

# Converting Colors

YUV(152.9330, -48.2810,  
86.0048)

Have a look what the booklet for  
YUV(152.9330, -48.2810, 86.0048)  
contains.

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# Color

**YUV(152.9330, -48.2810,  
86.0048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB7A37
RGB	251, 122, 55
RGB Percent	98%, 48%, 22%
CMY	0.0157, 0.5216, 0.7843
CMYK	0.00, 0.51, 0.78, 0.02
HSL	21°, 96%, 60%
HSV	21°, 78%, 98%
XYZ	47.4328, 34.7041, 7.8130
YIQ	152.9330, 98.3910, 6.5110

# Conversions

## Conversions Part 2

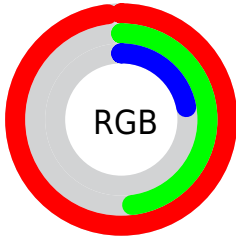
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 157, 55
Decimal	16480823
CIE <sub>Lab</sub>	65.52, 45.23, 57.44
CIE <sub>LCh</sub>	66, 73.108, 51.782
Yxy	34.7041, 0.5273, 0.3858
Android (android.graphics.Color)	4294670903 (0xFFFB7A37)
YUV	152.9330, -48.2810, 86.0048
Hunter-Lab	58.9102, 40.6301, 33.3738

# Details

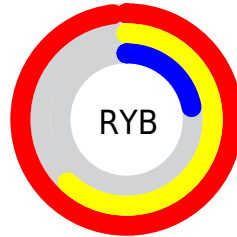
The YUV color **152.9330, -48.2810, 86.0048** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **153.0670, 48.2810, -86.0048**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.2280, -42.5104, 55.0510**, and **96.4160, -47.5331, 79.4422** is the 20% darker color. If you saturate the color by 10%, you get **140.1040, -54.2813, 97.2558**, and if you desaturate by 10%, it is **165.7620, -42.2807, 74.7537**.

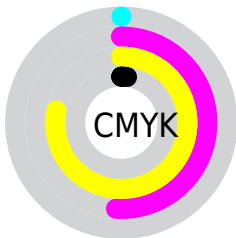
# Distribution



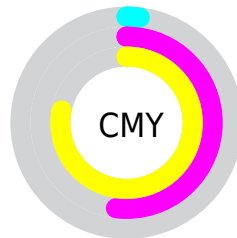
- Red (98%)
- Green (48%)
- Blue (22%)



- Red (98%)
- Yellow (62%)
- Blue (22%)



- Cyan (0%)
- Magenta (51%)
- Yellow (78%)
- Black (2%)



- Cyan (2%)
- Magenta (52%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.9330, -48.2810, 86.0048 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 152.9330, -48.2810, 86.0048 by changing the saturation by 10% instead.



152.9330,  
-48.2810, 86.0048

152.9330,  
-48.2810, 86.0048

255.0000, 0.0000,  
0.0000

125.1390,  
-47.3965, 82.3161

192.2280,  
-42.5104, 55.0510

96.4160, -47.5331,  
79.4422

211.7420,  
-38.8198, 37.9373

71.8850, -35.4393,  
73.7689

231.8430,  
-35.4186, 20.3087

43.5440, -21.4672,  
72.3139

247.2480,  
-29.7023, 6.7985

28.4050, -14.0037,  
58.4038

250.4400,  
-17.4719, 3.9991

20.0330, -9.8763,  
41.1901

253.7460, -4.8048,

11.7750, -5.3121,

1.0998

23.8763

■ 0.0000, 0.0000,  
0.0000

■ 152.9330,  
-48.2810, 86.0048

■ 152.9330,  
-48.2810, 86.0048

■ 140.1040,  
-54.2813, 97.2558

■ 165.7620,  
-42.2807, 74.7537

■ 127.8620,  
-60.5710, 107.9920

■ 178.0040,  
-35.9910, 64.0175

■ 125.5310,  
-61.8868, 110.0363

■ 190.8330,  
-29.9907, 52.7665

■ 203.0750,  
-23.7010, 42.0302

■ 216.0180,  
-17.2639, 30.6792

228.2600,  
-10.9742, 19.9430

241.0890, -4.9739,  
8.6919

253.2170, 0.8790,  
-1.9443

253.8040, 0.5896,  
-2.4591

# Harmonies

## Analogous

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



145.7070, -15.1386, 95.8500



152.9330, -48.2810, 86.0048



149.3450, -73.6271, 48.8094

# Triad

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



152.9330, -48.2810, 86.0048



126.0880, 5.8726, -110.5792



152.4130, 50.5754, -28.4262

# Complementary

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



152.9330, -48.2810, 86.0048



153.0670, 48.2810, -86.0048

# 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



152.9330, -48.2810, 86.0048



134.4270, 35.2855, -117.8925

# Square

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



152.9330, -48.2810, 86.0048



130.2910, -28.7375, -69.5382



137.6650, 57.8462, -120.7322



163.1070, 38.4012, 49.8952



# Rectangle

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



152.9330, -48.2810, 86.0048



145.9020, -71.9297, 17.6259



137.6650, 57.8462, -120.7322



136.1680, 58.5842, -77.3233

# Sweetspot

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



152.9330, -48.2810, 86.0048



225.3810, -14.4848, 25.9759



128.5380, 28.3288, 107.3992



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.



152.9330, -48.2810, 86.0048



134.8940, -59.1077, 105.3330



209.2850, -76.0625, 36.5841



118.8220, -3.3632, 5.4181



94.6660, -46.6703, 82.7309



30.5660, -15.0690, 26.6906

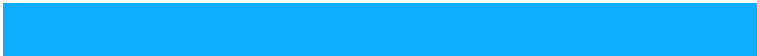


# Inverse Universe

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



153.0670, 48.2810, -86.0048



135.1060, 59.1077, -105.3330



96.7150, 76.0625, -36.5841



118.7650, 3.0739, -5.9329



94.3340, 46.6703, -82.7309



30.4340, 15.0690, -26.6906



# Previews

## White Background



This preview shows how the YUV color 152.9330, -48.2810, 86.0048 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 152.9330, -48.2810, 86.0048 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 152.9330, -48.2810, 86.0048

## Background



This preview shows how black text looks on a background with the YUV color 152.9330, -48.2810, 86.0048.



This preview shows how white text looks on a background with the YUV color 152.9330, -48.2810, 86.0048.



# 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

152.9330, -48.2810, 86.0048

### Protanopia

154.5520, -44.1491, 20.5639

### Deuteranopia

153.6810, -53.0867, 40.6218



## Tritanopia

157.4730, -16.9952, 84.6542

# Trichromacy



## Original Color

152.9330, -48.2810, 86.0048

## Protanomaly

153.9510, -45.8248, 44.7700

## Deuteranomaly

153.2470, -51.3938, 57.6654

## Tritanomaly

156.0850, -28.6359, 84.9945

# Monochromacy



## Original Color

152.9330, -48.2810, 86.0048

## Achromatopsia

153.0000, 0.0000, 0.0000

## Achromatomaly

153.2030, -17.8481, 31.3940

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.9330, -48.2810, 86.0048 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(251, 122, 55)` looks like.

```
.text, #text, p{  
    color:rgb(251, 122, 55)  
}
```

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(251, 122, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 122, 55) }
```

## Border

The CSS property to change the border of an element to YUV 152.9330, -48.2810, 86.0048 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(251, 122, 55) }
```



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

```
.border{ border-color:rgb(251, 122, 55) }
```

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

Here you see how a box with a 4 pixel rgb(251, 122, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 122, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 122, 55);  
box-shadow:4px 4px 4px 4px rgb(251, 122,  
55) }
```

# Background

The CSS property to change the background color of an element to YUV 152.9330, -48.2810, 86.0048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 122, 55) }
```

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

```
.background{ background-color: rgb(251,  
122, 55) }
```

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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