

Converting Colors

YUV(152.1160, -29.1442,
61.2883)

Have a look what the booklet for
YUV(152.1160, -29.1442, 61.2883)
contains.

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Color

**YUV(152.1160, -29.1442,
61.2883)**

Conversions

Conversions Part 1

Format	Color
Hex	DE805D
RGB	222, 128, 93
RGB Percent	87%, 50%, 36%
CMY	0.1294, 0.4980, 0.6353
CMYK	0.00, 0.42, 0.58, 0.13
HSL	16°, 66%, 62%
HSV	16°, 58%, 87%
XYZ	39.8192, 31.7583, 14.3872
YIQ	152.1160, 67.2590, 9.0430

Conversions

Conversions Part 2

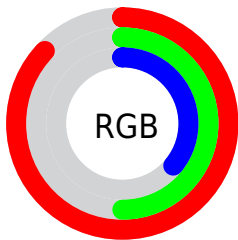
Format	Color
R _{YB}	222, 141, 93
Decimal	14581853
CIE Lab	63.14, 33.00, 34.59
CIE LCh	63, 47.801, 46.346
Yxy	31.7583, 0.4632, 0.3694
Android (android.graphics.Color)	4292771933 (0xFFDE805D)
YUV	152.1160, -29.1442, 61.2883
Hunter-Lab	56.3545, 27.5049, 24.3115

Details

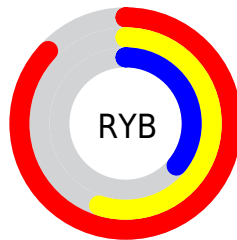
The YUV color **152.1160, -29.1442, 61.2883** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **162.8840, 29.1442, -61.2883**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.4950, -27.3590, 48.6779**, and **98.8810, -26.0703, 55.3554** is the 20% darker color. If you saturate the color by 10%, you get **140.2160, -34.1235, 71.7246**, and if you desaturate by 10%, it is **164.0160, -24.1649, 50.8520**.

Distribution



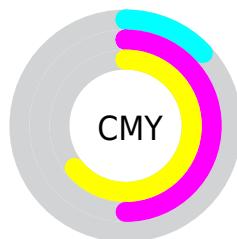
- Red (87%)
- Green (50%)
- Blue (36%)



- Red (87%)
- Yellow (55%)
- Blue (36%)



- Cyan (0%)
- Magenta (42%)
- Yellow (58%)
- Black (13%)



- Cyan (13%)
- Magenta (50%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.1160, -29.1442, 61.2883 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 152.1160, -29.1442, 61.2883 by changing the saturation by 10% instead.

152.1160,
-29.1442, 61.2883

152.1160,
-29.1442, 61.2883

255.0000, 0.0000,
0.0000

125.1480,
-27.6810, 58.6292

199.4950,
-27.3590, 48.6779

98.8810, -26.0703,
55.3554

219.0090,
-23.6684, 31.5641

73.5000, -24.8965,
52.1815

238.5230,
-19.9778, 14.4503

47.8310, -23.5807,
50.1372

251.6940,
-12.6671, 2.8994

23.6100, -11.6397,
46.8230

15.2490, -7.5178,
31.3536

2.6910, -1.3267,

5.5330

■ 0.0000, 0.0000,
0.0000

■ 152.1160,
-29.1442, 61.2883

■ 152.1160,
-29.1442, 61.2883

■ 140.2160,
-34.1235, 71.7246

■ 164.0160,
-24.1649, 50.8520

■ 128.3160,
-39.1028, 82.1609

■ 175.9160,
-19.1856, 40.4157

■ 115.7150,
-44.2295, 93.2119

■ 188.5170,
-14.0589, 29.3646

■ 103.8150,
-49.2088, 103.6482

■ 200.4170, -9.0796,
18.9283

■ 101.5980,
-50.0878, 105.5926

■ 212.3170, -4.1003,
8.4920

■ 224.2170, 0.8790,
-1.9443

■ 236.1170, 5.8583,
-12.3806

■ 245.1330, 4.8644,
-20.2876

Harmonies

Analogous

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



153.2800, -10.9840, 69.9144



152.1160, -29.1442, 61.2883



150.2860, -40.5670, 38.3372

Triad

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



152.1160, -29.1442, 61.2883



123.6610, 3.6181, -87.4027



150.9160, 40.9604, -24.4823

Complementary

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



152.1160, -29.1442, 61.2883



162.8840, 29.1442, -61.2883

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.



122.4710, 55.4768, -107.4071



152.1160, -29.1442, 61.2883



122.0880, 26.0856, -107.0712

Square

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



152.1160, -29.1442, 61.2883



141.0970, -24.2048, -29.9031



124.6590, 43.5521, -109.3259



157.2660, 26.9839, 25.1997

Rectangle

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



152.1160, -29.1442, 61.2883



147.7520, -40.7967, 18.6345



124.6590, 43.5521, -109.3259



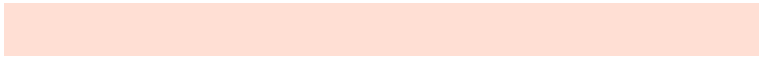
145.8210, 44.9512, -44.5700

Sweetspot

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



152.1160, -29.1442, 61.2883



231.3140, -9.5218, 20.7726



142.4010, 22.4803, 69.8083



113.8830, -5.8583, 12.3806



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.



152.1160, -29.1442, 61.2883



158.3980, -40.1292, 84.7200



189.6840, -47.6652, 28.3411



106.0500, -2.4896, 5.2182



80.8000, -39.8344, 83.4904



21.9830, -10.8376, 22.8169

Inverse Universe

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



162.8840, 29.1442, -61.2883



173.6020, 40.1292, -84.7200



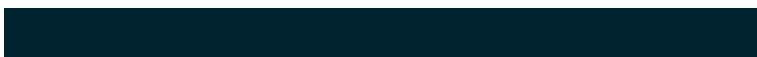
125.3160, 47.6652, -28.3411



106.9500, 2.4897, -5.2181



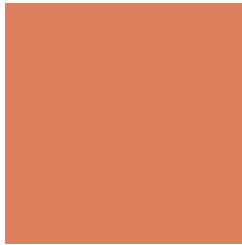
95.2000, 39.8344, -83.4904



26.0170, 10.8376, -22.8169

Previews

White Background



This preview shows how the YUV color 152.1160, -29.1442, 61.2883 looks on a white background.

Color Contrast Check

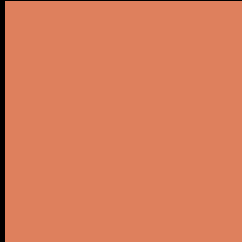
Large Text (above 18pt) WCAG AA × Fail

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 152.1160, -29.1442, 61.2883 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 152.1160, -29.1442, 61.2883

Background



This preview shows how black text looks on a background with the YUV color 152.1160, -29.1442, 61.2883.



This preview shows how white text looks on a background with the YUV color 152.1160, -29.1442,

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

152.1160, -29.1442, 61.2883

Protanopia

151.1870, -23.7562, 12.9910

Deuteranopia

151.4620, -30.7938, 30.2898



Tritanopia

154.5240, -11.1043, 61.8075

Trichromacy



Original Color

152.1160, -29.1442, 61.2883

Protanomaly

151.4280, -25.8470, 30.3196

Deuteranomaly

151.3540, -30.2475, 41.7855

Tritanomaly

153.8030, -17.6509, 61.5628

Monochromacy



Original Color

152.1160, -29.1442, 61.2883

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.7980, -10.2534, 22.1022

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.1160, -29.1442, 61.2883 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(222, 128, 93)` looks like.

```
.text, #text, p{  
    color:rgb(222, 128, 93)  
}
```

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(222, 128, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 128, 93) }
```

Border

The CSS property to change the border of an element to YUV 152.1160, -29.1442, 61.2883 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(222, 128, 93) }
```


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

```
.border{ border-color:rgb(222, 128, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 128, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 128, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 128, 93);  
box-shadow:4px 4px 4px 4px rgb(222, 128,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 152.1160, -29.1442, 61.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 128, 93) }
```

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

```
.background{ background-color: rgb(222,  
128, 93) }
```

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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