

Converting Colors

YUV(163.6980, -48.6581,
66.9169)

Have a look what the booklet for
YUV(163.6980, -48.6581, 66.9169)
contains.

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Color

**YUV(163.6980, -48.6581,
66.9169)**

Conversions

Conversions Part 1

Format	Color
Hex	F09041
RGB	240, 144, 65
RGB Percent	94%, 56%, 25%
CMY	0.0588, 0.4353, 0.7451
CMYK	0.00, 0.40, 0.73, 0.06
HSL	27°, 85%, 60%
HSV	27°, 73%, 94%
XYZ	46.8626, 38.8534, 10.0306
YIQ	163.6980, 82.5750, -4.2170

Conversions

Conversions Part 2

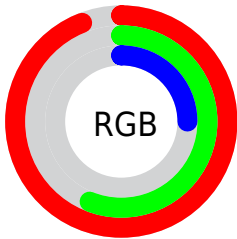
Format	Color
R _Y B	240, 209, 65
Decimal	15765569
CIE Lab	68.64, 30.15, 55.61
CIE LCh	69, 63.261, 61.534
Yxy	38.8534, 0.4894, 0.4058
Android (android.graphics.Color)	4293955649 (0xFFFF09041)
YUV	163.6980, -48.6581, 66.9169
Hunter-Lab	62.3325, 25.1172, 34.0918

Details

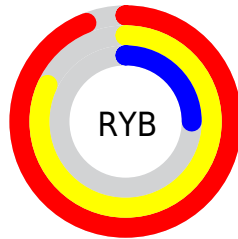
The YUV color **163.6980, -48.6581, 66.9169** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **141.3020, 48.6581, -66.9169**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8090, -43.7828, 43.1405**, and **108.6110, -50.0942, 60.8542** is the 20% darker color. If you saturate the color by 10%, you get **153.3310, -55.3792, 76.0087**, and if you desaturate by 10%, it is **174.0650, -41.9370, 57.8250**.

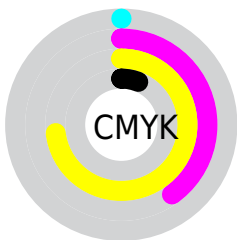
Distribution



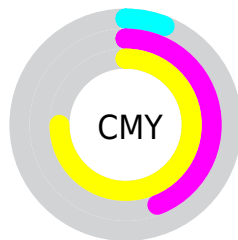
- Red (94%)
- Green (56%)
- Blue (25%)



- Red (94%)
- Yellow (82%)
- Blue (25%)



- Cyan (0%)
- Magenta (40%)
- Yellow (73%)
- Black (6%)



- Cyan (6%)
- Magenta (44%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.6980, -48.6581, 66.9169 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 163.6980, -48.6581, 66.9169 by changing the saturation by 10% instead.

163.6980,
-48.6581, 66.9169

163.6980,
-48.6581, 66.9169

255.0000, 0.0000,
0.0000

136.2030,
-47.9211, 63.8430

205.8090,
-43.7828, 43.1405

108.6110,
-50.0942, 60.8542

225.7960,
-40.8184, 25.6119

84.1680, -41.4948,
55.9807

245.4240,
-36.6910, 8.3982

61.4090, -30.2746,
50.5073

248.6160,
-24.4607, 5.5988

39.2370, -19.3438,
44.5192

251.8080,
-12.2303, 2.7994

18.5380, -9.1392,
38.1162

11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,
0.0000

■ 163.6980,
-48.6581, 66.9169

■ 163.6980,
-48.6581, 66.9169

■ 153.3310,
-55.3792, 76.0087

■ 174.0650,
-41.9370, 57.8250

■ 142.9640,
-62.1003, 85.1006

■ 184.4320,
-35.2160, 48.7331

■ 135.1560,
-66.6319, 91.9482

■ 194.7990,
-28.4949, 39.6413

■ 205.7530,
-22.0632, 30.0346

■ 216.1200,
-15.3422, 20.9428

■ 226.4870, -8.6211,
11.8509

■ 236.8540, -1.9000,
2.7590

■ 246.9930, 3.9475,
-6.1329

■ 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



160.5130, -24.4099, 82.8651



163.6980, -48.6581, 66.9169



160.4210, -58.8746, 30.3258

Triad

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



163.6980, -48.6581, 66.9169



133.7310, 17.3876, -117.2821



169.1350, 42.3314, 2.5126

Complementary

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



163.6980, -48.6581, 66.9169



141.3020, 48.6581, -66.9169

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.



130.6210, 61.3188, -114.5546



163.6980, -48.6581, 66.9169



139.6420, 42.5745, -122.4660

Square

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



163.6980, -48.6581, 66.9169



138.1120, -13.8592, -81.6592



138.8390, 57.2674, -121.7618



171.4320, 25.4230, 59.2571

Rectangle

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



163.6980, -48.6581, 66.9169



156.9550, -52.2358, 0.9165



138.8390, 57.2674, -121.7618



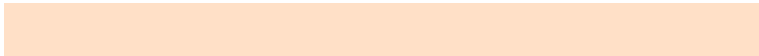
163.9640, 44.8807, -21.8934

Sweetspot

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



163.6980, -48.6581, 66.9169



230.4190, -15.4896, 21.5575



128.2690, 16.1364, 97.9881



112.9710, -9.3527, 13.1804



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.



163.6980, -48.6581, 66.9169



157.2630, -62.2477, 85.7153



214.7670, -73.8351, 22.1293



114.5230, -3.2158, 4.8033



103.7370, -51.1423, 70.3907



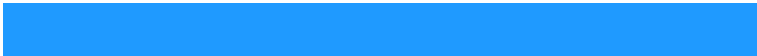
31.4190, -15.4896, 21.5575

Inverse Universe

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



141.3020, 48.6581, -66.9169



128.7370, 62.2477, -85.7153



90.2330, 73.8351, -22.1293



112.8900, 3.5052, -4.2885



80.2630, 51.1423, -70.3907



24.5810, 15.4896, -21.5575

Previews

White Background



This preview shows how the YUV color 163.6980, -48.6581, 66.9169 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 163.6980, -48.6581, 66.9169 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 163.6980, -48.6581, 66.9169

Background



This preview shows how black text looks on a background with the YUV color 163.6980, -48.6581, 66.9169.



This preview shows how white text looks on a background with the YUV color 163.6980, -48.6581, 66.9169.

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

163.6980, -48.6581, 66.9169

Protanopia

162.7370, -44.7333, 21.2787

Deuteranopia

163.0770, -50.3240, 41.1515



Tritanopia

169.0300, -11.8468, 66.6257

Trichromacy



Original Color

163.6980, -48.6581, 66.9169

Protanomaly

162.7930, -46.2399, 37.8925

Deuteranomaly

163.5450, -50.0617, 50.3880

Tritanomaly

166.8870, -25.0873, 66.7511

Monochromacy



Original Color

163.6980, -48.6581, 66.9169

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.1590, -17.8264, 24.4166

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.6980, -48.6581, 66.9169 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(240, 144, 65)` looks like.

```
.text, #text, p{  
    color:rgb(240, 144, 65)  
}
```

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(240, 144, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 144, 65) }
```

Border

The CSS property to change the border of an element to YUV 163.6980, -48.6581, 66.9169 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(240, 144, 65) }
```


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

```
.border{ border-color:rgb(240, 144, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 144, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 144, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 144, 65);  
box-shadow:4px 4px 4px 4px rgb(240, 144,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 163.6980, -48.6581, 66.9169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 144, 65) }
```

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

```
.background{ background-color: rgb(240,  
144, 65) }
```

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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