

Converting Colors

YUV(181.0580, -34.5386,
64.8471)

Have a look what the booklet for
YUV(181.0580, -34.5386, 64.8471)
contains.

YUV(181.0580, -34.5386, 64.8471)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(181.0580, -34.5386,
64.8471)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9D6F
RGB	255, 157, 111
RGB Percent	100%, 62%, 44%
CMY	0.0000, 0.3843, 0.5647
CMYK	0.00, 0.38, 0.56, 0.00
HSL	19°, 100%, 72%
HSV	19°, 56%, 100%
XYZ	56.1662, 46.5216, 21.0582
YIQ	181.0580, 73.1740, 6.4700

Conversions

Conversions Part 2

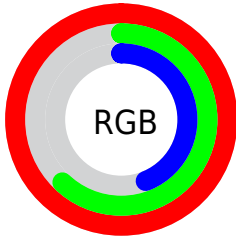
Format	Color
R _Y B	255, 179, 111
Decimal	16751983
CIE Lab	73.88, 32.16, 39.31
CIE LCh	74, 50.786, 50.717
Yxy	46.5216, 0.4539, 0.3759
Android (android.graphics.Color)	4294942063 (0xFFFF9D6F)
YUV	181.0580, -34.5386, 64.8471
Hunter-Lab	68.2068, 27.6275, 29.4395

Details

The YUV color **181.0580, -34.5386, 64.8471** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **184.9420, 34.5386, -64.8471**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.2710, -27.7416, 31.3343**, and **126.7090, -31.9015, 59.0142** is the 20% darker color. If you saturate the color by 10%, you get **168.2290, -40.5389, 76.0982**, and if you desaturate by 10%, it is **194.0010, -28.1015, 53.4961**.

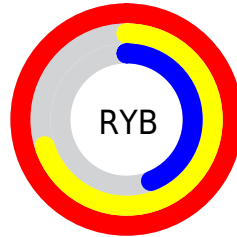
Distribution



Red (100%)

Green (62%)

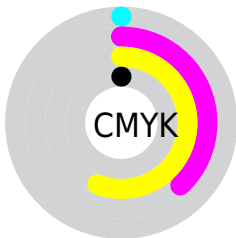
Blue (44%)



Red (100%)

Yellow (70%)

Blue (44%)

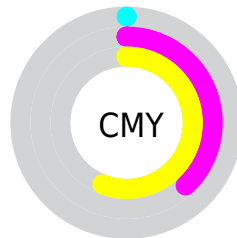


Cyan (0%)

Magenta (38%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.0580, -34.5386, 64.8471 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 181.0580, -34.5386, 64.8471 by changing the saturation by 10% instead.


 181.0580,
-34.5386, 64.8471


 181.0580,
-34.5386, 64.8471


255.0000, 0.0000,
0.0000

 153.0900,
-33.0754, 62.1881


 219.2710,
-27.7416, 31.3343


 126.7090,
-31.9015, 59.0142


 239.4860,
-23.9036, 13.6058


 100.4420,
-30.2909, 55.7404


 250.8960,
-15.7247, 3.5992

 74.3600, -29.2645,
53.1813

 254.0880, -3.4944,
0.7998

 50.1900, -24.7437,
49.8224

 25.6700, -12.6553,
45.8934

 15.5480, -7.6652,

31.9684

■ 4.1860, -2.0637,
8.6069

■ 0.0000, 0.0000,
0.0000

■ 181.0580,
-34.5386, 64.8471

■ 181.0580,
-34.5386, 64.8471

■ 168.2290,
-40.5389, 76.0982

■ 194.0010,
-28.1015, 53.4961

■ 154.6990,
-46.6866, 87.9640

■ 207.4170,
-22.3906, 41.7303

■ 141.7560,
-53.1237, 99.3150

■ 220.3600,
-15.9535, 30.3793

■ 128.9270,
-59.1240, 110.5660

■ 233.1890, -9.9532,
19.1282

■ 123.7920,
-61.0295, 115.0694

■ 246.7190, -3.8055,
7.2624

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.



178.5740, -13.5940, 67.0256



181.0580, -34.5386, 64.8471



178.5480, -44.6402, 38.1074

Triad

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



181.0580, -34.5386, 64.8471



149.3110, 7.7347, -101.1277



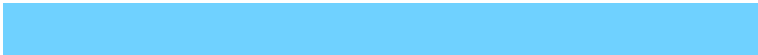
180.2330, 36.8601, -15.9903

Complementary

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



181.0580, -34.5386, 64.8471



184.9420, 34.5386, -64.8471

Split Complementary

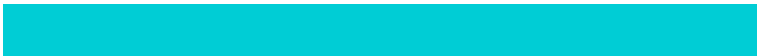
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



158.8280, 47.4128, -87.5492



181.0580, -34.5386, 64.8471



144.6170, 33.7128, -126.8291

Square

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



181.0580, -34.5386, 64.8471



167.2700, -23.3041, -38.8248



146.8290, 52.3423, -128.7690



186.9080, 26.6674, 33.4067

Rectangle

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



181.0580, -34.5386, 64.8471



175.9320, -43.8435, 15.8456



146.8290, 52.3423, -128.7690



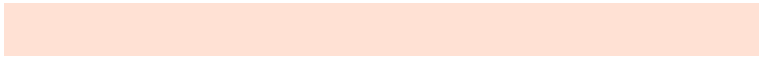
175.6820, 39.1038, -35.6781

Sweetspot

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



181.0580, -34.5386, 64.8471



232.4880, -10.1006, 19.7430



165.2280, 21.5796, 78.7300



114.4700, -6.1477, 11.8658



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.



181.0580, -34.5386, 64.8471



166.0120, -41.4179, 78.0425



223.3220, -55.3747, 27.7816



121.2350, -3.0739, 5.9329



92.9160, -45.8076, 86.0197



30.8760, -15.2219, 29.0497

Inverse Universe

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



184.9420, 34.5386, -64.8471



170.9880, 41.4179, -78.0425



142.6780, 55.3747, -27.7816



121.1780, 3.3632, -5.4181



98.0840, 45.8076, -86.0197



32.5370, 15.5113, -28.5349

Previews

White Background



This preview shows how the YUV color 181.0580, -34.5386, 64.8471 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 181.0580, -34.5386, 64.8471 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 181.0580, -34.5386, 64.8471 Background



This preview shows how black text looks on a background with the YUV color 181.0580, -34.5386, 64.8471.



This preview shows how white text looks on a background with the YUV color 181.0580, -34.5386,

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

181.0580, -34.5386, 64.8471

Protanopia

179.5310, -28.8558, 15.3203

Deuteranopia

180.5290, -35.7568, 35.4931



Tritanopia

184.0510, -10.3781, 62.2223

Trichromacy



Original Color

181.0580, -34.5386, 64.8471

Protanomaly

180.0710, -31.0940, 33.2637

Deuteranomaly

180.7090, -35.3525, 45.8592

Tritanomaly

183.0590, -19.2561, 63.0923

Monochromacy



Original Color

181.0580, -34.5386, 64.8471

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.9400, -12.2954, 23.7316

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.0580, -34.5386, 64.8471 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, 157, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 111)  
}
```

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, 157, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 111) }
```

Border

The CSS property to change the border of an element to YUV 181.0580, -34.5386, 64.8471 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, 157, 111) }
```


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

```
.border{ border-color:rgb(255, 157, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 157, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 181.0580, -34.5386, 64.8471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 111) }
```

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

```
.background{ background-color: rgb(255,  
157, 111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor