

Converting Colors

YUV(166.8010, -31.4539,
55.4255)

Have a look what the booklet for
YUV(166.8010, -31.4539, 55.4255)
contains.

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Color

**YUV(166.8010, -31.4539,
55.4255)**

Conversions

Conversions Part 1

Format	Color
Hex	E69367
RGB	230, 147, 103
RGB Percent	90%, 58%, 40%
CMY	0.0980, 0.4235, 0.5961
CMYK	0.00, 0.36, 0.55, 0.10
HSL	21°, 72%, 65%
HSV	21°, 55%, 90%
XYZ	45.5150, 38.6697, 17.8971
YIQ	166.8010, 63.5920, 3.9120

Conversions

Conversions Part 2

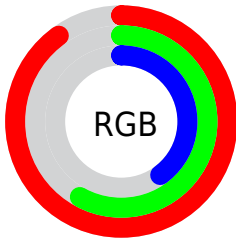
Format	Color
R_{YB}	230, 170, 103
Decimal	15111015
CIE _{Lab}	68.51, 26.91, 36.15
CIE _{LCh}	69, 45.066, 53.342
Yxy	38.6697, 0.4459, 0.3788
Android (android.graphics.Color)	4293301095 (0xFFE69367)
YUV	166.8010, -31.4539, 55.4255
Hunter-Lab	62.1850, 21.8258, 26.4656

Details

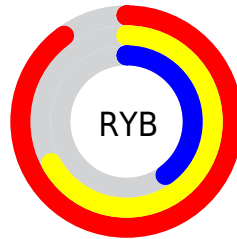
The YUV color **166.8010, -31.4539, 55.4255** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **166.1990, 31.4539, -55.4255**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.9020, -28.0527, 37.7969**, and **113.7510, -28.9642, 50.2074** is the 20% darker color. If you saturate the color by 10%, you get **155.3740, -37.1594, 65.4470**, and if you desaturate by 10%, it is **178.2280, -25.7484, 45.4040**.

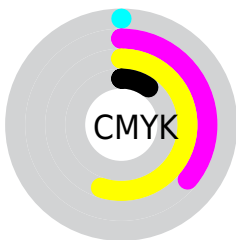
Distribution



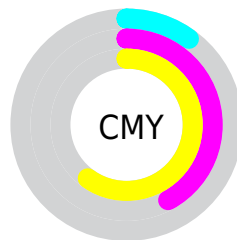
- Red (90%)
- Green (58%)
- Blue (40%)



- Red (90%)
- Yellow (67%)
- Blue (40%)



- Cyan (0%)
- Magenta (36%)
- Yellow (55%)
- Black (10%)



- Cyan (10%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.8010, -31.4539, 55.4255 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 166.8010, -31.4539, 55.4255 by changing the saturation by 10% instead.

166.8010,
-31.4539, 55.4255

166.8010,
-31.4539, 55.4255

255.0000, 0.0000,
0.0000

139.7190,
-30.4275, 52.8664

211.9020,
-28.0527, 37.7969

113.7510,
-28.9642, 50.2074

232.0030,
-24.6515, 20.1684

87.7830, -27.5010,
47.5483

249.8700,
-19.6559, 4.4990

62.8750, -27.0534,
43.9596

253.0620, -7.4256,
1.6996

40.3890, -19.9118,
40.0008

18.5160, -9.1284,
34.6275

10.2800, -4.5750,

20.8024

■ 0.0000, 0.0000,
0.0000

■ 166.8010,
-31.4539, 55.4255

■ 166.8010,
-31.4539, 55.4255

■ 155.3740,
-37.1594, 65.4470

■ 178.2280,
-25.7484, 45.4040

■ 143.9470,
-42.8649, 75.4685

■ 189.6550,
-20.0429, 35.3826

■ 132.5200,
-48.5704, 85.4900

■ 201.0820,
-14.3374, 25.3611

■ 121.0930,
-54.2758, 95.5114

■ 212.5090, -8.6319,
15.3396

■ 115.7300,
-57.0549, 100.2148

■ 223.9360, -2.9264,
5.3181

■ 235.3630, 2.7790,
-4.7034

■ 245.7640, 4.5533,
-13.8250

■ 247.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



168.4060, -15.4832, 66.2959



166.8010, -31.4539, 55.4255



164.5840, -39.2349, 31.0598

Triad

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



166.8010, -31.4539, 55.4255



140.1000, 7.8387, -87.7877



168.4510, 36.2597, -10.0425

Complementary

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



166.8010, -31.4539, 55.4255



166.1990, 31.4539, -55.4255

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.



153.7320, 46.4741, -66.4170



166.8010, -31.4539, 55.4255



132.9280, 32.0805, -116.5779

Square

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



166.8010, -31.4539, 55.4255



154.2470, -18.3628, -37.0506



134.3420, 47.6524, -117.8179



172.2300, 21.5786, 32.2473

Rectangle

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



166.8010, -31.4539, 55.4255



162.0930, -38.0068, 10.4424



134.3420, 47.6524, -117.8179



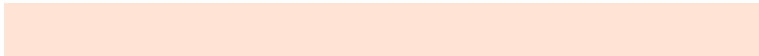
164.9650, 39.9503, -27.1563

Sweetspot

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



166.8010, -31.4539, 55.4255



233.6620, -10.6794, 18.7134



150.6630, 18.4071, 69.5785



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.



166.8010, -31.4539, 55.4255



171.2780, -41.5491, 73.4242



203.1950, -49.3961, 23.5080



108.9360, -2.9264, 5.3181



89.9150, -44.3281, 78.1275



25.8150, -12.7268, 22.0872

Inverse Universe

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



166.1990, 31.4539, -55.4255



170.7220, 41.5491, -73.4242



129.8050, 49.3961, -23.5080



109.0640, 2.9264, -5.3181



89.0850, 44.3281, -78.1275



25.1850, 12.7268, -22.0872

Previews

White Background



This preview shows how the YUV color 166.8010, -31.4539, 55.4255 looks on a white background.

Color Contrast Check

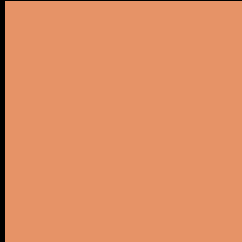
Large Text (above 18pt) WCAG AA × Fail

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 166.8010, -31.4539, 55.4255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

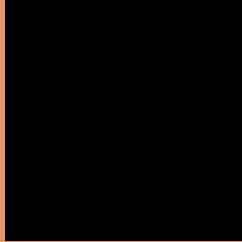
Any Text WCAG AA ✓ Pass

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 166.8010, -31.4539, 55.4255 Background



This preview shows how black text looks on a background with the YUV color 166.8010, -31.4539, 55.4255.



This preview shows how white text looks on a background with the YUV color 166.8010, -31.4539,

55.4255.

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

166.8010, -31.4539, 55.4255

Protanopia

165.1010, -26.6718, 14.8204

Deuteranopia

166.0170, -32.5464, 32.4341



Tritanopia

169.9470, -9.3409, 56.1745

Trichromacy



Original Color

166.8010, -31.4539, 55.4255

Protanomaly

165.7330, -28.4624, 29.1752

Deuteranomaly

166.1860, -32.1367, 41.0559

Tritanomaly

168.8840, -17.1978, 56.2297

Monochromacy



Original Color

166.8010, -31.4539, 55.4255

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.1460, -11.4110, 20.0430

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.8010, -31.4539, 55.4255 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(230, 147, 103)` looks like.

```
.text, #text, p{  
    color:rgb(230, 147, 103)  
}
```

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(230, 147, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 147, 103) }
```

Border

The CSS property to change the border of an element to YUV 166.8010, -31.4539, 55.4255 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(230, 147, 103) }
```


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

```
.border{ border-color:rgb(230, 147, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 147, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 147, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 147, 103);  
box-shadow:4px 4px 4px 4px rgb(230, 147,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 166.8010, -31.4539, 55.4255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 147, 103) }
```

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

```
.background{ background-color: rgb(230,  
147, 103) }
```

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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