

Converting Colors

YUV(156.7190, -30.4275,
52.8664)

Have a look what the booklet for
YUV(156.7190, -30.4275, 52.8664)
contains.

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Color

**YUV(156.7190, -30.4275,
52.8664)**

Conversions

Conversions Part 1

Format	Color
Hex	D98A5F
RGB	217, 138, 95
RGB Percent	85%, 54%, 37%
CMY	0.1490, 0.4588, 0.6275
CMYK	0.00, 0.36, 0.56, 0.15
HSL	21°, 62%, 61%
HSV	21°, 56%, 85%
XYZ	39.7693, 33.7549, 15.2457
YIQ	156.7190, 60.8870, 3.3750

Conversions

Conversions Part 2

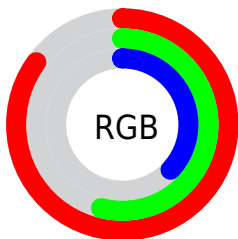
Format	Color
R _{YB}	217, 161, 95
Decimal	14256735
CIE Lab	64.77, 25.84, 35.40
CIE LCh	65, 43.825, 53.876
Yxy	33.7549, 0.4480, 0.3803
Android (android.graphics.Color)	4292446815 (0xFFD98A5F)
YUV	156.7190, -30.4275, 52.8664
Hunter-Lab	58.0990, 20.5118, 25.1110

Details

The YUV color **156.7190, -30.4275, 52.8664** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **155.2810, 30.4275, -52.8664**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.5930, -29.3793, 43.3299**, and **103.6690, -27.9378, 47.6483** is the 20% darker color. If you saturate the color by 10%, you get **145.9930, -35.9855, 62.2731**, and if you desaturate by 10%, it is **167.4450, -24.8694, 43.4597**.

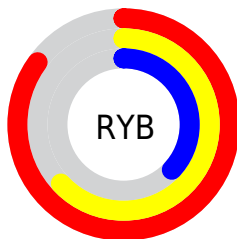
Distribution



Red (85%)

Green (54%)

Blue (37%)



Red (85%)

Yellow (63%)

Blue (37%)

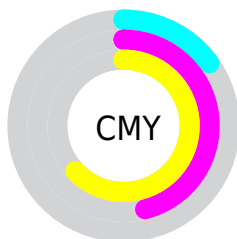


Cyan (0%)

Magenta (36%)

Yellow (56%)

Black (15%)



Cyan (15%)

Magenta (46%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.7190, -30.4275, 52.8664 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 156.7190, -30.4275, 52.8664 by changing the saturation by 10% instead.

156.7190,
-30.4275, 52.8664

156.7190,
-30.4275, 52.8664

255.0000, 0.0000,
0.0000

129.7510,
-28.9642, 50.2074

205.5930,
-29.3793, 43.3299

103.6690,
-27.9378, 47.6483

225.1070,
-25.6888, 26.2162

78.7010, -26.4746,
44.9892

245.3220,
-21.8507, 8.4876

53.9780, -26.6112,
42.1153

252.0360,
-11.3567, 2.5994

32.1050, -15.8278,
36.7419

14.3520, -7.0755,
29.5093

2.6910, -1.3267,

5.5330

■ 0.0000, 0.0000,
0.0000

■ 156.7190,
-30.4275, 52.8664

■ 156.7190,
-30.4275, 52.8664

■ 145.9930,
-35.9855, 62.2731

■ 167.4450,
-24.8694, 43.4597

■ 135.3810,
-41.1068, 71.5799

■ 178.0570,
-19.7481, 34.1530

■ 124.6550,
-46.6649, 80.9866

■ 188.7830,
-14.1900, 24.7463

■ 113.9290,
-52.2230, 90.3933

■ 199.5090, -8.6319,
15.3396

■ 109.4950,
-53.9810, 94.2819

■ 210.1210, -3.5107,
6.0329

■ 220.8470, 2.0474,
-3.3738

■ 231.5730, 7.6055,
-12.7805

■ 240.7030, 7.0484,
-20.7875

■ 243.6380, 5.6015,
-23.3615

Harmonies

Analogous

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



158.2100, -14.8935, 63.8368



156.7190, -30.4275, 52.8664



154.3280, -37.6297, 29.5303

Triad

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



156.7190, -30.4275, 52.8664



129.0290, 8.8597, -88.6024



158.4080, 34.8019, -9.1278

Complementary

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



156.7190, -30.4275, 52.8664



155.2810, 30.4275, -52.8664

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.



144.5860, 44.5741, -63.6579



156.7190, -30.4275, 52.8664



125.3310, 30.8958, -109.9153

Square

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



156.7190, -30.4275, 52.8664



144.7740, -17.6366, -36.6358



126.5170, 45.5941, -110.9554



161.7030, 20.8524, 31.8325

Rectangle

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



156.7190, -30.4275, 52.8664



152.2500, -36.1122, 9.4278



126.5170, 45.5941, -110.9554



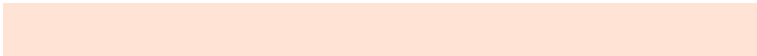
155.2210, 38.3450, -25.6268

Sweetspot

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



156.7190, -30.4275, 52.8664



233.6620, -10.6794, 18.7134



140.4840, 16.5234, 67.1045



115.0570, -6.4371, 11.3510



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.



156.7190, -30.4275, 52.8664



170.3490, -42.5701, 74.2389



192.5260, -48.0803, 21.4637



104.6370, -2.7790, 4.7034



87.5340, -43.1543, 74.9537



23.1460, -11.4110, 20.0430

Inverse Universe

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



155.2810, 30.4275, -52.8664



168.6510, 42.5701, -74.2389



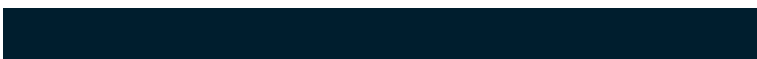
119.4740, 48.0803, -21.4637



104.3630, 2.7790, -4.7034



85.4660, 43.1543, -74.9537



22.8540, 11.4110, -20.0430

Previews

White Background



This preview shows how the YUV color 156.7190, -30.4275, 52.8664 looks on a white background.

Color Contrast Check

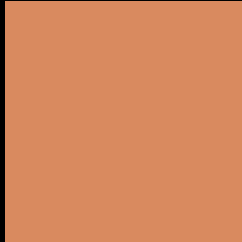
Large Text (above 18pt) WCAG AA × Fail

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 156.7190, -30.4275, 52.8664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

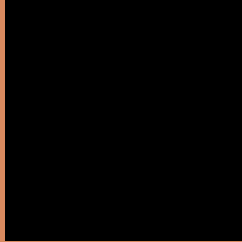
Any Text WCAG AA ✓ Pass

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 156.7190, -30.4275, 52.8664 Background



This preview shows how black text looks on a background with the YUV color 156.7190, -30.4275, 52.8664.



This preview shows how white text looks on a background with the YUV color 156.7190, -30.4275,

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

156.7190, -30.4275, 52.8664

Protanopia

155.5030, -26.3770, 13.5909

Deuteranopia

155.6470, -31.3780, 31.0046



Tritanopia

159.4520, -8.6038, 53.1006

Trichromacy



Original Color

156.7190, -30.4275, 52.8664

Protanomaly

156.1350, -28.1676, 27.9456

Deuteranomaly

156.1040, -31.1103, 38.4968

Tritanomaly

158.3890, -16.4608, 53.1558

Monochromacy



Original Color

156.7190, -30.4275, 52.8664

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.8470, -11.2636, 19.4282

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.7190, -30.4275, 52.8664 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(217, 138, 95)` looks like.

```
.text, #text, p{  
    color:rgb(217, 138, 95)  
}
```

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(217, 138, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 138, 95) }
```

Border

The CSS property to change the border of an element to YUV 156.7190, -30.4275, 52.8664 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(217, 138, 95) }
```


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

```
.border{ border-color:rgb(217, 138, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 138, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 138, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 138, 95);  
box-shadow:4px 4px 4px 4px rgb(217, 138,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 156.7190, -30.4275, 52.8664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 138, 95) }
```

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

```
.background{ background-color: rgb(217,  
138, 95) }
```

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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