

Converting Colors

YUV(152.9050, -45.8022,
84.2753)

Have a look what the booklet for
YUV(152.9050, -45.8022, 84.2753)
contains.

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Color

**YUV(152.9050, -45.8022,
84.2753)**

Conversions

Conversions Part 1

Format	Color
Hex	F97A3C
RGB	249, 122, 60
RGB Percent	98%, 48%, 24%
CMY	0.0235, 0.5216, 0.7647
CMYK	0.00, 0.51, 0.76, 0.02
HSL	20°, 94%, 61%
HSV	20°, 76%, 98%
XYZ	46.8421, 34.3850, 8.4431
YIQ	152.9050, 95.5940, 7.6420

Conversions

Conversions Part 2

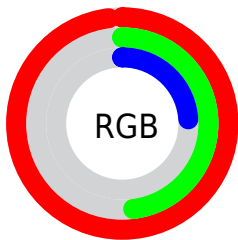
Format	Color
R _Y B	249, 152, 60
Decimal	16349756
CIE Lab	65.27, 44.66, 54.83
CIE LCh	65, 70.713, 50.839
Yxy	34.3850, 0.5224, 0.3835
Android (android.graphics.Color)	4294539836 (0xFFFF97A3C)
YUV	152.9050, -45.8022, 84.2753
Hunter-Lab	58.6388, 39.9723, 32.5103

Details

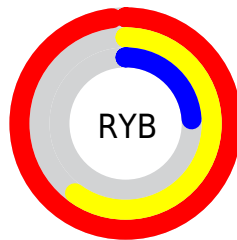
The YUV color **152.9050, -45.8022, 84.2753** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **156.0950, 45.8022, -84.2753**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.7980, -40.3264, 54.5512**, and **96.5730, -45.6385, 78.4275** is the 20% darker color. If you saturate the color by 10%, you get **140.0760, -51.8025, 95.5263**, and if you desaturate by 10%, it is **165.7340, -39.8019, 73.0243**.

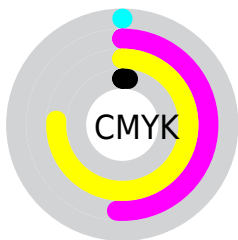
Distribution



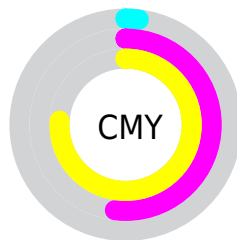
- Red (98%)
- Green (48%)
- Blue (24%)



- Red (98%)
- Yellow (60%)
- Blue (24%)



- Cyan (0%)
- Magenta (51%)
- Yellow (76%)
- Black (2%)




- Cyan (2%)
- Magenta (52%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 152.9050, -45.8022, 84.2753 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 152.9050, -45.8022, 84.2753 by changing the saturation by 10% instead.


 152.9050,
-45.8022, 84.2753


 152.9050,
-45.8022, 84.2753


255.0000, 0.0000,
0.0000


 125.2250,
-44.4809, 80.4867


 192.7980,
-40.3264, 54.5512

 96.5730, -45.6385,
78.4275


 212.1980,
-37.0726, 37.5374


 71.5860, -35.2919,
73.1541


 231.7120,
-33.3820, 20.4236

 43.5330, -21.4618,
70.5696

 247.8180,
-27.5183, 6.2986

 28.1060, -13.8563,
57.7890

 251.0100,
-15.2879, 3.4992

 19.4350, -9.5815,
39.9605

 254.3160, -2.6208,

 11.4760, -5.1647,

0.5999

23.2615

■ 0.0000, 0.0000,
0.0000

■ 152.9050,
-45.8022, 84.2753

■ 152.9050,
-45.8022, 84.2753

■ 140.0760,
-51.8025, 95.5263

■ 165.7340,
-39.8019, 73.0243

■ 127.8340,
-58.0922, 106.2626

■ 177.9760,
-33.5122, 62.2880

■ 122.5850,
-60.4344, 110.8660

■ 190.8050,
-27.5119, 51.0370

■ 203.6340,
-21.5116, 39.7860

■ 216.4630,
-15.5113, 28.5349

228.5910, -9.6584,
17.8987

241.4200, -3.6581,
6.6477

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.



147.1090, -14.8437, 94.6204



152.9050, -45.8022, 84.2753



148.7580, -73.3377, 49.3242

Triad

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



152.9050, -45.8022, 84.2753



125.2730, 5.2884, -109.8644



152.4020, 50.5808, -30.1706

Complementary

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



152.9050, -45.8022, 84.2753



156.0950, 45.8022, -84.2753

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.



130.0340, 61.6082, -114.0398



152.9050, -45.8022, 84.2753



133.3840, 33.8277, -116.9778

Square

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



152.9050, -45.8022, 84.2753



133.1070, -29.6328, -62.3608



137.0780, 58.1355, -120.2174



162.5580, 37.6859, 45.9916

Rectangle

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



152.9050, -45.8022, 84.2753



145.9130, -71.9351, 19.3703



137.0780, 58.1355, -120.2174



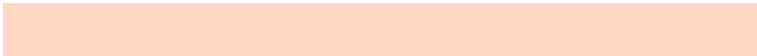
136.4670, 58.4368, -76.7086

Sweetspot

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



152.9050, -45.8022, 84.2753



225.3810, -14.4848, 25.9759



131.2170, 28.4870, 103.2957



109.8080, -8.7793, 15.9544



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.



152.9050, -45.8022, 84.2753



136.9800, -56.1921, 103.5035



206.9090, -72.4261, 36.9138



118.8220, -3.3632, 5.4181



92.9050, -45.8022, 84.2753



29.9790, -14.7796, 27.2054

Inverse Universe

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



156.0950, 45.8022, -84.2753



141.0200, 56.1921, -103.5035



102.0910, 72.4261, -36.9138



118.7650, 3.0739, -5.9329



96.0950, 45.8022, -84.2753



31.0210, 14.7796, -27.2054

Previews

White Background



This preview shows how the YUV color 152.9050, -45.8022, 84.2753 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 152.9050, -45.8022, 84.2753 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 152.9050, -45.8022, 84.2753

Background



This preview shows how black text looks on a background with the YUV color 152.9050, -45.8022, 84.2753.



This preview shows how white text looks on a background with the YUV color 152.9050, -45.8022, 84.2753.

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

152.9050, -45.8022, 84.2753

Protanopia

154.0510, -40.9441, 19.2493

Deuteranopia

154.0660, -50.3185, 39.4071



Tritanopia

156.8750, -16.7004, 83.4246

Trichromacy



Original Color

152.9050, -45.8022, 84.2753

Protanomaly

154.0370, -42.9092, 42.9406

Deuteranomaly

153.3330, -48.4782, 55.8360

Tritanomaly

155.7150, -27.4675, 83.5649

Monochromacy



Original Color

152.9050, -45.8022, 84.2753

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.1320, -16.8271, 30.5792

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.9050, -45.8022, 84.2753 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, 122, 60)` looks like.

```
.text, #text, p{  
    color:rgb(249, 122, 60)  
}
```

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, 122, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 122, 60) }
```

Border

The CSS property to change the border of an element to YUV 152.9050, -45.8022, 84.2753 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, 122, 60) }
```


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

```
.border{ border-color:rgb(249, 122, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 122, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 122, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 122, 60);  
box-shadow:4px 4px 4px 4px rgb(249, 122,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 152.9050, -45.8022, 84.2753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 122, 60) }
```

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

```
.background{ background-color: rgb(249,  
122, 60) }
```

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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