

Converting Colors

YUV(156.1320, -30.1381,
53.3812)

Have a look what the booklet for
YUV(156.1320, -30.1381, 53.3812)
contains.

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Color

**YUV(156.1320, -30.1381,
53.3812)**

Conversions

Conversions Part 1

Format	Color
Hex	D9895F
RGB	217, 137, 95
RGB Percent	85%, 54%, 37%
CMY	0.1490, 0.4627, 0.6275
CMYK	0.00, 0.37, 0.56, 0.15
HSL	21°, 62%, 61%
HSV	21°, 56%, 85%
XYZ	39.6265, 33.4693, 15.1981
YIQ	156.1320, 61.1620, 3.8980

Conversions

Conversions Part 2

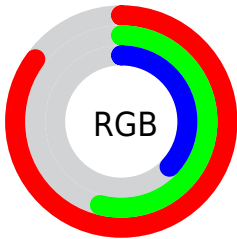
Format	Color
RYB	217, 159, 95
Decimal	14256479
CIELab	64.54, 26.37, 35.11
CIElCh	65, 43.915, 53.091
Yxy	33.4693, 0.4488, 0.3791
Android (android.graphics.Color)	4292446559 (0xFFD9895F)
YUV	156.1320, -30.1381, 53.3812
Hunter-Lab	57.8526, 21.0225, 24.9211

Details

The YUV color **156.1320, -30.1381, 53.3812** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **155.8680, 30.1381, -53.3812**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.0060, -29.0900, 43.8447**, and **103.0820, -27.6484, 48.1631** is the 20% darker color. If you saturate the color by 10%, you get **145.4060, -35.6962, 62.7879**, and if you desaturate by 10%, it is **166.8580, -24.5800, 43.9745**.

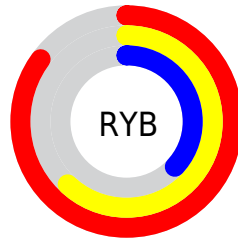
Distribution



Red (85%)

Green (54%)

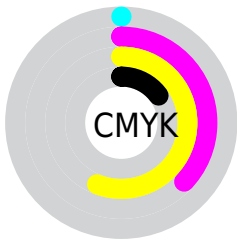
Blue (37%)



Red (85%)

Yellow (62%)

Blue (37%)

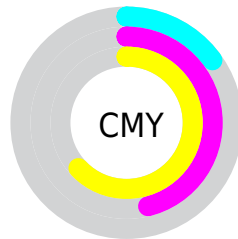


Cyan (0%)

Magenta (37%)

Yellow (56%)

Black (15%)



Cyan (15%)

Magenta (46%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.1320, -30.1381, 53.3812 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 156.1320, -30.1381, 53.3812 by changing the saturation by 10% instead.

156.1320,
-30.1381, 53.3812

156.1320,
-30.1381, 53.3812

255.0000, 0.0000,
0.0000

129.1640,
-28.6749, 50.7222

205.0060,
-29.0900, 43.8447

103.0820,
-27.6484, 48.1631

224.5200,
-25.3994, 26.7310

78.1140, -26.1852,
45.5040

244.7350,
-21.5614, 9.0024

53.3910, -26.3218,
42.6301

252.0360,
-11.3567, 2.5994

31.5180, -15.5384,
37.2567

14.3520, -7.0755,
29.5093

2.0930, -1.0318,

4.3034

0.0000, 0.0000,
0.0000

156.1320,
-30.1381, 53.3812

156.1320,
-30.1381, 53.3812

145.4060,
-35.6962, 62.7879

166.8580,
-24.5800, 43.9745

134.7940,
-40.8174, 72.0947

177.4700,
-19.4587, 34.6678

123.4810,
-46.0861, 82.0162

188.7830,
-14.1900, 24.7463

112.7550,
-51.6442, 91.4229

199.5090, -8.6319,
15.3396

108.9080,
-53.6916, 94.7967

210.1210, -3.5107,
6.0329

■ 220.8470, 2.0474,
-3.3738

■ 232.1600, 7.3161,
-13.2953

■ 241.2900, 6.7590,
-21.3023

■ 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.



157.6230, -14.6041, 64.3516



156.1320, -30.1381, 53.3812



153.6270, -37.7771, 30.1451

Triad

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



156.1320, -30.1381, 53.3812



128.9260, 8.4175, -86.7581



157.8100, 35.0967, -10.3574

Complementary

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



156.1320, -30.1381, 53.3812



155.8680, 30.1381, -53.3812

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.



142.6890, 45.0163, -65.5023



156.1320, -30.1381, 53.3812



124.5160, 30.3116, -109.2005

Square

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



156.1320, -30.1381, 53.3812



144.3720, -17.9314, -35.4062



125.8160, 45.4467, -110.3406



161.4040, 20.9998, 31.2177

Rectangle

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



156.1320, -30.1381, 53.3812



151.8480, -36.4071, 10.6573



125.8160, 45.4467, -110.3406



154.6230, 38.6399, -26.8564

Sweetspot

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



156.1320, -30.1381, 53.3812



233.6620, -10.6794, 18.7134



140.7120, 17.3970, 66.9046



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.



156.1320, -30.1381, 53.3812



169.7620, -42.2807, 74.7537



191.3520, -47.5015, 22.4933



104.0500, -2.4896, 5.2182



86.9470, -42.8649, 75.4685



23.1460, -11.4110, 20.0430

Inverse Universe

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



155.8680, 30.1381, -53.3812



169.2380, 42.2807, -74.7537



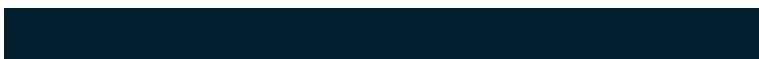
120.6480, 47.5015, -22.4933



104.3630, 2.7790, -4.7034



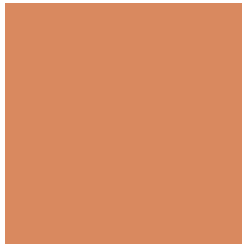
86.6400, 42.5755, -75.9833



22.8540, 11.4110, -20.0430

Previews

White Background



This preview shows how the YUV color 156.1320, -30.1381, 53.3812 looks on a white background.

Color Contrast Check

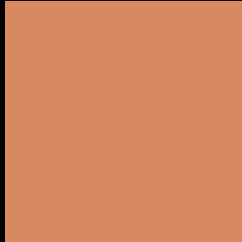
Large Text (above 18pt) WCAG AA × Fail

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 156.1320, -30.1381, 53.3812 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 156.1320, -30.1381, 53.3812

Background



This preview shows how black text looks on a background with the YUV color 156.1320, -30.1381, 53.3812.



This preview shows how white text looks on a background with the YUV color 156.1320, -30.1381, 53.3812.

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

156.1320, -30.1381, 53.3812

Protanopia

154.7310, -25.5034, 13.3909

Deuteranopia

155.6470, -31.3780, 31.0046



Tritanopia

158.7510, -8.7512, 53.7154

Trichromacy



Original Color

156.1320, -30.1381, 53.3812

Protanomaly

155.3630, -27.2940, 27.7456

Deuteranomaly

155.5170, -30.8209, 39.0116

Tritanomaly

157.6880, -16.6082, 53.7706

Monochromacy



Original Color

156.1320, -30.1381, 53.3812

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.9610, -10.8268, 19.3282

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.1320, -30.1381, 53.3812 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, 137, 95)` looks like.

```
.text, #text, p{  
    color:rgb(217, 137, 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, 137, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 137, 95) }
```

Border

The CSS property to change the border of an element to YUV 156.1320, -30.1381, 53.3812 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, 137, 95) }
```


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

```
.border{ border-color:rgb(217, 137, 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, 137, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 137, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 137, 95);  
box-shadow:4px 4px 4px 4px rgb(217, 137,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 156.1320, -30.1381, 53.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 137, 95) }
```

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

```
.background{ background-color: rgb(217,  
137, 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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