

Converting Colors

YUV(159.2800, -54.8610,
49.7434)

Have a look what the booklet for
YUV(159.2800, -54.8610, 49.7434)
contains.

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Color

**YUV(159.2800, -54.8610,
49.7434)**

Conversions

Conversions Part 1

Format	Color
Hex	D89830
RGB	216, 152, 48
RGB Percent	85%, 60%, 19%
CMY	0.1529, 0.4039, 0.8118
CMYK	0.00, 0.30, 0.78, 0.15
HSL	37°, 68%, 52%
HSV	37°, 78%, 85%
XYZ	40.0806, 37.2688, 7.8774
YIQ	159.2800, 71.5280, -18.7760

Conversions

Conversions Part 2

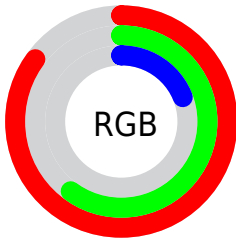
Format	Color
RYB	151, 216, 48
Decimal	14194736
CIELab	67.48, 15.13, 60.59
CIELCh	67, 62.450, 75.983
Yxy	37.2688, 0.4703, 0.4373
Android (android.graphics.Color)	4292384816 (0xFFD89830)
YUV	159.2800, -54.8610, 49.7434
Hunter-Lab	61.0482, 10.3583, 35.0832

Details

The YUV color **159.2800, -54.8610, 49.7434** 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 **104.7200, 54.8610, -49.7434**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.7950, -52.6499, 40.5218**, and **105.9310, -52.2240, 43.9105** is the 20% darker color. If you saturate the color by 10%, you get **152.0760, -62.1555, 56.0613**, and if you desaturate by 10%, it is **166.4840, -47.5666, 43.4255**.

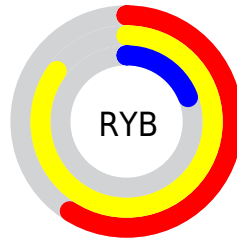
Distribution



Red (85%)

Green (60%)

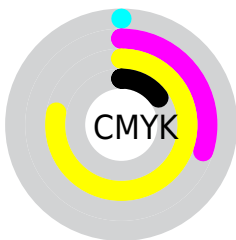
Blue (19%)



Red (59%)

Yellow (85%)

Blue (19%)

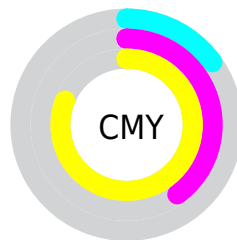


Cyan (0%)

Magenta (30%)

Yellow (78%)

Black (15%)



Cyan (15%)

Magenta (40%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.2800, -54.8610, 49.7434 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 159.2800, -54.8610, 49.7434 by changing the saturation by 10% instead.

■ 159.2800,
-54.8610, 49.7434

■ 159.2800,
-54.8610, 49.7434

■ 255.0000, 0.0000,
0.0000

■ 131.4000,
-56.8922, 47.8842

■ 208.7950,
-52.6499, 40.5218

■ 105.9310,
-52.2240, 43.9105

■ 228.3090,
-48.9593, 23.4080

■ 83.1720, -41.0038,
38.4372

■ 243.7140,
-43.2430, 9.8978

■ 61.8860, -30.5098,
32.5490

■ 246.9060,
-31.0127, 7.0984

■ 40.6000, -20.0158,
26.6608

■ 250.0980,
-18.7823, 4.2991

■ 21.0860, -10.3954,
20.9726

■ 253.4040, -6.1152,

■ 3.2890, -1.6215,

1.3997

6.7625

■ 0.0000, 0.0000,
0.0000

■ 159.2800,
-54.8610, 49.7434

■ 159.2800,
-54.8610, 49.7434

■ 152.0760,
-62.1555, 56.0613

■ 166.4840,
-47.5666, 43.4255

■ 144.9860,
-69.0131, 62.2793

■ 173.5740,
-40.7090, 37.2076

■ 143.2420,
-70.6183, 63.8088

■ 181.3650,
-33.7039, 30.3749

■ 188.4550,
-26.8463, 24.1570

■ 195.6590,
-19.5519, 17.8391

■ 202.8630,
-12.2575, 11.5211

■ 210.5400, -5.6892,
4.7884

■ 217.7440, 1.6052,
-1.5295

■ 224.8340, 8.4628,
-7.7474

Harmonies

Analogous

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



161.3480, -37.6396, 79.5018



159.2800, -54.8610, 49.7434



154.8420, -54.1521, 8.9086

Triad

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



159.2800, -54.8610, 49.7434



134.8200, 29.1757, -118.2371



169.1280, 36.4189, 32.3367

Complementary

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



159.2800, -54.8610, 49.7434



104.7200, 54.8610, -49.7434

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.



157.3750, 48.1291, -37.1629



159.2800, -54.8610, 49.7434



138.1720, 52.1732, -121.1768

Square

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



159.2800, -54.8610, 49.7434



126.9200, 3.9834, -111.3088



133.5560, 59.8719, -117.1286



165.7410, 13.4387, 76.5261

Rectangle

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



159.2800, -54.8610, 49.7434



150.3740, -41.1034, -23.1300



133.5560, 59.8719, -117.1286



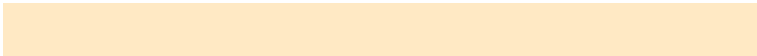
168.3040, 42.7411, 11.1344

Sweetspot

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



159.2800, -54.8610, 49.7434



235.3600, -19.4045, 17.2243



105.5280, 3.1907, 96.8839



115.6780, -11.6733, 10.8064



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.



159.2800, -54.8610, 49.7434



175.1520, -77.4759, 70.0267



190.8680, -70.4339, 4.5008



103.3980, -3.6472, 3.1590



113.3510, -55.8820, 50.5582



28.7060, -14.1521, 12.5358

Inverse Universe

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



104.7200, 54.8610, -49.7434



97.8480, 77.4759, -70.0267



73.1320, 70.4339, -4.5008



99.6020, 3.6472, -3.1590



57.6490, 55.8820, -50.5582



14.8810, 13.8627, -13.0506

Previews

White Background



This preview shows how the YUV color 159.2800, -54.8610, 49.7434 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 159.2800, -54.8610, 49.7434 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 159.2800, -54.8610, 49.7434 Background



This preview shows how black text looks on a background with the YUV color 159.2800, -54.8610, 49.7434.



This preview shows how white text looks on a background with the YUV color 159.2800, -54.8610,

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

159.2800, -54.8610, 49.7434

Protanopia

157.6850, -52.5957, 23.0783

Deuteranopia

158.7090, -55.5655, 42.3512



Tritanopia

167.1740, -6.9878, 48.0824

Trichromacy



Original Color

159.2800, -54.8610, 49.7434

Protanomaly

158.2240, -53.3544, 33.1296

Deuteranomaly

159.1330, -55.2816, 44.6104

Tritanomaly

164.5920, -24.4489, 48.5928

Monochromacy



Original Color

159.2800, -54.8610, 49.7434

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9580, -19.6993, 18.4538

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2800, -54.8610, 49.7434 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(216, 152, 48)` looks like.

```
.text, #text, p{  
    color:rgb(216, 152, 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(216, 152, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 152, 48) }
```

Border

The CSS property to change the border of an element to YUV 159.2800, -54.8610, 49.7434 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(216, 152, 48) }
```


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

```
.border{ border-color:rgb(216, 152, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 152, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 152, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 152, 48);  
box-shadow:4px 4px 4px 4px rgb(216, 152,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 159.2800, -54.8610, 49.7434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 152, 48) }
```

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

```
.background{ background-color: rgb(216,  
152, 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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