

Converting Colors

YUV(176.9750, -48.7947,
64.0429)

Have a look what the booklet for
YUV(176.9750, -48.7947, 64.0429)
contains.

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Color

**YUV(176.9750, -48.7947,
64.0429)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9F4E
RGB	250, 159, 78
RGB Percent	98%, 62%, 31%
CMY	0.0196, 0.3765, 0.6941
CMYK	0.00, 0.36, 0.69, 0.02
HSL	28°, 95%, 64%
HSV	28°, 69%, 98%
XYZ	53.1976, 45.6703, 13.2192
YIQ	176.9750, 80.2370, -5.8990

Conversions

Conversions Part 2

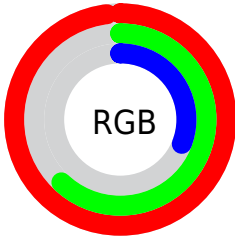
Format	Color
R_{YB}	250, 231, 78
Decimal	16424782
CIE _{Lab}	73.33, 27.01, 54.99
CIE _{LCh}	73, 61.261, 63.842
Yxy	45.6703, 0.4746, 0.4075
Android (android.graphics.Color)	4294614862 (0xFFFA9F4E)
YUV	176.9750, -48.7947, 64.0429
Hunter-Lab	67.5798, 22.2473, 35.7083

Details

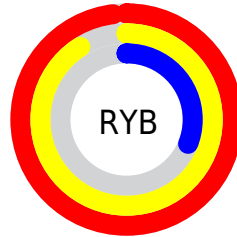
The YUV color **176.9750, -48.7947, 64.0429** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **151.0250, 48.7947, -64.0429**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.6830, -42.7347, 33.6040**, and **122.1700, -47.9048, 58.6099** is the 20% darker color. If you saturate the color by 10%, you get **166.4940, -55.9525, 73.2348**, and if you desaturate by 10%, it is **187.4560, -41.6368, 54.8511**.

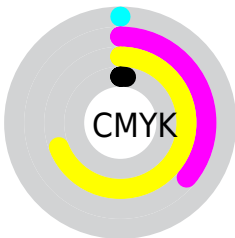
Distribution



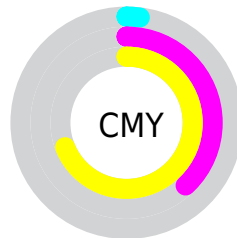
- Red (98%)
- Green (62%)
- Blue (31%)



- Red (98%)
- Yellow (91%)
- Blue (31%)



- Cyan (0%)
- Magenta (36%)
- Yellow (69%)
- Black (2%)



- Cyan (2%)
- Magenta (38%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.9750, -48.7947, 64.0429 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 176.9750, -48.7947, 64.0429 by changing the saturation by 10% instead.

176.9750,
-48.7947, 64.0429

176.9750,
-48.7947, 64.0429

255.0000, 0.0000,
0.0000

149.4800,
-48.0576, 60.9690

216.6830,
-42.7347, 33.6040

122.1700,
-47.9048, 58.6099

236.7840,
-39.3335, 15.9754

95.3760, -47.0204,
54.9212

247.0200,
-30.5759, 6.9985

72.6170, -35.8002,
49.4479

250.2120,
-18.3455, 4.1991

50.4450, -24.8694,
43.4597

253.5180, -5.6784,
1.2997

28.5720, -14.0860,
38.0864

13.7540, -6.7807,

28.2797

■ 0.0000, 0.0000,
0.0000

■ 176.9750,
-48.7947, 64.0429

■ 176.9750,
-48.7947, 64.0429

■ 166.4940,
-55.9525, 73.2348

■ 187.4560,
-41.6368, 54.8511

■ 156.0130,
-63.1104, 82.4266

■ 197.9370,
-34.4789, 45.6593

■ 144.9450,
-69.9789, 92.1332

■ 209.0050,
-27.6105, 35.9526

■ 144.0160,
-70.9999, 92.9480

■ 219.4860,
-20.4526, 26.7608

■ 229.9670,
-13.2947, 17.5689

240.4480, -6.1369,
8.3771

251.5160, 0.7316,
-1.3295

253.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



171.0450, -24.6722, 73.6285



176.9750, -48.7947, 64.0429



173.4960, -55.9535, 26.7520

Triad

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



176.9750, -48.7947, 64.0429



143.3000, 21.0511, -125.6741



181.5720, 36.2000, 9.1454

Complementary

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



176.9750, -48.7947, 64.0429



151.0250, 48.7947, -64.0429

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.



160.1010, 46.7852, -72.8796



176.9750, -48.7947, 64.0429



148.3960, 45.6538, -130.1433

Square

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



176.9750, -48.7947, 64.0429



152.2800, -11.9700, -80.9296



145.8830, 53.7947, -127.9394



184.4600, 22.9442, 60.9866

Rectangle

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



176.9750, -48.7947, 64.0429



169.4430, -49.0254, -2.1425



145.8830, 53.7947, -127.9394



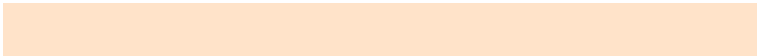
177.5970, 38.1597, -12.8016

Sweetspot

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



176.9750, -48.7947, 64.0429



232.4080, -15.4841, 19.8132



139.9160, 14.8314, 96.5437



114.3730, -9.0579, 11.9509



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.



176.9750, -48.7947, 64.0429



165.0880, -60.1894, 78.8528



226.8700, -73.3929, 20.2850



119.4090, -3.6526, 4.9033



108.7540, -53.6157, 70.3757



35.2620, -17.3842, 22.5722

Inverse Universe

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



151.0250, 48.7947, -64.0429



132.9120, 60.1894, -78.8528



101.1300, 73.3929, -20.2850



117.5910, 3.6526, -4.9033



80.2460, 53.6157, -70.3757



25.7380, 17.3842, -22.5722

Previews

White Background



This preview shows how the YUV color 176.9750, -48.7947, 64.0429 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 176.9750, -48.7947, 64.0429 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 176.9750, -48.7947, 64.0429

Background



This preview shows how black text looks on a background with the YUV color 176.9750, -48.7947, 64.0429.



This preview shows how white text looks on a background with the YUV color 176.9750, -48.7947,

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

176.9750, -48.7947, 64.0429

Protanopia

175.7370, -44.7333, 21.2787

Deuteranopia

176.4900, -50.0346, 41.6663



Tritanopia

182.6490, -10.6730, 63.4518

Trichromacy



Original Color

176.9750, -48.7947, 64.0429

Protanomaly

176.0810, -46.3819, 36.7630

Deuteranomaly

176.3600, -49.4775, 49.6733

Tritanomaly

180.3920, -24.3503, 63.6772

Monochromacy



Original Color

176.9750, -48.7947, 64.0429

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.8600, -17.6790, 23.8018

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.9750, -48.7947, 64.0429 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(250, 159, 78)` looks like.

```
.text, #text, p{  
    color:rgb(250, 159, 78)  
}
```

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(250, 159, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 159, 78) }
```

Border

The CSS property to change the border of an element to YUV 176.9750, -48.7947, 64.0429 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(250, 159, 78) }
```


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

```
.border{ border-color:rgb(250, 159, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 159, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 159, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 159, 78);  
box-shadow:4px 4px 4px 4px rgb(250, 159,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 176.9750, -48.7947, 64.0429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 159, 78) }
```

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

```
.background{ background-color: rgb(250,  
159, 78) }
```

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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