

# Converting Colors

YUV(180.2980, -38.6009,  
61.1287)

Have a look what the booklet for  
YUV(180.2980, -38.6009, 61.1287)  
contains.

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# Color

**YUV(180.2980, -38.6009,  
61.1287)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAA066
RGB	250, 160, 102
RGB Percent	98%, 63%, 40%
CMY	0.0196, 0.3725, 0.6000
CMYK	0.00, 0.36, 0.59, 0.02
HSL	24°, 94%, 69%
HSV	24°, 59%, 98%
XYZ	54.3934, 46.4249, 18.6644
YIQ	180.2980, 72.2580, 1.0420

# Conversions

## Conversions Part 2

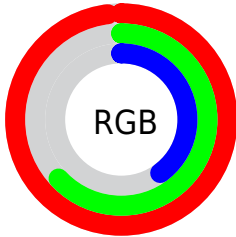
Format	Color
R <sub>Y</sub> B	250, 197, 102
Decimal	16425062
CIE Lab	73.82, 27.96, 43.76
CIE LCh	74, 51.933, 57.423
Yxy	46.4249, 0.4552, 0.3885
Android (android.graphics.Color)	4294615142 (0xFFFAA066)
YUV	180.2980, -38.6009, 61.1287
Hunter-Lab	68.1358, 23.2604, 31.4538

# Details

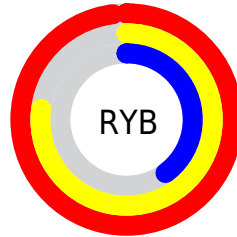
The YUV color **180.2980, -38.6009, 61.1287** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **171.7020, 38.6009, -61.1287**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0060, -32.5410, 30.6897**, and **125.9490, -35.9639, 55.2957** is the 20% darker color. If you saturate the color by 10%, you get **168.6430, -45.1800, 71.3501**, and if you desaturate by 10%, it is **191.9530, -32.0218, 50.9072**.

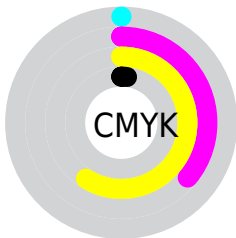
# Distribution



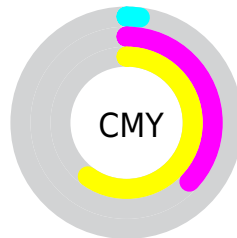
- Red (98%)
- Green (63%)
- Blue (40%)



- Red (98%)
- Yellow (77%)
- Blue (40%)



- Cyan (0%)
- Magenta (36%)
- Yellow (59%)
- Black (2%)



- Cyan (2%)
- Magenta (37%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 180.2980, -38.6009, 61.1287 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 180.2980, -38.6009, 61.1287 by changing the saturation by 10% instead.



180.2980,  
-38.6009, 61.1287

180.2980,  
-38.6009, 61.1287

255.0000, 0.0000,  
0.0000

152.9170,  
-37.4271, 57.9548

220.0060,  
-32.5410, 30.6897

125.9490,  
-35.9639, 55.2957

240.1070,  
-29.1398, 13.0612

99.8670, -34.9374,  
52.7366

249.7560,  
-20.0927, 4.5990

74.0300, -35.5108,  
49.9627

253.0620, -7.4256,  
1.6996

51.6300, -25.4536,  
44.1745

29.1700, -14.3808,  
39.3159

14.3520, -7.0755,

29.5093

■ 0.8970, -0.4422,  
1.8443

■ 0.0000, 0.0000,  
0.0000

■ 180.2980,  
-38.6009, 61.1287

■ 180.2980,  
-38.6009, 61.1287

■ 168.6430,  
-45.1800, 71.3501

■ 191.9530,  
-32.0218, 50.9072

■ 156.9880,  
-51.7591, 81.5715

■ 203.6080,  
-25.4427, 40.6858

■ 144.7460,  
-58.0488, 92.3078

■ 215.8500,  
-19.1530, 29.9496

■ 133.0910,  
-64.6279, 102.5292

■ 227.5050,  
-12.5740, 19.7281

132.2760,  
-65.2121, 103.2439

239.1600, -5.9949,  
9.5067

250.8150, 0.5842,  
-0.7148

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.



177.3200, -18.3988, 68.1254



180.2980, -38.6009, 61.1287



177.0480, -46.3657, 31.5299

# Triad

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



180.2980, -38.6009, 61.1287



140.3990, 17.5513, -123.1299



182.6690, 35.6592, -4.0947

# Complementary

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



180.2980, -38.6009, 61.1287



171.7020, 38.6009, -61.1287

# 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.



164.8410, 44.4484, -70.0206



180.2980, -38.6009, 61.1287



145.8710, 38.5176, -127.9289

# Square

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



180.2980, -38.6009, 61.1287



164.2730, -17.8826, -51.1054



145.8830, 53.7947, -127.9394



186.6490, 22.8510, 44.1578



# Rectangle

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



180.2980, -38.6009, 61.1287



174.4040, -43.0902, 7.5387



145.8830, 53.7947, -127.9394



178.4170, 37.7554, -23.1677

# Sweetspot

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



180.2980, -38.6009, 61.1287



233.3200, -11.9898, 19.0134



156.6260, 17.9324, 81.8890



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.



180.2980, -38.6009, 61.1287



169.7960, -47.2274, 74.7239



223.1490, -59.7265, 23.5483



118.8220, -3.3632, 5.4181



99.9490, -49.2749, 78.0977



32.3270, -15.9372, 25.1462



# Inverse Universe

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



171.7020, 38.6009, -61.1287



159.2040, 47.2274, -74.7239



128.8510, 59.7265, -23.5483



118.1780, 3.3632, -5.4181



89.0510, 49.2749, -78.0977



28.6730, 15.9372, -25.1462



# Previews

## White Background



This preview shows how the YUV color 180.2980, -38.6009, 61.1287 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 180.2980, -38.6009, 61.1287 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 180.2980, -38.6009, 61.1287

## Background



This preview shows how black text looks on a background with the YUV color 180.2980, -38.6009, 61.1287.



This preview shows how white text looks on a background with the YUV color 180.2980, -38.6009, 61.1287.



# 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

180.2980, -38.6009, 61.1287

### Protanopia

178.8750, -33.9554, 17.6496

### Deuteranopia

179.2150, -39.5460, 37.5224



## Tritanopia

183.8660, -9.7939, 61.5075

# Trichromacy



## Original Color

180.2980, -38.6009, 61.1287

## Protanomaly

179.5180, -35.7514, 33.7487

## Deuteranomaly

179.3840, -39.1363, 46.1442

## Tritanomaly

182.7060, -20.5611, 61.6478

# Monochromacy



## Original Color

180.2980, -38.6009, 61.1287

## Achromatopsia

180.0000, 0.0000, 0.0000

## Achromatomaly

180.1740, -13.8898, 21.7724

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 180.2980, -38.6009, 61.1287 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, 160, 102)` looks like.

```
.text, #text, p{  
    color:rgb(250, 160, 102)  
}
```

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, 160, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 160, 102) }
```

## Border

The CSS property to change the border of an element to YUV 180.2980, -38.6009, 61.1287 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, 160, 102) }
```



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

```
.border{ border-color:rgb(250, 160, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 160, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 160, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 160, 102);  
box-shadow:4px 4px 4px 4px rgb(250, 160,  
102) }
```

# Background

The CSS property to change the background color of an element to YUV 180.2980, -38.6009, 61.1287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 160, 102) }
```

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

```
.background{ background-color: rgb(250,  
160, 102) }
```

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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