.3230, -6.5682,
6.7327

■ 221.1140, 0.4368,
-0.1000

■ 229.4920, 7.1524,
-7.4475

Harmonies

Analogous

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



157.3040, -34.1669, 85.6794



156.3240, -54.8827, 56.7209



151.6320, -58.9786, 16.9857

Triad

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



156.3240, -54.8827, 56.7209



131.6910, 24.8023, -115.4930



166.2130, 40.8140, 22.6152

Complementary

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



156.3240, -54.8827, 56.7209



109.6760, 54.8827, -56.7209

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.



148.0950, 52.7042, -57.9653



156.3240, -54.8827, 56.7209



136.6730, 48.9682, -119.8622

Square

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



156.3240, -54.8827, 56.7209



123.6770, -0.8268, -108.4647



133.5560, 59.8719, -117.1286



162.9840, 18.2489, 73.6820

Rectangle

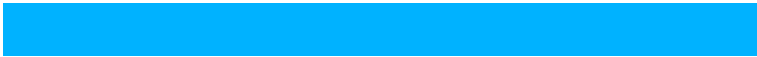
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



156.3240, -54.8827, 56.7209



147.9360, -46.8034, -14.8529



133.5560, 59.8719, -117.1286



163.2210, 45.2470, 0.6832

Sweetspot

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



156.3240, -54.8827, 56.7209



232.7840, -19.1205, 19.4834



106.2880, 7.2530, 100.6024



114.3900, -11.5313, 11.9360



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.



156.3240, -54.8827, 56.7209



164.8480, -76.3401, 79.0633



197.3480, -75.1076, 10.2188



105.8110, -3.3578, 3.6738



109.8400, -54.1511, 55.3913



29.0160, -14.3049, 14.8950

Inverse Universe

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



109.6760, 54.8827, -56.7209



100.1520, 76.3401, -79.0633



68.6520, 75.1076, -10.2188



102.6020, 3.6472, -3.1590



63.7470, 53.8617, -55.9061



16.9840, 14.3049, -14.8950

Previews

White Background



This preview shows how the YUV color 156.3240, -54.8827, 56.7209 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 156.3240, -54.8827, 56.7209 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 156.3240, -54.8827, 56.7209

Background



This preview shows how black text looks on a background with the YUV color 156.3240, -54.8827, 56.7209.



This preview shows how white text looks on a background with the YUV color 156.3240, -54.8827, 56.7209.

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

156.3240, -54.8827, 56.7209

Protanopia

154.7990, -52.1589, 22.9783

Deuteranopia

155.7690, -56.5811, 41.4216



Tritanopia

163.7620, -8.7567, 55.4597

Trichromacy



Original Color

156.3240, -54.8827, 56.7209

Protanomaly

155.6480, -53.0705, 35.3887

Deuteranomaly

156.2150, -56.3080, 47.1694

Tritanomaly

161.2940, -25.7809, 55.8702

Monochromacy



Original Color

156.3240, -54.8827, 56.7209

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.2680, -19.8521, 20.8130

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.3240, -54.8827, 56.7209 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(221, 145, 45)` looks like.

```
.text, #text, p{  
    color:rgb(221, 145, 45)  
}
```

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(221, 145, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 145, 45) }
```

Border

The CSS property to change the border of an element to YUV 156.3240, -54.8827, 56.7209 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(221, 145, 45) }
```


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

```
.border{ border-color:rgb(221, 145, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 145, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 145, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 145, 45);  
box-shadow:4px 4px 4px 4px rgb(221, 145,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 156.3240, -54.8827, 56.7209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 145, 45) }
```

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

```
.background{ background-color: rgb(221,  
145, 45) }
```

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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