

Converting Colors

YUV(165.3880, -31.7433,
54.9107)

Have a look what the booklet for
YUV(165.3880, -31.7433, 54.9107)
contains.

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Color

**YUV(165.3880, -31.7433,
54.9107)**

Conversions

Conversions Part 1

Format	Color
Hex	E49265
RGB	228, 146, 101
RGB Percent	89%, 57%, 40%
CMY	0.1059, 0.4275, 0.6039
CMYK	0.00, 0.36, 0.56, 0.11
HSL	21°, 70%, 65%
HSV	21°, 56%, 89%
XYZ	44.6228, 37.9913, 17.2931
YIQ	165.3880, 63.3170, 3.3890

Conversions

Conversions Part 2

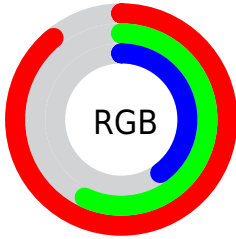
Format	Color
R_{YB}	228, 171, 101
Decimal	14979685
CIE _{Lab}	68.01, 26.48, 36.54
CIE _{LCh}	68, 45.125, 54.076
Yxy	37.9913, 0.4466, 0.3803
Android (android.graphics.Color)	4293169765 (0xFFE49265)
YUV	165.3880, -31.7433, 54.9107
Hunter-Lab	61.6371, 21.3618, 26.5114

Details

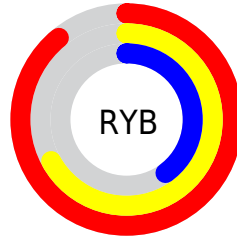
The YUV color **165.3880, -31.7433, 54.9107** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **163.6120, 31.7433, -54.9107**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.0870, -28.6369, 38.5117**, and **112.3380, -29.2536, 49.6926** is the 20% darker color. If you saturate the color by 10%, you get **153.9610, -37.4488, 64.9322**, and if you desaturate by 10%, it is **176.8150, -26.0378, 44.8892**.

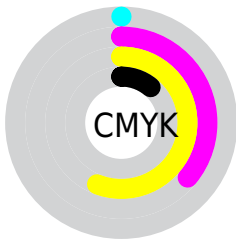
Distribution



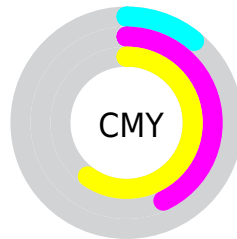
- Red (89%)
- Green (57%)
- Blue (40%)



- Red (89%)
- Yellow (67%)
- Blue (40%)



- Cyan (0%)
- Magenta (36%)
- Yellow (56%)
- Black (11%)



- Cyan (11%)
- Magenta (43%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.3880, -31.7433, 54.9107 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 165.3880, -31.7433, 54.9107 by changing the saturation by 10% instead.

165.3880,
-31.7433, 54.9107

165.3880,
-31.7433, 54.9107

255.0000, 0.0000,
0.0000

138.3060,
-30.7169, 52.3516

211.0870,
-28.6369, 38.5117

112.3380,
-29.2536, 49.6926

231.1880,
-25.2357, 20.8831

86.3700, -27.7904,
47.0335

249.5280,
-20.9663, 4.7989

61.7610, -27.4902,
44.0596

252.8340, -8.2992,
1.8996

39.2040, -19.3276,
39.2861

18.2170, -8.9810,
34.0127

9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 165.3880,
-31.7433, 54.9107

■ 165.3880,
-31.7433, 54.9107

■ 153.9610,
-37.4488, 64.9322

■ 176.8150,
-26.0378, 44.8892

■ 143.1210,
-43.4437, 74.4389

■ 187.6550,
-20.0429, 35.3826

■ 131.8080,
-48.7123, 84.3604

■ 198.9680,
-14.7742, 25.4611

■ 120.3810,
-54.4178, 94.3819

■ 210.3950, -9.0687,
15.4396

■ 115.7190,
-57.0495, 98.4704

■ 221.8220, -3.3632,
5.4181

■ 232.6620, 2.6316,
-4.0886

■ 243.4050, 5.7163,
-13.5102

■ 246.9270, 3.9800,
-16.5990

Harmonies

Analogous

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



167.2920, -15.9200, 66.3959



165.3880, -31.7433, 54.9107



163.1710, -39.5243, 30.5450

Triad

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



165.3880, -31.7433, 54.9107



137.1320, 9.3019, -90.4468



167.0490, 35.9648, -8.8130

Complementary

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



165.3880, -31.7433, 54.9107



163.6120, 31.7433, -54.9107

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.



152.6290, 46.0319, -64.5726



165.3880, -31.7433, 54.9107



131.7540, 32.6593, -115.5483

Square

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



165.3880, -31.7433, 54.9107



152.6490, -18.0680, -38.2802



133.1680, 48.2312, -116.7883



170.8280, 21.2838, 33.4768

Rectangle

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



165.3880, -31.7433, 54.9107



160.7940, -37.8594, 9.8277



133.1680, 48.2312, -116.7883



163.9760, 39.9448, -25.4120

Sweetspot

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



165.3880, -31.7433, 54.9107



233.6620, -10.6794, 18.7134



148.4350, 17.5335, 69.7785



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.



165.3880, -31.7433, 54.9107



170.9360, -42.8594, 73.7241



202.3690, -49.9749, 22.4784



108.9360, -2.9264, 5.3181



90.5020, -44.6175, 77.6127



25.8150, -12.7268, 22.0872

Inverse Universe

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



163.6120, 31.7433, -54.9107



168.0640, 42.8594, -73.7241



126.6310, 49.9749, -22.4784



109.0640, 2.9264, -5.3181



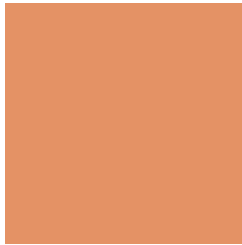
87.9110, 44.9069, -77.0979



25.1850, 12.7268, -22.0872

Previews

White Background



This preview shows how the YUV color 165.3880, -31.7433, 54.9107 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 165.3880, -31.7433, 54.9107 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 165.3880, -31.7433, 54.9107

Background



This preview shows how black text looks on a background with the YUV color 165.3880, -31.7433, 54.9107.



This preview shows how white text looks on a background with the YUV color 165.3880, -31.7433,

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

165.3880, -31.7433, 54.9107

Protanopia

163.9870, -27.1086, 14.9204

Deuteranopia

164.9030, -32.9832, 32.5341



Tritanopia

168.6480, -9.1935, 55.5597

Trichromacy



Original Color

165.3880, -31.7433, 54.9107

Protanomaly

164.6190, -28.8992, 29.2751

Deuteranomaly

164.7730, -32.4261, 40.5411

Tritanomaly

167.4710, -17.4872, 55.7149

Monochromacy



Original Color

165.3880, -31.7433, 54.9107

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.1460, -11.4110, 20.0430

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.3880, -31.7433, 54.9107 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(228, 146, 101)` looks like.

```
.text, #text, p{  
    color:rgb(228, 146, 101)  
}
```

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(228, 146, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 146, 101) }
```

Border

The CSS property to change the border of an element to YUV 165.3880, -31.7433, 54.9107 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(228, 146, 101) }
```


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

```
.border{ border-color:rgb(228, 146, 101) }
```

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

Here you see how a box with a 4 pixel rgb(228, 146, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 146, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 146, 101);  
box-shadow:4px 4px 4px 4px rgb(228, 146,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 165.3880, -31.7433, 54.9107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 146, 101) }
```

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

```
.background{ background-color: rgb(228,  
146, 101) }
```

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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