

Converting Colors

YUV(160.6010, -48.1173,
80.1569)

Have a look what the booklet for
YUV(160.6010, -48.1173, 80.1569)
contains.

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Color

**YUV(160.6010, -48.1173,
80.1569)**

Conversions

Conversions Part 1

Format	Color
Hex	FC853F
RGB	252, 133, 63
RGB Percent	99%, 52%, 25%
CMY	0.0118, 0.4784, 0.7529
CMYK	0.00, 0.47, 0.75, 0.01
HSL	22°, 97%, 62%
HSV	22°, 75%, 99%
XYZ	49.4296, 37.8294, 9.3992
YIQ	160.6010, 93.3940, 3.4580

Conversions

Conversions Part 2

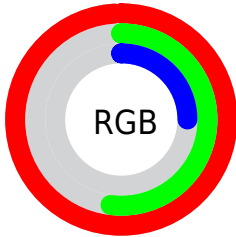
Format	Color
R_{YB}	252, 174, 63
Decimal	16549183
CIE _{Lab}	67.89, 40.47, 56.26
CIE _{LCh}	68, 69.301, 54.268
Yxy	37.8294, 0.5114, 0.3914
Android (android.graphics.Color)	4294739263 (0xFFFC853F)
YUV	160.6010, -48.1173, 80.1569
Hunter-Lab	61.5056, 35.8186, 33.9933

Details

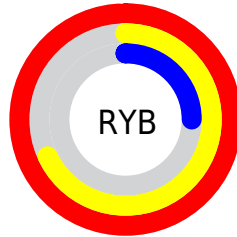
The YUV color **160.6010, -48.1173, 80.1569** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **154.3990, 48.1173, -80.1569**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.5970, -42.1993, 48.5884**, and **104.7420, -48.6798, 73.8943** is the 20% darker color. If you saturate the color by 10%, you get **148.3590, -54.4070, 90.8932**, and if you desaturate by 10%, it is **172.8430, -41.8276, 69.4207**.

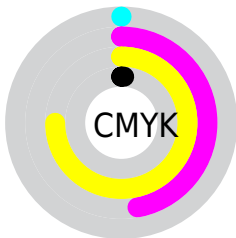
Distribution



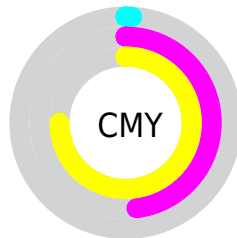
- Red (99%)
- Green (52%)
- Blue (25%)



- Red (99%)
- Yellow (68%)
- Blue (25%)



- Cyan (0%)
- Magenta (47%)
- Yellow (75%)
- Black (1%)



- Cyan (1%)
- Magenta (48%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.6010, -48.1173, 80.1569 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 160.6010, -48.1173, 80.1569 by changing the saturation by 10% instead.

160.6010,
-48.1173, 80.1569

160.6010,
-48.1173, 80.1569

255.0000, 0.0000,
0.0000

132.8070,
-47.2329, 76.4683

199.5970,
-42.1993, 48.5884

104.7420,
-48.6798, 73.8943

219.1110,
-38.5087, 31.4747

79.5270, -39.2068,
68.8208

239.2120,
-35.1075, 13.8461

55.2950, -27.2604,
63.7623

248.2740,
-25.7711, 5.8987

29.3020, -14.4459,
60.2481

251.4660,
-13.5407, 3.0993

20.6310, -10.1711,
42.4196

254.7720, -0.8736,

13.2700, -6.0491,

0.2000

26.9502

■ 0.0000, 0.0000,
0.0000

■ 160.6010,
-48.1173, 80.1569

■ 160.6010,
-48.1173, 80.1569

■ 148.3590,
-54.4070, 90.8932

■ 172.8430,
-41.8276, 69.4207

■ 136.1170,
-60.6967, 101.6294

■ 185.0850,
-35.5379, 58.6845

■ 129.9390,
-64.0599, 107.0475

■ 197.4410,
-28.8114, 47.8482

■ 209.0960,
-22.2323, 37.6268

■ 221.3380,
-15.9426, 26.8906

■ 233.5800, -9.6529,
16.1543

■ 245.8220, -3.3632,
5.4181

■ 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.



153.6800, -17.5902, 88.8576



160.6010, -48.1173, 80.1569



156.8050, -67.9379, 44.0210

Triad

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



160.6010, -48.1173, 80.1569



131.0920, 9.8146, -114.9677



161.9260, 45.8855, -17.4751

Complementary

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



160.6010, -48.1173, 80.1569



154.3990, 48.1173, -80.1569

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.



132.3820, 60.4507, -116.0990



160.6010, -48.1173, 80.1569



138.9750, 37.4803, -121.8811

Square

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



160.6010, -48.1173, 80.1569



138.6160, -24.9537, -69.8232



140.0130, 56.6886, -122.7914



169.6790, 34.1753, 52.0245

Rectangle

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



160.6010, -48.1173, 80.1569



153.7750, -65.9511, 13.3523



140.0130, 56.6886, -122.7914



152.2700, 50.6459, -51.1028

Sweetspot

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



160.6010, -48.1173, 80.1569



226.5550, -15.0636, 24.9463



133.1910, 24.5558, 104.1955



110.3950, -9.0687, 15.4396



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.



160.6010, -48.1173, 80.1569



144.2520, -58.7912, 97.1260



215.7790, -75.3200, 31.7658



118.8220, -3.3632, 5.4181



97.6010, -48.1173, 80.1569



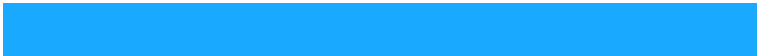
31.7400, -15.6478, 25.6610

Inverse Universe

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



154.3990, 48.1173, -80.1569



136.3350, 58.5018, -97.6408



99.2210, 75.3200, -31.7658



118.1780, 3.3632, -5.4181



91.3990, 48.1173, -80.1569



29.8470, 15.3584, -26.1758

Previews

White Background



This preview shows how the YUV color 160.6010, -48.1173, 80.1569 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 160.6010, -48.1173, 80.1569 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 160.6010, -48.1173, 80.1569

Background



This preview shows how black text looks on a background with the YUV color 160.6010, -48.1173, 80.1569.



This preview shows how white text looks on a background with the YUV color 160.6010, -48.1173, 80.1569.

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

160.6010, -48.1173, 80.1569

Protanopia

160.7800, -43.2755, 20.3639

Deuteranopia

161.0230, -51.7763, 40.3218



Tritanopia

165.4830, -15.5211, 78.5064

Trichromacy



Original Color

160.6010, -48.1173, 80.1569

Protanomaly

160.7550, -45.2352, 42.3109

Deuteranomaly

160.8660, -50.2199, 54.4915

Tritanomaly

163.9810, -27.5986, 78.9467

Monochromacy



Original Color

160.6010, -48.1173, 80.1569

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.8930, -17.6952, 29.0348

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.6010, -48.1173, 80.1569 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, 133, 63)` looks like.

```
.text, #text, p{  
    color:rgb(252, 133, 63)  
}
```

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, 133, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 133, 63) }
```

Border

The CSS property to change the border of an element to YUV 160.6010, -48.1173, 80.1569 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, 133, 63) }
```


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

```
.border{ border-color:rgb(252, 133, 63) }
```

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

Here you see how a box with a 4 pixel rgb(252, 133, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 133, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 133, 63);  
box-shadow:4px 4px 4px 4px rgb(252, 133,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 160.6010, -48.1173, 80.1569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 133, 63) }
```

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

```
.background{ background-color: rgb(252,  
133, 63) }
```

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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