

Converting Colors

YUV(168.0190, -48.8164,
71.0203)

Have a look what the booklet for
YUV(168.0190, -48.8164, 71.0203)
contains.

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Color

**YUV(168.0190, -48.8164,
71.0203)**

Conversions

Conversions Part 1

Format	Color
Hex	F99245
RGB	249, 146, 69
RGB Percent	98%, 57%, 27%
CMY	0.0235, 0.4275, 0.7294
CMYK	0.00, 0.41, 0.72, 0.02
HSL	26°, 94%, 62%
HSV	26°, 72%, 98%
XYZ	50.4200, 41.1272, 10.9111
YIQ	168.0190, 86.1050, -2.1110

Conversions

Conversions Part 2

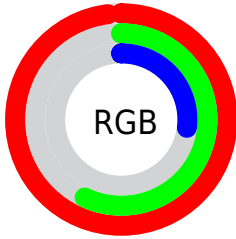
Format	Color
R _Y B	249, 204, 69
Decimal	16355909
CIE Lab	70.26, 32.92, 55.84
CIE LCh	70, 64.819, 59.475
Yxy	41.1272, 0.4921, 0.4014
Android (android.graphics.Color)	4294545989 (0xFFFF99245)
YUV	168.0190, -48.8164, 71.0203
Hunter-Lab	64.1305, 28.1101, 34.8037

Details

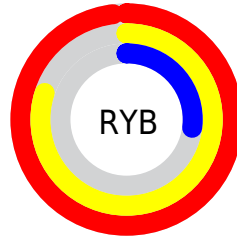
The YUV color **168.0190, -48.8164, 71.0203** is a light color, and the websafe version is hex **FF9933**, and the color name is **royal orange**. The color can be described as light washed orange. A complement of this color would be **149.9810, 48.8164, -71.0203**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0260, -42.9038, 41.1962**, and **112.6870, -48.6527, 65.1725** is the 20% darker color. If you saturate the color by 10%, you get **156.9510, -55.6848, 80.7270**, and if you desaturate by 10%, it is **179.0870, -41.9479, 61.3137**.

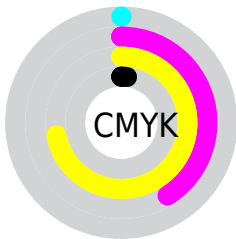
Distribution



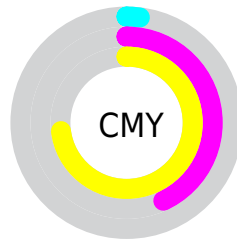
- Red (98%)
- Green (57%)
- Blue (27%)



- Red (98%)
- Yellow (80%)
- Blue (27%)



- Cyan (0%)
- Magenta (41%)
- Yellow (72%)
- Black (2%)



- Cyan (2%)
- Magenta (43%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.0190, -48.8164, 71.0203 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 168.0190, -48.8164, 71.0203 by changing the saturation by 10% instead.

168.0190,
-48.8164, 71.0203

168.0190,
-48.8164, 71.0203

255.0000, 0.0000,
0.0000

140.5240,
-48.0793, 67.9465

208.0260,
-42.9038, 41.1962

112.6870,
-48.6527, 65.1725

227.5400,
-39.2132, 24.0824

87.7340, -43.2529,
59.8693

245.8800,
-34.9438, 7.9982

64.3880, -31.7433,
54.9107

249.0720,
-22.7135, 5.1989

41.3300, -20.3757,
48.8226

252.3780,
-10.0464, 2.2995

20.6310, -10.1711,
42.4196

13.5690, -6.1965,

27.5650

■ 0.0000, 0.0000,
0.0000

■ 168.0190,
-48.8164, 71.0203

■ 168.0190,
-48.8164, 71.0203

■ 156.9510,
-55.6848, 80.7270

■ 179.0870,
-41.9479, 61.3137

■ 145.8830,
-62.5533, 90.4336

■ 190.1550,
-35.0794, 51.6071

■ 137.2600,
-67.6692, 97.9960

■ 201.8100,
-28.5003, 41.3856

■ 212.8780,
-21.6319, 31.6790

■ 223.9460,
-14.7634, 21.9724

234.9000, -8.3317,
12.3657

246.5550, -1.7526,
2.1443

253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



162.3710, -22.3679, 81.2356



168.0190, -48.8164, 71.0203



164.9870, -60.6326, 34.2144

Triad

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



168.0190, -48.8164, 71.0203



136.6660, 15.9407, -119.8561



172.0590, 40.8899, -1.8057

Complementary

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



168.0190, -48.8164, 71.0203



149.9810, 48.8164, -71.0203

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.



134.1430, 59.5825, -117.6434



168.0190, -48.8164, 71.0203



142.8050, 42.0011, -125.2400

Square

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



168.0190, -48.8164, 71.0203



143.6350, -17.0751, -76.8559



142.3610, 55.5310, -124.8506



176.4040, 27.9018, 57.5277

Rectangle

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



168.0190, -48.8164, 71.0203



160.8800, -55.1568, 4.4902



142.3610, 55.5310, -124.8506



166.2900, 43.7340, -27.4413

Sweetspot

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



168.0190, -48.8164, 71.0203



229.8320, -15.2002, 22.0723



134.7900, 19.3305, 100.1622



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.



168.0190, -48.8164, 71.0203



155.1430, -60.2165, 87.5746



219.6750, -74.2828, 25.7180



119.4090, -3.6526, 4.9033



104.0580, -51.3006, 74.4941



33.5010, -16.5160, 24.1166

Inverse Universe

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



149.9810, 48.8164, -71.0203



132.8570, 60.2165, -87.5746



98.3250, 74.2828, -25.7180



118.1780, 3.3632, -5.4181



84.9420, 51.3006, -74.4941



27.4990, 16.5160, -24.1166

Previews

White Background



This preview shows how the YUV color 168.0190, -48.8164, 71.0203 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 168.0190, -48.8164, 71.0203 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 168.0190, -48.8164, 71.0203

Background



This preview shows how black text looks on a background with the YUV color 168.0190, -48.8164, 71.0203.



This preview shows how white text looks on a background with the YUV color 168.0190, -48.8164, 71.0203.

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

168.0190, -48.8164, 71.0203

Protanopia

166.8510, -44.2965, 21.1787

Deuteranopia

167.8490, -51.1976, 41.3514



Tritanopia

172.8240, -12.7312, 70.3144

Trichromacy



Original Color

168.0190, -48.8164, 71.0203

Protanomaly

167.5050, -46.0980, 39.0221

Deuteranomaly

167.5560, -50.0671, 52.1324

Tritanomaly

171.0940, -25.6823, 70.9546

Monochromacy



Original Color

168.0190, -48.8164, 71.0203

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.8710, -17.6844, 25.5461

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.0190, -48.8164, 71.0203 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(249, 146, 69)` looks like.

```
.text, #text, p{  
    color:rgb(249, 146, 69)  
}
```

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(249, 146, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 146, 69) }
```

Border

The CSS property to change the border of an element to YUV 168.0190, -48.8164, 71.0203 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(249, 146, 69) }
```


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

```
.border{ border-color:rgb(249, 146, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 146, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 146, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 146, 69);  
box-shadow:4px 4px 4px 4px rgb(249, 146,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 168.0190, -48.8164, 71.0203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 146, 69) }
```

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

```
.background{ background-color: rgb(249,  
146, 69) }
```

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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