

Converting Colors

YUV(152.5310, -48.5758,
87.2343)

Have a look what the booklet for
YUV(152.5310, -48.5758, 87.2343)
contains.

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Color

**YUV(152.5310, -48.5758,
87.2343)**

Conversions

Conversions Part 1

Format	Color
Hex	FC7936
RGB	252, 121, 54
RGB Percent	99%, 47%, 21%
CMY	0.0118, 0.5255, 0.7882
CMYK	0.00, 0.52, 0.79, 0.01
HSL	20°, 97%, 60%
HSV	20°, 79%, 99%
XYZ	47.6481, 34.6365, 7.6642
YIQ	152.5310, 99.5830, 6.9350

Conversions

Conversions Part 2

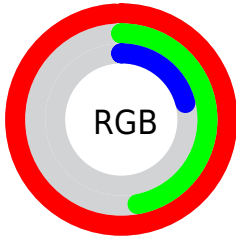
Format	Color
R _Y B	252, 155, 54
Decimal	16546102
CIE Lab	65.46, 46.06, 57.88
CIE LCh	65, 73.966, 51.489
Yxy	34.6365, 0.5297, 0.3851
Android (android.graphics.Color)	4294736182 (0xFFFC7936)
YUV	152.5310, -48.5758, 87.2343
Hunter-Lab	58.8528, 41.5238, 33.4758

Details

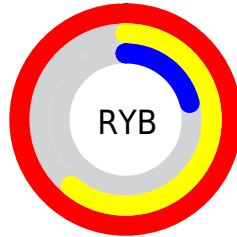
The YUV color **152.5310, -48.5758, 87.2343** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **153.4690, 48.5758, -87.2343**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.5270, -42.6578, 55.6658**, and **96.1280, -47.3911, 80.5717** is the 20% darker color. If you saturate the color by 10%, you get **139.7020, -54.5761, 98.4853**, and if you desaturate by 10%, it is **165.3600, -42.5755, 75.9833**.

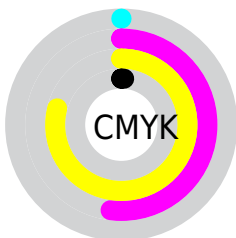
Distribution



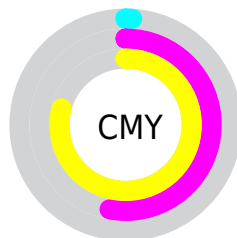
- Red (99%)
- Green (47%)
- Blue (21%)



- Red (99%)
- Yellow (61%)
- Blue (21%)



- Cyan (0%)
- Magenta (52%)
- Yellow (79%)
- Black (1%)



- Cyan (1%)
- Magenta (53%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.5310, -48.5758, 87.2343 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 152.5310, -48.5758, 87.2343 by changing the saturation by 10% instead.

152.5310,
-48.5758, 87.2343

152.5310,
-48.5758, 87.2343

255.0000, 0.0000,
0.0000

124.0360,
-47.8387, 84.1604

191.5270,
-42.6578, 55.6658

96.1280, -47.3911,
80.5717

211.0410,
-38.9672, 38.5520

71.0100, -35.0079,
75.4132

231.1420,
-35.5660, 20.9235

41.7830, -20.5990,
73.8583

247.1340,
-30.1391, 6.8985

28.7040, -14.1511,
59.0186

250.3260,
-17.9087, 4.0991

20.0330, -9.8763,
41.1901

253.6320, -5.2416,

12.0740, -5.4595,

1.1997

24.4911

■ 0.0000, 0.0000,
0.0000

■ 152.5310,
-48.5758, 87.2343

■ 152.5310,
-48.5758, 87.2343

■ 139.7020,
-54.5761, 98.4853

■ 165.3600,
-42.5755, 75.9833

■ 127.4600,
-60.8658, 109.2216

■ 177.6020,
-36.2858, 65.2470

■ 125.2430,
-61.7448, 111.1659

■ 190.5450,
-29.8487, 53.8960

■ 203.3740,
-23.8484, 42.6450

■ 215.6160,
-17.5587, 31.9088

■ 228.4450,
-11.5584, 20.6577

■ 241.2740, -5.5581,
9.4067

■ 253.5160, 0.7316,
-1.3295

■ 254.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



144.5330, -14.5598, 96.8796



152.5310, -48.5758, 87.2343



149.0570, -73.4851, 49.9390

Triad

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



152.5310, -48.5758, 87.2343



125.9740, 5.4358, -110.4792



152.1030, 50.7282, -30.7853

Complementary

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



152.5310, -48.5758, 87.2343



153.4690, 48.5758, -87.2343

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



152.5310, -48.5758, 87.2343



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.



152.5310, -48.5758, 87.2343



129.7640, -29.4637, -69.9530



137.6650, 57.8462, -120.7322



162.6340, 39.1274, 50.3100

Rectangle

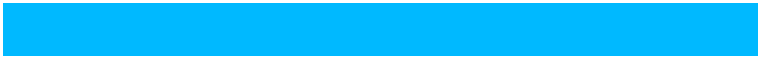
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



152.5310, -48.5758, 87.2343



146.2010, -72.0771, 18.2407



137.6650, 57.8462, -120.7322



133.1780, 60.0582, -83.4711

Sweetspot

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



152.5310, -48.5758, 87.2343



224.5660, -15.0690, 26.6906



128.2500, 28.4707, 108.5288



109.1070, -8.9268, 16.5692



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.



152.5310, -48.5758, 87.2343



134.3070, -58.8184, 105.8478



210.0570, -76.9361, 36.7840



118.8220, -3.3632, 5.4181



94.0790, -46.3809, 83.2457



30.5660, -15.0690, 26.6906

Inverse Universe

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



153.4690, 48.5758, -87.2343



135.6930, 58.8184, -105.8478



95.9430, 76.9361, -36.7840



118.7650, 3.0739, -5.9329



94.9210, 46.3809, -83.2457



30.4340, 15.0690, -26.6906

Previews

White Background



This preview shows how the YUV color 152.5310, -48.5758, 87.2343 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 152.5310, -48.5758, 87.2343 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 152.5310, -48.5758, 87.2343

Background



This preview shows how black text looks on a background with the YUV color 152.5310, -48.5758, 87.2343.



This preview shows how white text looks on a background with the YUV color 152.5310, -48.5758, 87.2343.

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

152.5310, -48.5758, 87.2343

Protanopia

154.5520, -44.1491, 20.5639

Deuteranopia

153.4530, -53.9603, 40.8217



Tritanopia

157.0710, -17.2900, 85.8837

Trichromacy



Original Color

152.5310, -48.5758, 87.2343

Protanomaly

153.9510, -45.8248, 44.7700

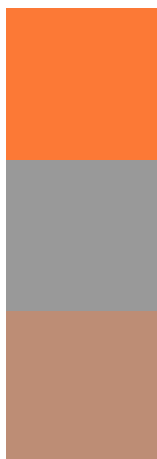
Deuteranomaly

153.1330, -51.8306, 57.7654

Tritanomaly

155.6830, -28.9307, 86.2240

Monochromacy



Original Color

152.5310, -48.5758, 87.2343

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.6160, -17.5587, 31.9088

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.5310, -48.5758, 87.2343 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(252, 121, 54)` looks like.

```
.text, #text, p{  
    color:rgb(252, 121, 54)  
}
```

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(252, 121, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 121, 54) }
```

Border

The CSS property to change the border of an element to YUV 152.5310, -48.5758, 87.2343 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(252, 121, 54) }
```


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

```
.border{ border-color:rgb(252, 121, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 121, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 121, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 121, 54);  
box-shadow:4px 4px 4px 4px rgb(252, 121,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 152.5310, -48.5758, 87.2343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 121, 54) }
```

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

```
.background{ background-color: rgb(252,  
121, 54) }
```

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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