

Converting Colors

YUV(156.8010, -28.0029,
68.5805)

Have a look what the booklet for
YUV(156.8010, -28.0029, 68.5805)
contains.

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Color

**YUV(156.8010, -28.0029,
68.5805)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8064
RGB	235, 128, 100
RGB Percent	92%, 50%, 39%
CMY	0.0784, 0.4980, 0.6078
CMYK	0.00, 0.46, 0.57, 0.08
HSL	12°, 77%, 66%
HSV	12°, 57%, 92%
XYZ	44.2804, 34.0206, 16.2894
YIQ	156.8010, 72.7600, 13.9760

Conversions

Conversions Part 2

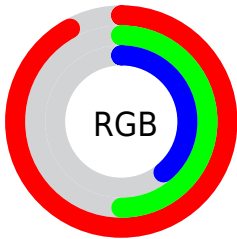
Format	Color
R _Y B	235, 135, 100
Decimal	15433828
CIE Lab	64.98, 38.56, 33.45
CIE LCh	65, 51.046, 40.936
Yxy	34.0206, 0.4681, 0.3597
Android (android.graphics.Color)	4293623908 (0xFFEB8064)
YUV	156.8010, -28.0029, 68.5805
Hunter-Lab	58.3272, 33.4396, 24.2707

Details

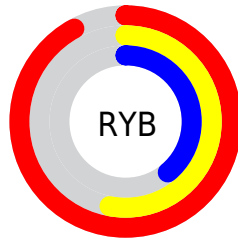
The YUV color **156.8010, -28.0029, 68.5805** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **178.1990, 28.0029, -68.5805**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.2930, -24.3014, 47.9780**, and **102.8650, -25.0764, 63.2624** is the 20% darker color. If you saturate the color by 10%, you get **143.0260, -32.5508, 80.6612**, and if you desaturate by 10%, it is **170.6900, -23.0182, 56.3999**.

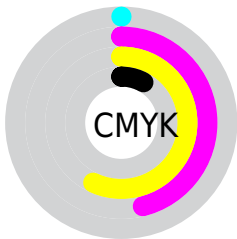
Distribution



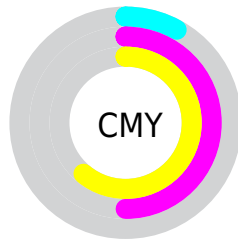
- Red (92%)
- Green (50%)
- Blue (39%)



- Red (92%)
- Yellow (53%)
- Blue (39%)



- Cyan (0%)
- Magenta (46%)
- Yellow (57%)
- Black (8%)



- Cyan (8%)
- Magenta (50%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.8010, -28.0029, 68.5805 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 156.8010, -28.0029, 68.5805 by changing the saturation by 10% instead.

156.8010,
-28.0029, 68.5805

156.8010,
-28.0029, 68.5805

255.0000, 0.0000,
0.0000

129.8330,
-26.5397, 65.9215

200.2930,
-24.3014, 47.9780

102.8650,
-25.0764, 63.2624

219.8070,
-20.6109, 30.8643

76.7120, -23.0290,
59.8886

240.0220,
-16.7728, 13.1357

50.2710, -20.8396,
57.6443

252.6060, -9.1728,
2.0995

26.0130, -12.8244,
53.4856

17.6410, -8.6970,
36.2718

9.3830, -4.1328,

18.9581

■ 0.0000, 0.0000,
0.0000

■ 156.8010,
-28.0029, 68.5805

■ 156.8010,
-28.0029, 68.5805

■ 143.0260,
-32.5508, 80.6612

■ 170.6900,
-23.0182, 56.3999

■ 129.7240,
-37.8249, 92.3271

■ 183.8780,
-18.1809, 44.8340

■ 115.9490,
-42.3729, 104.4077

■ 197.7670,
-13.1961, 32.6533

■ 102.0600,
-47.3576, 116.5884

■ 211.5420, -8.6482,
20.5727

■ 99.0280, -48.8208,
119.2474

■ 224.8440, -3.3741,
8.9068

■ 238.6190, 1.1738,
-3.1739

■ 249.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



158.2250, -7.5059, 74.3477



156.8010, -28.0029, 68.5805



155.2870, -42.0465, 46.2293

Triad

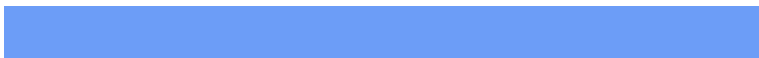
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



156.8010, -28.0029, 68.5805



131.3970, -2.6607, -80.1552



152.6090, 46.5348, -39.1221

Complementary

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



156.8010, -28.0029, 68.5805



178.1990, 28.0029, -68.5805

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.



128.0790, 56.6561, -112.3253



156.8010, -28.0029, 68.5805



126.0830, 23.6231, -110.5748

Square

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



156.8010, -28.0029, 68.5805



146.0500, -29.6046, -24.5998



129.1100, 42.8368, -113.2295



162.1880, 31.9523, 18.2521

Rectangle

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



156.8010, -28.0029, 68.5805



153.0580, -44.8916, 25.3821



129.1100, 42.8368, -113.2295



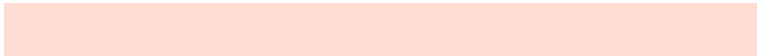
144.4100, 51.5629, -65.2576

Sweetspot

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



156.8010, -28.0029, 68.5805



230.1400, -8.9430, 21.8022



152.6770, 27.2742, 72.1973



112.7090, -5.2795, 13.4102



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.



156.8010, -28.0029, 68.5805



153.3430, -36.6511, 89.1532



196.1300, -47.3921, 34.0890



110.4630, -2.2003, 5.7329



76.4250, -37.6775, 91.7123



22.6030, -11.1433, 27.5352

Inverse Universe

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



178.1990, 28.0029, -68.5805



181.2440, 36.3617, -89.6680



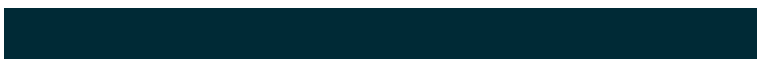
138.8700, 47.3921, -34.0890



112.5370, 2.2003, -5.7329



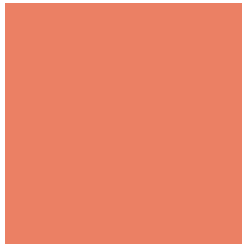
104.5750, 37.6775, -91.7123



30.8100, 11.4327, -27.0204

Previews

White Background



This preview shows how the YUV color 156.8010, -28.0029, 68.5805 looks on a white background.

Color Contrast Check

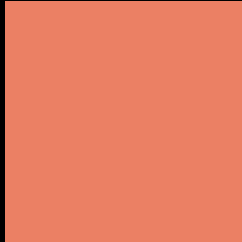
Large Text (above 18pt) WCAG AA × Fail

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 156.8010, -28.0029, 68.5805 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 156.8010, -28.0029, 68.5805

Background



This preview shows how black text looks on a background with the YUV color 156.8010, -28.0029, 68.5805.



This preview shows how white text looks on a background with the YUV color 156.8010, -28.0029,

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

156.8010, -28.0029, 68.5805

Protanopia

156.3440, -21.8616, 11.9763

Deuteranopia

156.9890, -30.0676, 30.7046



Tritanopia

158.6990, -13.1626, 68.6700

Trichromacy



Original Color

156.8010, -28.0029, 68.5805

Protanomaly

156.6070, -23.9633, 32.7937

Deuteranomaly

157.1910, -29.6742, 44.5595

Tritanomaly

157.6190, -18.5462, 68.7401

Monochromacy



Original Color

156.8010, -28.0029, 68.5805

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.5210, -10.1169, 24.9761

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.8010, -28.0029, 68.5805 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(235, 128, 100)` looks like.

```
.text, #text, p{  
    color:rgb(235, 128, 100)  
}
```

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(235, 128, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 128, 100) }
```

Border

The CSS property to change the border of an element to YUV 156.8010, -28.0029, 68.5805 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(235, 128, 100) }
```


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

```
.border{ border-color:rgb(235, 128, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 128, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 128, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 128, 100);  
box-shadow:4px 4px 4px 4px rgb(235, 128,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 156.8010, -28.0029, 68.5805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 128, 100) }
```

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

```
.background{ background-color: rgb(235,  
128, 100) }
```

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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