

Converting Colors

YUV(163.1050, -29.1388,
59.5439)

Have a look what the booklet for
YUV(163.1050, -29.1388, 59.5439)
contains.

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Color

**YUV(163.1050, -29.1388,
59.5439)**

Conversions

Conversions Part 1

Format	Color
Hex	E78C68
RGB	231, 140, 104
RGB Percent	91%, 55%, 41%
CMY	0.0941, 0.4510, 0.5922
CMYK	0.00, 0.39, 0.55, 0.09
HSL	17°, 73%, 66%
HSV	17°, 55%, 91%
XYZ	44.8318, 36.7446, 17.8262
YIQ	163.1050, 65.7920, 8.0960

Conversions

Conversions Part 2

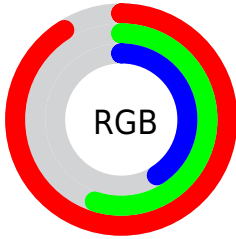
Format	Color
R _Y B	231, 154, 104
Decimal	15174760
CIE Lab	67.08, 31.09, 33.84
CIE LCh	67, 45.950, 47.427
Yxy	36.7446, 0.4510, 0.3697
Android (android.graphics.Color)	4293364840 (0xFFE78C68)
YUV	163.1050, -29.1388, 59.5439
Hunter-Lab	60.6173, 25.9360, 24.9962

Details

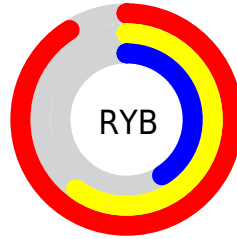
The YUV color **163.1050, -29.1388, 59.5439** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **171.8950, 29.1388, -59.5439**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.9070, -25.5902, 41.3006**, and **109.7560, -26.5017, 53.7110** is the 20% darker color. If you saturate the color by 10%, you get **150.5040, -34.2655, 70.5950**, and if you desaturate by 10%, it is **175.7060, -24.0121, 48.4928**.

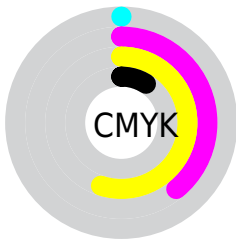
Distribution



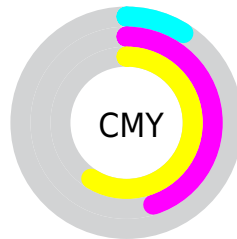
- Red (91%)
- Green (55%)
- Blue (41%)



- Red (91%)
- Yellow (60%)
- Blue (41%)



- Cyan (0%)
- Magenta (39%)
- Yellow (55%)
- Black (9%)



- Cyan (9%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.1050, -29.1388, 59.5439 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 163.1050, -29.1388, 59.5439 by changing the saturation by 10% instead.

163.1050,
-29.1388, 59.5439

163.1050,
-29.1388, 59.5439

255.0000, 0.0000,
0.0000

136.0230,
-28.1123, 56.9848

207.9070,
-25.5902, 41.3006

109.7560,
-26.5017, 53.7110

228.0080,
-22.1889, 23.6720

83.7880, -25.0385,
51.0519

247.5220,
-18.4983, 6.5582

58.8200, -23.5753,
48.3929

253.1760, -6.9888,
1.5996

34.5190, -17.0179,
45.1488

17.3420, -8.5496,
35.6571

9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 163.1050,
-29.1388, 59.5439

■ 163.1050,
-29.1388, 59.5439

■ 150.5040,
-34.2655, 70.5950

■ 175.7060,
-24.0121, 48.4928

■ 138.4900,
-39.6816, 81.1313

■ 187.7200,
-18.5960, 37.9566

■ 125.8890,
-44.8083, 92.1823

■ 200.3210,
-13.4693, 26.9055

■ 113.8750,
-50.2244, 102.7186

■ 212.3350, -8.0532,
16.3692

■ 107.2240,
-52.8614, 108.5516

■ 224.9360, -2.9264,
5.3181

■ 237.0640, 2.9264,
-5.3181

■ 247.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



164.7420, -11.7048, 67.7553



163.1050, -29.1388, 59.5439



160.9160, -39.3986, 36.9077

Triad

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



163.1050, -29.1388, 59.5439



138.7870, 2.5700, -77.8662



162.4820, 39.2024, -20.5937

Complementary

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



163.1050, -29.1388, 59.5439



171.8950, 29.1388, -59.5439

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.



141.8110, 49.8862, -87.5342



163.1050, -29.1388, 59.5439



129.9130, 28.1439, -113.9337

Square

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



163.1050, -29.1388, 59.5439



151.7380, -23.0418, -29.5882



131.6690, 45.0262, -115.4737



167.9240, 25.6735, 25.4997

Rectangle

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



163.1050, -29.1388, 59.5439



158.7950, -39.3389, 17.7198



131.6690, 45.0262, -115.4737



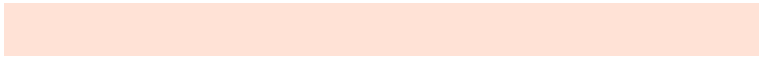
158.2840, 42.7510, -38.8371

Sweetspot

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



163.1050, -29.1388, 59.5439



233.3030, -9.5164, 19.0283



152.3470, 21.0279, 68.9787



114.5840, -5.7109, 11.7658



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.



163.1050, -29.1388, 59.5439



164.8210, -38.3658, 79.0870



200.0860, -47.3704, 27.1116



108.9360, -2.9264, 5.3181



83.4580, -41.1448, 83.7903



23.4670, -11.5692, 24.1464

Inverse Universe

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



171.8950, 29.1388, -59.5439



176.5920, 38.6551, -78.5722



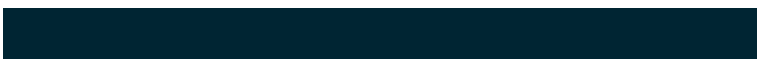
134.9140, 47.3704, -27.1116



109.0640, 2.9264, -5.3181



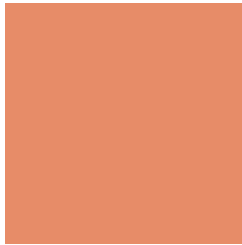
95.5420, 41.1448, -83.7903



27.5330, 11.5692, -24.1464

Previews

White Background



This preview shows how the YUV color 163.1050, -29.1388, 59.5439 looks on a white background.

Color Contrast Check

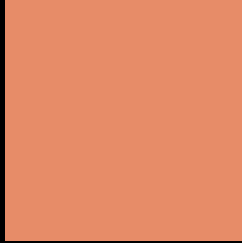
Large Text (above 18pt) WCAG AA × Fail

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 163.1050, -29.1388, 59.5439 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 163.1050, -29.1388, 59.5439

Background



This preview shows how black text looks on a background with the YUV color 163.1050, -29.1388, 59.5439.



This preview shows how white text looks on a background with the YUV color 163.1050, -29.1388,

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

163.1050, -29.1388, 59.5439

Protanopia

162.0730, -24.1930, 13.0910

Deuteranopia

162.2880, -30.2150, 31.3194



Tritanopia

165.7410, -10.2253, 59.8631

Trichromacy



Original Color

163.1050, -29.1388, 59.5439

Protanomaly

162.4280, -25.8470, 30.3196

Deuteranomaly

162.4680, -29.8107, 41.6856

Tritanomaly

164.9060, -17.2087, 59.7184

Monochromacy



Original Color

163.1050, -29.1388, 59.5439

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.3850, -10.5428, 21.5874

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.1050, -29.1388, 59.5439 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(231, 140, 104)` looks like.

```
.text, #text, p{  
    color:rgb(231, 140, 104)  
}
```

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(231, 140, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 140, 104) }
```

Border

The CSS property to change the border of an element to YUV 163.1050, -29.1388, 59.5439 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(231, 140, 104) }
```


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

```
.border{ border-color:rgb(231, 140, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 140, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 140, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 140, 104);  
box-shadow:4px 4px 4px 4px rgb(231, 140,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 163.1050, -29.1388, 59.5439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 140, 104) }
```

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

```
.background{ background-color: rgb(231,  
140, 104) }
```

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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