

Converting Colors

YUV(165.8010, -44.7649,
78.2275)

Have a look what the booklet for
YUV(165.8010, -44.7649, 78.2275)
contains.

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Color

**YUV(165.8010, -44.7649,
78.2275)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8A4B
RGB	255, 138, 75
RGB Percent	100%, 54%, 29%
CMY	0.0000, 0.4588, 0.7059
CMYK	0.00, 0.46, 0.71, 0.00
HSL	21°, 100%, 65%
HSV	21°, 71%, 100%
XYZ	51.5985, 39.9450, 11.6472
YIQ	165.8010, 89.9550, 5.2110

Conversions

Conversions Part 2

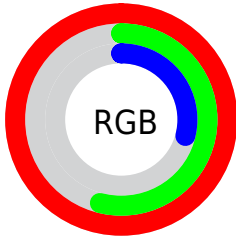
Format	Color
R_{YB}	255, 172, 75
Decimal	16747083
CIE Lab	69.43, 39.65, 52.35
CIE LCh	69, 65.673, 52.862
Yxy	39.9450, 0.5000, 0.3871
Android (android.graphics.Color)	4294937163 (0xFFFF8A4B)
YUV	165.8010, -44.7649, 78.2275
Hunter-Lab	63.2020, 35.1248, 33.3151

Details

The YUV color **165.8010, -44.7649, 78.2275** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **164.1990, 44.7649, -78.2275**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9000, -38.4047, 44.8147**, and **110.6260, -42.7066, 71.3650** is the 20% darker color. If you saturate the color by 10%, you get **152.9720, -50.7652, 89.4786**, and if you desaturate by 10%, it is **178.7440, -38.3278, 66.8765**.

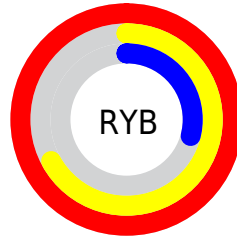
Distribution



Red (100%)

Green (54%)

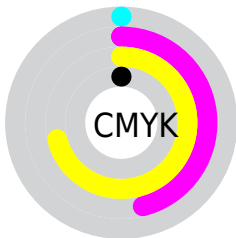
Blue (29%)



Red (100%)

Yellow (67%)

Blue (29%)

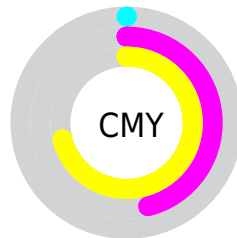


Cyan (0%)

Magenta (46%)

Yellow (71%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8010, -44.7649, 78.2275 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 165.8010, -44.7649, 78.2275 by changing the saturation by 10% instead.

165.8010,
-44.7649, 78.2275

165.8010,
-44.7649, 78.2275

255.0000, 0.0000,
0.0000

138.1210,
-43.4437, 74.4389

203.9000,
-38.4047, 44.8147

110.6260,
-42.7066, 71.3650

223.4140,
-34.7141, 27.7009

83.6580, -41.2434,
68.7059

243.5150,
-31.3129, 10.0723

60.0130, -29.5864,
63.1326

249.6420,
-20.5295, 4.6990

32.2590, -15.9037,
61.1629

252.9480, -7.8624,
1.7996

21.8270, -10.7607,
44.8787

14.5800, -6.2019,

29.3093

■ 0.0000, 0.0000,
0.0000

■ 165.8010,
-44.7649, 78.2275

■ 165.8010,
-44.7649, 78.2275

■ 152.9720,
-50.7652, 89.4786

■ 178.7440,
-38.3278, 66.8765

■ 140.6160,
-57.4917, 100.3148

■ 190.9860,
-32.0381, 56.1403

■ 128.4880,
-63.3446, 110.9510

■ 203.9290,
-25.6010, 44.7893

■ 216.1710,
-19.3113, 34.0530

■ 229.1140,
-12.8742, 22.7020

■ 241.3560, -6.5845,
11.9658

254.2990, -0.1474,
0.6148

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



159.4020, -15.9742, 83.8394



165.8010, -44.7649, 78.2275



163.3410, -60.8071, 43.5509

Triad

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



165.8010, -44.7649, 78.2275



133.0810, 9.8201, -116.7120



166.3450, 43.7069, -18.7196

Complementary

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



165.8010, -44.7649, 78.2275



164.1990, 44.7649, -78.2275

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.



135.3170, 59.0037, -118.6730



165.8010, -44.7649, 78.2275



140.6220, 36.1754, -123.3255

Square

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



165.8010, -44.7649, 78.2275



147.0410, -26.1492, -59.6720



142.3610, 55.5310, -124.8506



174.4180, 33.3179, 46.9914

Rectangle

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



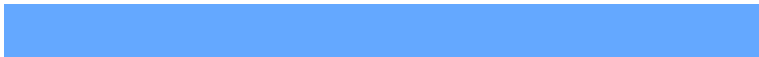
165.8010, -44.7649, 78.2275



159.7950, -59.5519, 14.2118



142.3610, 55.5310, -124.8506



157.5860, 48.0251, -50.5029

Sweetspot

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



165.8010, -44.7649, 78.2275



228.2990, -13.4584, 23.4168



142.1580, 24.5721, 98.9624



112.0250, -7.9003, 14.0101



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.



165.8010, -44.7649, 78.2275



147.4950, -53.9810, 94.2819



218.6310, -70.8101, 31.8956



121.2350, -3.0739, 5.9329



96.4380, -47.5439, 82.9309



32.0500, -15.8006, 28.0202

Inverse Universe

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



164.1990, 44.7649, -78.2275



145.5050, 53.9810, -94.2819



111.3690, 70.8101, -31.8956



121.1780, 3.3632, -5.4181



94.5620, 47.5439, -82.9309



31.3630, 16.0900, -27.5054

Previews

White Background



This preview shows how the YUV color 165.8010, -44.7649, 78.2275 looks on a white background.

Color Contrast Check

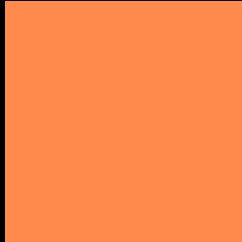
Large Text (above 18pt) WCAG AA × Fail

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 165.8010, -44.7649, 78.2275 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 165.8010, -44.7649, 78.2275

Background



This preview shows how black text looks on a background with the YUV color 165.8010, -44.7649, 78.2275.



This preview shows how white text looks on a background with the YUV color 165.8010, -44.7649, 78.2275.

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

165.8010, -44.7649, 78.2275

Protanopia

165.6920, -39.7812, 19.5641

Deuteranopia

166.0490, -47.8452, 39.4220



Tritanopia

170.3900, -14.4893, 74.2030

Trichromacy



Original Color

165.8010, -44.7649, 78.2275

Protanomaly

165.3680, -41.5934, 40.8963

Deuteranomaly

165.7780, -46.7256, 53.6917

Tritanomaly

168.8280, -25.5512, 75.5728

Monochromacy



Original Color

165.8010, -44.7649, 78.2275

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9360, -16.2374, 28.1201

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8010, -44.7649, 78.2275 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(255, 138, 75)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 75)  
}
```

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(255, 138, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 75) }
```

Border

The CSS property to change the border of an element to YUV 165.8010, -44.7649, 78.2275 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(255, 138, 75) }
```


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

```
.border{ border-color:rgb(255, 138, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 75);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 165.8010, -44.7649, 78.2275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 75) }
```

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

```
.background{ background-color: rgb(255,  
138, 75) }
```

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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