

# Converting Colors

YUV(178.8750, -40.3644,  
66.7616)

Have a look what the booklet for  
YUV(178.8750, -40.3644, 66.7616)  
contains.

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# Color

**YUV(178.8750, -40.3644,  
66.7616)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9C61
RGB	255, 156, 97
RGB Percent	100%, 61%, 38%
CMY	0.0000, 0.3882, 0.6196
CMYK	0.00, 0.39, 0.62, 0.00
HSL	22°, 100%, 69%
HSV	22°, 62%, 100%
XYZ	55.2861, 45.9000, 17.2549
YIQ	178.8750, 77.9430, 2.6390

# Conversions

## Conversions Part 2

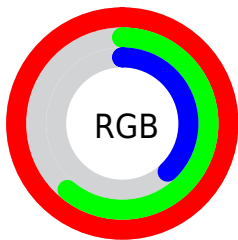
Format	Color
<b>R<sub>YB</sub></b>	255, 191, 97
Decimal	16751713
CIE Lab	73.48, 31.69, 46.05
CIE LCh	73, 55.895, 55.468
Yxy	45.9000, 0.4668, 0.3875
Android (android.graphics.Color)	4294941793 (0xFFFF9C61)
YUV	178.8750, -40.3644, 66.7616
Hunter-Lab	67.7495, 27.1009, 32.3243

# Details

The YUV color **178.8750, -40.3644, 66.7616** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **173.1250, 40.3644, -66.7616**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0880, -33.5674, 33.2488**, and **124.5260, -37.7273, 60.9287** is the 20% darker color. If you saturate the color by 10%, you get **166.5190, -47.0909, 77.5978**, and if you desaturate by 10%, it is **191.1170, -34.0747, 56.0254**.

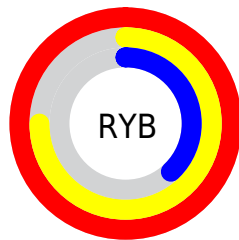
# Distribution



Red (100%)

Green (61%)

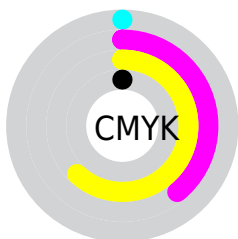
Blue (38%)



Red (100%)

Yellow (75%)

Blue (38%)

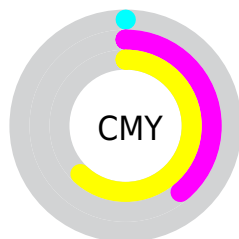


Cyan (0%)

Magenta (39%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 178.8750, -40.3644, 66.7616 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 178.8750, -40.3644, 66.7616 by changing the saturation by 10% instead.



178.8750,  
-40.3644, 66.7616

178.8750,  
-40.3644, 66.7616

255.0000, 0.0000,  
0.0000

151.4940,  
-39.1905, 63.5878

217.0880,  
-33.5674, 33.2488

124.5260,  
-37.7273, 60.9287

237.1890,  
-30.1662, 15.6202

98.0310, -36.9903,  
57.8548

249.1860,  
-22.2767, 5.0989

72.3510, -35.6690,  
54.0662

252.3780,  
-10.0464, 2.2995

49.5920, -24.4489,  
48.5928

25.3710, -12.5079,  
45.2786

14.9500, -7.3703,

30.7388

■ 2.6910, -1.3267,  
5.5330

■ 0.0000, 0.0000,  
0.0000

■ 178.8750,  
-40.3644, 66.7616

■ 178.8750,  
-40.3644, 66.7616

■ 166.5190,  
-47.0909, 77.5978

■ 191.1170,  
-34.0747, 56.0254

■ 154.2770,  
-53.3806, 88.3341

■ 203.4730,  
-27.3482, 45.1892

■ 141.9210,  
-60.1071, 99.1703

■ 215.8290,  
-20.6217, 34.3530

■ 132.0100,  
-65.0809, 107.8622

■ 228.0710,  
-14.3320, 23.6167

240.4270, -7.6055,  
12.7805

252.6690, -1.3158,  
2.0443

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.



174.2710, -17.3886, 70.7993



178.8750, -40.3644, 66.7616



176.0440, -50.3077, 35.9184

# Triad

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



178.8750, -40.3644, 66.7616



140.4160, 15.0779, -123.1448



179.9890, 36.9804, -7.8834

# Complementary

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



178.8750, -40.3644, 66.7616



173.1250, 40.3644, -66.7616

# 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.



154.3760, 49.6076, -91.5378



178.8750, -40.3644, 66.7616



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.



178.8750, -40.3644, 66.7616



162.4640, -20.9348, -52.1499



146.4700, 53.5053, -128.4542



185.8600, 26.1980, 43.9728



# Rectangle

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



178.8750, -40.3644, 66.7616



172.9760, -47.3162, 9.6680



146.4700, 53.5053, -128.4542



175.1280, 39.3769, -29.9303

# Sweetspot

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



178.8750, -40.3644, 66.7616



231.9180, -12.2846, 20.2429



155.6420, 20.3895, 87.1370



113.4270, -7.6055, 12.7805



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.



178.8750, -40.3644, 66.7616



164.1880, -48.4067, 79.6421



224.6610, -62.9369, 26.6073



121.8220, -3.3632, 5.4181



98.7860, -48.7015, 80.8717



33.2240, -16.3794, 26.9906



# Inverse Universe

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



173.1250, 40.3644, -66.7616



157.3990, 48.1173, -80.1569



127.3390, 62.9369, -26.6073



121.1780, 3.3632, -5.4181



92.2140, 48.7015, -80.8717



30.7760, 16.3794, -26.9906



# Previews

## White Background



This preview shows how the YUV color 178.8750, -40.3644, 66.7616 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 178.8750, -40.3644, 66.7616 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 178.8750, -40.3644, 66.7616

## Background



This preview shows how black text looks on a background with the YUV color 178.8750, -40.3644, 66.7616.



This preview shows how white text looks on a background with the YUV color 178.8750, -40.3644, 66.7616.



# 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

178.8750, -40.3644, 66.7616

### Protanopia

177.5330, -35.2658, 17.9496

### Deuteranopia

177.9440, -41.8774, 38.6371



## Tritanopia

183.2360, -10.9623, 62.9370

# Trichromacy



## Original Color

178.8750, -40.3644, 66.7616

## Protanomaly

178.1870, -37.0672, 35.7930

## Deuteranomaly

178.1240, -41.4731, 49.0033

## Tritanomaly

181.7880, -21.5875, 64.2069

# Monochromacy



## Original Color

178.8750, -40.3644, 66.7616

## Achromatopsia

179.0000, 0.0000, 0.0000

## Achromatomaly

179.2560, -14.9162, 24.3315

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 178.8750, -40.3644, 66.7616 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, 156, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 97)  
}
```

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, 156, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 97) }
```

## Border

The CSS property to change the border of an element to YUV 178.8750, -40.3644, 66.7616 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, 156, 97) }
```



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

```
.border{ border-color:rgb(255, 156, 97) }
```

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

Here you see how a box with a 4 pixel rgb(255, 156, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
97) }
```

# Background

The CSS property to change the background color of an element to YUV 178.8750, -40.3644, 66.7616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 97) }
```

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

```
.background{ background-color: rgb(255,  
156, 97) }
```

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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