

Converting Colors

YUV(167.0880, -63.6404,
65.6978)

Have a look what the booklet for
YUV(167.0880, -63.6404, 65.6978)
contains.

YUV(167.0880, -63.6404, 65.6978)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(167.0880, -63.6404,
65.6978)**

Conversions

Conversions Part 1

Format	Color
Hex	F29A26
RGB	242, 154, 38
RGB Percent	95%, 60%, 15%
CMY	0.0510, 0.3961, 0.8510
CMYK	0.00, 0.36, 0.84, 0.05
HSL	34°, 89%, 55%
HSV	34°, 84%, 95%
XYZ	48.5234, 42.1284, 7.4079
YIQ	167.0880, 89.6840, -17.4200

Conversions

Conversions Part 2

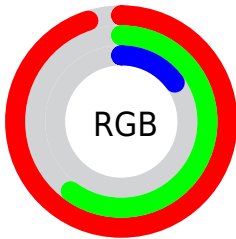
Format	Color
RYB	193, 242, 38
Decimal	15899174
CIELab	70.96, 24.79, 68.28
CIElCh	71, 72.643, 70.047
Yxy	42.1284, 0.4948, 0.4296
Android (android.graphics.Color)	4294089254 (0xFFFF29A26)
YUV	167.0880, -63.6404, 65.6978
Hunter-Lab	64.9064, 19.8587, 38.6676

Details

The YUV color **167.0880, -63.6404, 65.6978** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **112.9120, 63.6404, -65.6978**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.7580, -56.5757, 39.6772**, and **114.2810, -56.3405, 57.6356** is the 20% darker color. If you saturate the color by 10%, you get **158.4820, -71.2296, 73.2453**, and if you desaturate by 10%, it is **175.6940, -56.0511, 58.1504**.

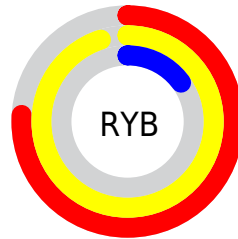
Distribution



Red (95%)

Green (60%)

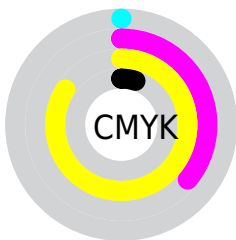
Blue (15%)



Red (76%)

Yellow (95%)

Blue (15%)

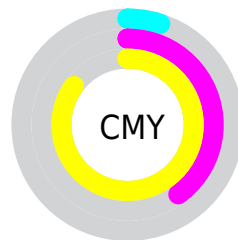


Cyan (0%)

Magenta (36%)

Yellow (84%)

Black (5%)



Cyan (5%)

Magenta (40%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.0880, -63.6404, 65.6978 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 167.0880, -63.6404, 65.6978 by changing the saturation by 10% instead.

167.0880,
-63.6404, 65.6978

167.0880,
-63.6404, 65.6978

255.0000, 0.0000,
0.0000

138.2250,
-68.1449, 63.8237

209.7580,
-56.5757, 39.6772

114.2810,
-56.3405, 57.6356

229.2720,
-52.8851, 22.5635

90.6360, -44.6835,
52.0622

243.0300,
-45.8638, 10.4977

68.1650, -33.6053,
45.4593

246.2220,
-33.6334, 7.6983

45.9930, -22.6745,
39.4711

249.4140,
-21.4031, 4.8989

24.7070, -12.1806,
33.5830

252.7200, -8.7360,

12.0740, -5.4595,

1.9996

24.4911

■ 0.0000, 0.0000,
0.0000

■ 167.0880,
-63.6404, 65.6978

■ 167.0880,
-63.6404, 65.6978

■ 158.4820,
-71.2296, 73.2453

■ 175.6940,
-56.0511, 58.1504

■ 153.3640,
-75.6085, 77.7338

■ 184.8870,
-48.7513, 50.0881

■ 193.6070,
-40.7253, 42.4407

■ 202.8000,
-33.4254, 34.3784

■ 211.4060,
-25.8362, 26.8309

■ 220.5990,
-18.5363, 18.7687

■ 229.2050,
-10.9471, 11.2212

■ 238.5120, -3.2104,
3.0590

■ 247.0040, 3.9420,
-4.3885

Harmonies

Analogous

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



160.6950, -33.8666, 82.7055



167.0880, -63.6404, 65.6978



161.3540, -74.1245, 21.6145

Triad

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



167.0880, -63.6404, 65.6978



142.5650, 25.8505, -125.0295



176.0670, 38.9140, 25.3742

Complementary

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



167.0880, -63.6404, 65.6978



112.9120, 63.6404, -65.6978

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.



150.0450, 51.7428, -76.3385



167.0880, -63.6404, 65.6978



147.6440, 52.9265, -129.4838

Square

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



167.0880, -63.6404, 65.6978



132.9380, -3.4204, -116.5866



142.3610, 55.5310, -124.8506



170.0040, 24.6480, 74.5415

Rectangle

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



167.0880, -63.6404, 65.6978



157.8190, -56.1128, -15.6273



142.3610, 55.5310, -124.8506



172.0700, 40.8845, -0.0614

Sweetspot

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



167.0880, -63.6404, 65.6978



231.2680, -19.8521, 20.8130



109.0280, 8.3672, 116.6164



113.5750, -12.1155, 12.6507



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.



167.0880, -63.6404, 65.6978



161.3600, -79.5505, 82.1223



214.5580, -87.0431, 11.7886



115.6970, -3.7946, 3.7737



116.0640, -57.2196, 59.5799



35.5280, -17.5153, 17.9539

Inverse Universe

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



112.9120, 63.6404, -65.6978



93.6400, 79.5505, -82.1223



65.4420, 87.0431, -11.7886



112.3030, 3.7946, -3.7737



67.3490, 57.5089, -59.0651



20.4720, 17.5153, -17.9539

Previews

White Background



This preview shows how the YUV color 167.0880, -63.6404, 65.6978 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 167.0880, -63.6404, 65.6978 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 167.0880, -63.6404, 65.6978

Background



This preview shows how black text looks on a background with the YUV color 167.0880, -63.6404, 65.6978.



This preview shows how white text looks on a background with the YUV color 167.0880, -63.6404,

65.6978.

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

167.0880, -63.6404, 65.6978

Protanopia

165.6440, -60.4635, 26.6222

Deuteranopia

166.2830, -66.2015, 47.1098



Tritanopia

176.2360, -10.9623, 62.9370

Trichromacy



Original Color

167.0880, -63.6404, 65.6978

Protanomaly

166.3900, -61.8173, 40.8770

Deuteranomaly

166.5550, -65.3496, 53.8873

Tritanomaly

173.1980, -30.1706, 63.8474

Monochromacy



Original Color

167.0880, -63.6404, 65.6978

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.7800, -23.0625, 23.8719

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.0880, -63.6404, 65.6978 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(242, 154, 38)` looks like.

```
.text, #text, p{  
    color:rgb(242, 154, 38)  
}
```

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(242, 154, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 154, 38) }
```

Border

The CSS property to change the border of an element to YUV 167.0880, -63.6404, 65.6978 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(242, 154, 38) }
```


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

```
.border{ border-color:rgb(242, 154, 38) }
```

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

Here you see how a box with a 4 pixel rgb(242, 154, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 154, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 154, 38);  
box-shadow:4px 4px 4px 4px rgb(242, 154,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 167.0880, -63.6404, 65.6978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 154, 38) }
```

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

```
.background{ background-color: rgb(242,  
154, 38) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor