

Converting Colors

YUV(181.0100, -38.4589,
62.2582)

Have a look what the booklet for
YUV(181.0100, -38.4589, 62.2582)
contains.

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Color

**YUV(181.0100, -38.4589,
62.2582)**

Conversions

Conversions Part 1

Format	Color
Hex	FCA067
RGB	252, 160, 103
RGB Percent	99%, 63%, 40%
CMY	0.0118, 0.3725, 0.5961
CMYK	0.00, 0.37, 0.59, 0.01
HSL	23°, 96%, 70%
HSV	23°, 59%, 99%
XYZ	55.1639, 46.8163, 18.9610
YIQ	181.0100, 73.1290, 1.7770

Conversions

Conversions Part 2

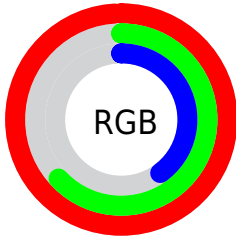
Format	Color
R _Y B	252, 195, 103
Decimal	16556135
CIE Lab	74.07, 28.83, 43.61
CIE LCh	74, 52.278, 56.535
Yxy	46.8163, 0.4561, 0.3871
Android (android.graphics.Color)	4294746215 (0xFFFC A067)
YUV	181.0100, -38.4589, 62.2582
Hunter-Lab	68.4225, 24.1718, 31.4655

Details

The YUV color **181.0100, -38.4589, 62.2582** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **173.9900, 38.4589, -62.2582**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.1200, -32.1042, 30.5898**, and **126.6610, -35.8219, 56.4253** is the 20% darker color. If you saturate the color by 10%, you get **168.7680, -44.7486, 72.9945**, and if you desaturate by 10%, it is **193.2520, -32.1692, 51.5220**.

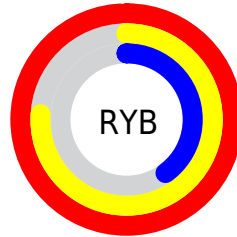
Distribution



Red (99%)

Green (63%)

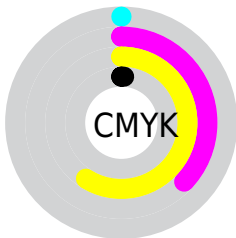
Blue (40%)



Red (99%)

Yellow (76%)

Blue (40%)

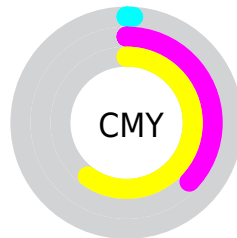


Cyan (0%)

Magenta (37%)

Yellow (59%)

Black (1%)



Cyan (1%)

Magenta (37%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.0100, -38.4589, 62.2582 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 181.0100, -38.4589, 62.2582 by changing the saturation by 10% instead.

181.0100,
-38.4589, 62.2582

181.0100,
-38.4589, 62.2582

255.0000, 0.0000,
0.0000

153.0420,
-36.9957, 59.5992

220.1200,
-32.1042, 30.5898

126.6610,
-35.8219, 56.4253

240.2210,
-28.7030, 12.9612

100.5790,
-34.7954, 53.8662

249.8700,
-19.6559, 4.4990

74.4430, -35.2214,
50.4775

253.1760, -6.9888,
1.5996

51.6410, -25.4590,
45.9188

28.8820, -14.2388,
40.4455

14.6510, -7.2229,

30.1241

■ 2.6910, -1.3267,
5.5330

■ 0.0000, 0.0000,
0.0000

■ 181.0100,
-38.4589, 62.2582

■ 181.0100,
-38.4589, 62.2582

■ 168.7680,
-44.7486, 72.9945

■ 193.2520,
-32.1692, 51.5220

■ 157.1130,
-51.3277, 83.2159

■ 204.9070,
-25.5902, 41.3006

■ 144.7570,
-58.0542, 94.0521

■ 217.2630,
-18.8637, 30.4643

■ 133.1020,
-64.6333, 104.2735

■ 228.9180,
-12.2846, 20.2429

■ 131.7000,
-64.9281, 105.5031

■ 241.1600, -5.9949,
9.5067

■ 252.8150, 0.5842,
-0.7148

■ 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.



177.5480, -17.5252, 67.9254



181.0100, -38.4589, 62.2582



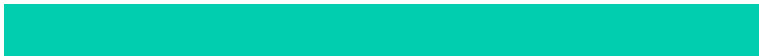
178.6460, -46.6605, 32.7595

Triad

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



181.0100, -38.4589, 62.2582



140.8720, 16.8251, -123.5447



182.9570, 35.5172, -5.2243

Complementary

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



181.0100, -38.4589, 62.2582



173.9900, 38.4589, -62.2582

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.



164.2320, 44.7486, -72.9945



181.0100, -38.4589, 62.2582



146.3440, 37.7914, -128.3437

Square

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



181.0100, -38.4589, 62.2582



165.6430, -19.0510, -49.6759



146.4700, 53.5053, -128.4542



187.2790, 24.0195, 42.7283

Rectangle

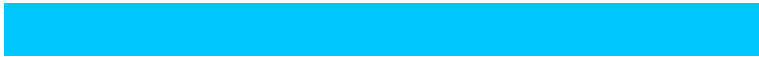
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



181.0100, -38.4589, 62.2582



175.4750, -44.1112, 8.3534



146.4700, 53.5053, -128.4542



178.4060, 37.7608, -24.9121

Sweetspot

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



181.0100, -38.4589, 62.2582



233.3200, -11.9898, 19.0134



158.2670, 19.0954, 82.2038



114.1280, -7.4581, 12.1657



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.



181.0100, -38.4589, 62.2582



168.6220, -46.6486, 75.7535



223.2740, -59.2951, 25.1927



118.8220, -3.3632, 5.4181



98.7750, -48.6961, 79.1273



31.7400, -15.6478, 25.6610

Inverse Universe

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



173.9900, 38.4589, -62.2582



160.3780, 46.6486, -75.7535



131.7260, 59.2951, -25.1927



118.1780, 3.3632, -5.4181



90.2250, 48.6961, -79.1273



29.2600, 15.6478, -25.6610

Previews

White Background



This preview shows how the YUV color 181.0100, -38.4589, 62.2582 looks on a white background.

Color Contrast Check

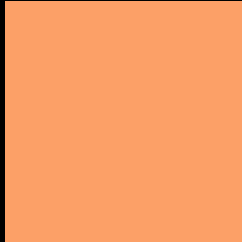
Large Text (above 18pt) WCAG AA × Fail

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 181.0100, -38.4589, 62.2582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

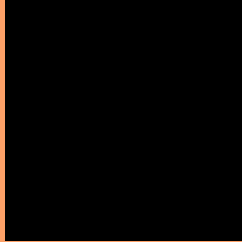
Any Text WCAG AA ✓ Pass

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 181.0100, -38.4589, 62.2582 Background



This preview shows how black text looks on a background with the YUV color 181.0100, -38.4589, 62.2582.

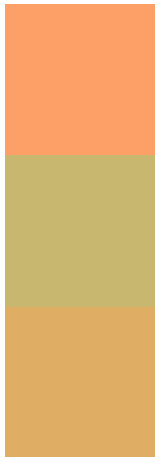


This preview shows how white text looks on a background with the YUV color 181.0100, -38.4589,

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

181.0100, -38.4589, 62.2582

Protanopia

179.5760, -33.8080, 17.0348

Deuteranopia

180.2150, -39.5460, 37.5224



Tritanopia

184.7520, -10.2307, 61.6075

Trichromacy



Original Color

181.0100, -38.4589, 62.2582

Protanomaly

180.2190, -35.6040, 33.1339

Deuteranomaly

180.6830, -39.2837, 46.7590

Tritanomaly

183.7060, -20.5611, 61.6478

Monochromacy



Original Color

181.0100, -38.4589, 62.2582

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.8860, -13.7478, 22.9020

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.0100, -38.4589, 62.2582 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, 160, 103)` looks like.

```
.text, #text, p{  
    color:rgb(252, 160, 103)  
}
```

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, 160, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 160, 103) }
```

Border

The CSS property to change the border of an element to YUV 181.0100, -38.4589, 62.2582 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, 160, 103) }
```


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

```
.border{ border-color:rgb(252, 160, 103) }
```

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

Here you see how a box with a 4 pixel rgb(252, 160, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 160, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 160, 103);  
box-shadow:4px 4px 4px 4px rgb(252, 160,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 181.0100, -38.4589, 62.2582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 160, 103) }
```

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

```
.background{ background-color: rgb(252,  
160, 103) }
```

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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