

Converting Colors

YUV(171.4100, -31.7541,
58.3994)

Have a look what the booklet for
YUV(171.4100, -31.7541, 58.3994)
contains.

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Color

**YUV(171.4100, -31.7541,
58.3994)**

Conversions

Conversions Part 1

Format	Color
Hex	EE966B
RGB	238, 150, 107
RGB Percent	93%, 59%, 42%
CMY	0.0667, 0.4118, 0.5804
CMYK	0.00, 0.37, 0.55, 0.07
HSL	20°, 79%, 68%
HSV	20°, 55%, 93%
XYZ	48.8201, 41.0514, 19.2605
YIQ	171.4100, 66.2510, 5.2830

Conversions

Conversions Part 2

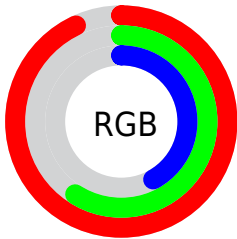
Format	Color
R _Y B	238, 171, 107
Decimal	15636075
CIE Lab	70.21, 28.82, 36.37
CIE LCh	70, 46.407, 51.603
Yxy	41.0514, 0.4473, 0.3762
Android (android.graphics.Color)	4293826155 (0xFFEE966B)
YUV	171.4100, -31.7541, 58.3994
Hunter-Lab	64.0713, 23.8858, 27.0267

Details

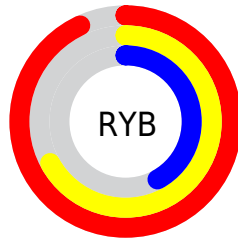
The YUV color **171.4100, -31.7541, 58.3994** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **173.5900, 31.7541, -58.3994**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.7060, -27.4631, 35.3378**, and **117.3600, -29.2645, 53.1813** is the 20% darker color. If you saturate the color by 10%, you get **159.2820, -37.6070, 69.0357**, and if you desaturate by 10%, it is **183.5380, -25.9012, 47.7632**.

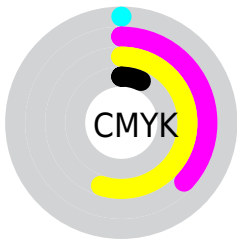
Distribution



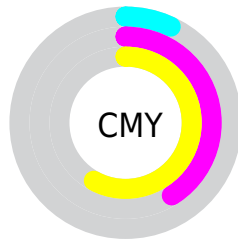
- Red (93%)
- Green (59%)
- Blue (42%)



- Red (93%)
- Yellow (67%)
- Blue (42%)



- Cyan (0%)
- Magenta (37%)
- Yellow (55%)
- Black (7%)



- Cyan (7%)
- Magenta (41%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.4100, -31.7541, 58.3994 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 171.4100, -31.7541, 58.3994 by changing the saturation by 10% instead.

171.4100,
-31.7541, 58.3994

171.4100,
-31.7541, 58.3994

255.0000, 0.0000,
0.0000

144.3280,
-30.7277, 55.8403

214.7060,
-27.4631, 35.3378

117.3600,
-29.2645, 53.1813

234.2200,
-23.7725, 18.2241

91.9790, -28.0906,
50.0074

250.3260,
-17.9087, 4.0991

66.5980, -26.9168,
46.8336

253.6320, -5.2416,
1.1997

43.0690, -21.2330,
43.7895

20.6090, -10.1602,
38.9309

12.6720, -5.7543,

25.7207

■ 0.0000, 0.0000,
0.0000

■ 171.4100,
-31.7541, 58.3994

■ 171.4100,
-31.7541, 58.3994

■ 159.2820,
-37.6070, 69.0357

■ 183.5380,
-25.9012, 47.7632

■ 147.1540,
-43.4599, 79.6719

■ 195.6660,
-20.0483, 37.1269

■ 135.1400,
-48.8760, 90.2082

■ 207.6800,
-14.6322, 26.5906

■ 123.0120,
-54.7289, 100.8445

■ 219.8080, -8.7793,
15.9544

■ 116.9480,
-57.6554, 106.1626

■ 231.9360, -2.9264,
5.3181

■ 244.0640, 2.9264,
-5.3181

■ 249.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



173.2430, -14.9098, 69.0699



171.4100, -31.7541, 58.3994



168.9650, -40.4087, 34.2337

Triad

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



171.4100, -31.7541, 58.3994



144.7580, 6.5283, -87.4878



172.2980, 38.3071, -13.4163

Complementary

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



171.4100, -31.7541, 58.3994



173.5900, 31.7541, -58.3994

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.



156.5570, 48.5324, -73.2795



171.4100, -31.7541, 58.3994



136.2050, 31.9439, -119.4518

Square

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



171.4100, -31.7541, 58.3994



159.0900, -20.2574, -36.0359



137.9610, 48.8262, -120.9918



176.6860, 23.3258, 31.8474

Rectangle

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



171.4100, -31.7541, 58.3994



167.0610, -39.4701, 13.1015



137.9610, 48.8262, -120.9918



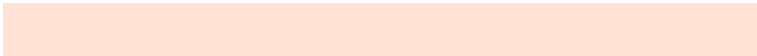
168.5130, 42.1451, -31.1449

Sweetspot

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



171.4100, -31.7541, 58.3994



233.0750, -10.3900, 19.2282



156.4290, 20.0015, 71.5378



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.



171.4100, -31.7541, 58.3994



169.5170, -40.6809, 74.9686



208.9780, -50.2752, 25.4523



113.9360, -2.9264, 5.3181



90.2360, -44.4863, 82.2310



27.3100, -13.4638, 25.1611

Inverse Universe

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



173.5900, 31.7541, -58.3994



172.4830, 40.6809, -74.9686



136.0220, 50.2752, -25.4523



114.0640, 2.9264, -5.3181



93.1770, 44.7757, -81.7162



28.6900, 13.4638, -25.1611

Previews

White Background



This preview shows how the YUV color 171.4100, -31.7541, 58.3994 looks on a white background.

Color Contrast Check

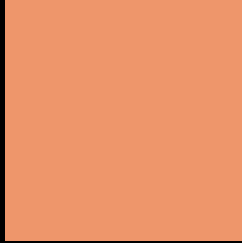
Large Text (above 18pt) WCAG AA × Fail

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 171.4100, -31.7541, 58.3994 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 171.4100, -31.7541, 58.3994 Background



This preview shows how black text looks on a background with the YUV color 171.4100, -31.7541, 58.3994.



This preview shows how white text looks on a background with the YUV color 171.4100, -31.7541,

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

171.4100, -31.7541, 58.3994

Protanopia

169.8020, -26.5244, 14.2056

Deuteranopia

170.6150, -32.8412, 33.6636



Tritanopia

174.4420, -10.0779, 59.2484

Trichromacy



Original Color

171.4100, -31.7541, 58.3994

Protanomaly

170.4450, -28.3204, 30.3047

Deuteranomaly

171.0830, -32.5789, 42.9002

Tritanomaly

173.3790, -17.9348, 59.3036

Monochromacy



Original Color

171.4100, -31.7541, 58.3994

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.8580, -11.2690, 21.1725

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.4100, -31.7541, 58.3994 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(238, 150, 107)` looks like.

```
.text, #text, p{  
    color:rgb(238, 150, 107)  
}
```

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(238, 150, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 150, 107) }
```

Border

The CSS property to change the border of an element to YUV 171.4100, -31.7541, 58.3994 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(238, 150, 107) }
```


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

```
.border{ border-color:rgb(238, 150, 107) }
```

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

Here you see how a box with a 4 pixel rgb(238, 150, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 150, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 150, 107);  
box-shadow:4px 4px 4px 4px rgb(238, 150,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 171.4100, -31.7541, 58.3994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 150, 107) }
```

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

```
.background{ background-color: rgb(238,  
150, 107) }
```

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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