

# Converting Colors

YUV(158.3710, -29.2699,  
54.9256)

Have a look what the booklet for  
YUV(158.3710, -29.2699, 54.9256)  
contains.

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# Color

**YUV(158.3710, -29.2699,  
54.9256)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD8A63
RGB	221, 138, 99
RGB Percent	87%, 54%, 39%
CMY	0.1333, 0.4588, 0.6118
CMYK	0.00, 0.38, 0.55, 0.13
HSL	19°, 64%, 63%
HSV	19°, 55%, 87%
XYZ	41.1594, 34.4500, 16.2846
YIQ	158.3710, 61.9870, 5.4670

# Conversions

## Conversions Part 2

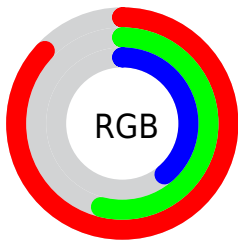
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">221, 156, 99</a>
Decimal	<a href="#">14518883</a>
CIELab	<a href="#">65.32, 27.77, 34.04</a>
CIELCh	<a href="#">65, 43.933, 50.793</a>
Yxy	<a href="#">34.4500, 0.4479, 0.3749</a>
Android (android.graphics.Color)	<a href="#">4292708963</a> ( <a href="#">0xFFDD8A63</a> )
YUV	<a href="#">158.3710, -29.2699, 54.9256</a>
Hunter-Lab	<a href="#">58.6941, 22.4590, 24.6360</a>

# Details

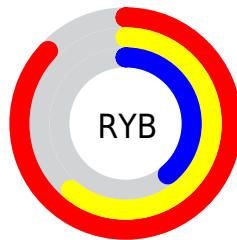
The YUV color **158.3710, -29.2699, 54.9256** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **161.6290, 29.2699, -54.9256**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.0490, -27.6322, 42.9300**, and **105.3210, -26.7803, 49.7075** is the 20% darker color. If you saturate the color by 10%, you get **147.0580, -34.5386, 64.8471**, and if you desaturate by 10%, it is **169.6840, -24.0012, 45.0041**.

# Distribution



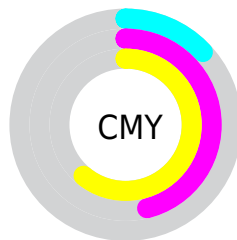
- Red (87%)
- Green (54%)
- Blue (39%)



- Red (87%)
- Yellow (61%)
- Blue (39%)



- Cyan (0%)
- Magenta (38%)
- Yellow (55%)
- Black (13%)



- Cyan (13%)
- Magenta (46%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 158.3710, -29.2699, 54.9256 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 158.3710, -29.2699, 54.9256 by changing the saturation by 10% instead.



158.3710,  
-29.2699, 54.9256

158.3710,  
-29.2699, 54.9256

255.0000, 0.0000,  
0.0000

131.4030,  
-27.8067, 52.2666

206.0490,  
-27.6322, 42.9300

105.3210,  
-26.7803, 49.7075

225.5630,  
-23.9416, 25.8162

80.0540, -25.1696,  
46.4336

245.7780,  
-20.1036, 8.0877

55.4450, -24.8694,  
43.4597

252.4920, -9.6096,  
2.1995

32.7140, -16.1280,  
39.7158

15.2490, -7.5178,  
31.3536

5.3820, -2.6533,

11.0660

■ 0.0000, 0.0000,  
0.0000

■ 158.3710,  
-29.2699, 54.9256

■ 158.3710,  
-29.2699, 54.9256

■ 147.0580,  
-34.5386, 64.8471

■ 169.6840,  
-24.0012, 45.0041

■ 135.7450,  
-39.8073, 74.7686

■ 180.9970,  
-18.7325, 35.0826

■ 124.4320,  
-45.0760, 84.6901

■ 192.3100,  
-13.4638, 25.1611

■ 113.1190,  
-50.3447, 94.6116

■ 203.6230, -8.1951,  
15.2396

■ 107.7560,  
-53.1237, 99.3150

■ 215.0500, -2.4896,  
5.2182

■ 226.3630, 2.7790,  
-4.7034

■ 237.6760, 8.0477,  
-14.6249

■ 244.8340, 5.0118,  
-20.9024

# Harmonies

## Analogous

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



159.9650, -13.2937, 64.0517



158.3710, -29.2699, 54.9256



156.0510, -37.4931, 32.4043

# Triad

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



158.3710, -29.2699, 54.9256



133.8730, 5.4856, -79.6956



159.0160, 35.9811, -14.0460

# Complementary

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



158.3710, -29.2699, 54.9256



161.6290, 29.2699, -54.9256

# 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.



143.1830, 45.7588, -70.3205



158.3710, -29.2699, 54.9256



126.1630, 29.0066, -110.6450

# Square

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



158.3710, -29.2699, 54.9256



147.2260, -19.8314, -32.6472



127.6910, 45.0153, -111.9850



163.4360, 22.4631, 28.5586



# Rectangle

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



158.3710, -29.2699, 54.9256



154.0440, -36.9967, 13.1164



127.6910, 45.0153, -111.9850



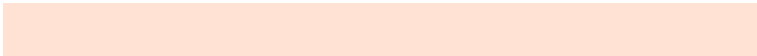
155.8290, 39.5243, -30.5450

# Sweetspot

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



158.3710, -29.2699, 54.9256



233.0750, -10.3900, 19.2282



144.9400, 18.2706, 66.7046



114.4700, -6.1477, 11.8658



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.



158.3710, -29.2699, 54.9256



168.9300, -40.3915, 75.4834



194.1780, -46.9228, 23.5229



104.0500, -2.4896, 5.2182



84.0120, -41.4179, 78.0425



22.5590, -11.1216, 20.5578



# Inverse Universe

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



161.6290, 29.2699, -54.9256



173.0700, 40.3915, -75.4834



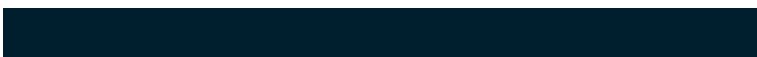
125.8220, 46.9228, -23.5229



104.3630, 2.7790, -4.7034



88.9880, 41.4179, -78.0425



23.4410, 11.1216, -20.5578



# Previews

## White Background



This preview shows how the YUV color 158.3710, -29.2699, 54.9256 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

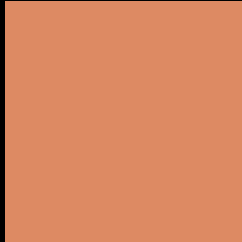
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 158.3710, -29.2699, 54.9256 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

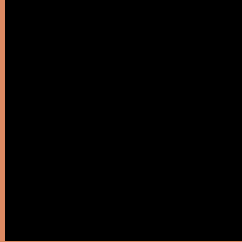
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 158.3710, -29.2699, 54.9256

## Background



This preview shows how black text looks on a background with the YUV color 158.3710, -29.2699, 54.9256.



This preview shows how white text looks on a background with the YUV color 158.3710, -29.2699, 54.9256.



# 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

158.3710, -29.2699, 54.9256

### Protanopia

156.9590, -24.6298, 13.1910

### Deuteranopia

157.8750, -30.5044, 30.8046



## Tritanopia

160.6480, -9.1935, 55.5597

# Trichromacy



## Original Color

158.3710, -29.2699, 54.9256

## Protanomaly

157.3030, -26.2784, 28.6753

## Deuteranomaly

158.0440, -30.0947, 39.4264

## Tritanomaly

159.6990, -16.6136, 55.5150

# Monochromacy



## Original Color

158.3710, -29.2699, 54.9256

## Achromatopsia

158.0000, 0.0000, 0.0000

## Achromatomaly

158.3740, -10.5374, 19.8430

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 158.3710, -29.2699, 54.9256 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, 138, 99)` looks like.

```
.text, #text, p{  
    color:rgb(221, 138, 99)  
}
```

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, 138, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 138, 99) }
```

## Border

The CSS property to change the border of an element to YUV 158.3710, -29.2699, 54.9256 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, 138, 99) }
```



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

```
.border{ border-color:rgb(221, 138, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 138, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 138, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 138, 99);  
box-shadow:4px 4px 4px 4px rgb(221, 138,  
99) }
```

# Background

The CSS property to change the background color of an element to YUV 158.3710, -29.2699, 54.9256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 138, 99) }
```

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

```
.background{ background-color: rgb(221,  
138, 99) }
```

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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