

# Converting Colors

YUV(181.6010, -34.8063,  
57.3549)

Have a look what the booklet for  
YUV(181.6010, -34.8063, 57.3549)  
contains.

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# Color

**YUV(181.6010, -34.8063,  
57.3549)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F7A26F
RGB	247, 162, 111
RGB Percent	97%, 64%, 44%
CMY	0.0314, 0.3647, 0.5647
CMYK	0.00, 0.34, 0.55, 0.03
HSL	22°, 89%, 70%
HSV	22°, 55%, 97%
XYZ	54.1473, 46.7625, 21.2111
YIQ	181.6010, 67.0310, 2.1590

# Conversions

## Conversions Part 2

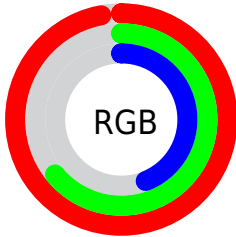
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 193, 111
Decimal	16228975
CIE Lab	74.04, 26.40, 39.30
CIE LCh	74, 47.342, 56.108
Yxy	46.7625, 0.4434, 0.3829
Android (android.graphics.Color)	4294419055 (0xFFFF7A26F)
YUV	181.6010, -34.8063, 57.3549
Hunter-Lab	68.3831, 21.6700, 29.4776

# Details

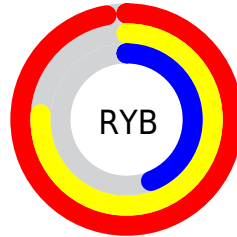
The YUV color **181.6010, -34.8063, 57.3549** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **176.3990, 34.8063, -57.3549**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.2060, -29.1886, 28.7603**, and **127.5510, -32.3166, 52.1368** is the 20% darker color. If you saturate the color by 10%, you get **169.9460, -41.3854, 67.5764**, and if you desaturate by 10%, it is **193.2560, -28.2272, 47.1335**.

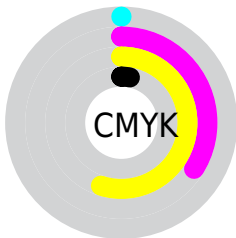
# Distribution



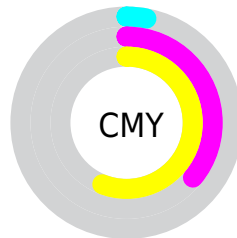
- Red (97%)
- Green (64%)
- Blue (44%)



- Red (97%)
- Yellow (76%)
- Blue (44%)



- Cyan (0%)
- Magenta (34%)
- Yellow (55%)
- Black (3%)



- Cyan (3%)
- Magenta (36%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 181.6010, -34.8063, 57.3549 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 181.6010, -34.8063, 57.3549 by changing the saturation by 10% instead.



181.6010,  
-34.8063, 57.3549

181.6010,  
-34.8063, 57.3549

255.0000, 0.0000,  
0.0000

153.9320,  
-33.4905, 55.3106

222.2060,  
-29.1886, 28.7603

127.5510,  
-32.3166, 52.1368

242.4210,  
-25.3506, 11.0318

101.4690,  
-31.2902, 49.5777

250.8960,  
-15.7247, 3.5992

75.9740, -30.5532,  
46.5038

254.2020, -3.0576,  
0.6998

52.5050, -25.8850,  
42.5301

30.6320, -15.1016,  
37.1567

14.0530, -6.9281,

28.8945

■ 0.5980, -0.2948,  
1.2296

■ 0.0000, 0.0000,  
0.0000

■ 181.6010,  
-34.8063, 57.3549

■ 181.6010,  
-34.8063, 57.3549

■ 169.9460,  
-41.3854, 67.5764

■ 193.2560,  
-28.2272, 47.1335

■ 157.8180,  
-47.2383, 78.2126

■ 205.3840,  
-22.3743, 36.4972

■ 146.1630,  
-53.8174, 88.4340

■ 217.0390,  
-15.7952, 26.2758

■ 133.9210,  
-60.1071, 99.1703

■ 229.2810, -9.5055,  
15.5396

128.4440,  
-63.3229, 103.9736

240.9360, -2.9264,  
5.3181

252.6080, 1.1793,  
-4.9182

# Harmonies

## Analogous

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



180.3520, -16.9355, 65.4663



181.6010, -34.8063, 57.3549



179.1880, -41.9977, 30.5301

# Triad

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



181.6010, -34.8063, 57.3549



150.7610, 11.9498, -99.7684



183.5440, 35.2278, -5.7391

# Complementary

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



181.6010, -34.8063, 57.3549



176.3990, 34.8063, -57.3549

# 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.



168.7280, 42.5321, -62.0285



181.6010, -34.8063, 57.3549



144.7140, 36.6230, -126.9142

# Square

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



181.6010, -34.8063, 57.3549



167.7300, -17.6149, -43.6132



145.6550, 52.9211, -127.7394



187.5620, 21.4149, 38.0951



# Rectangle

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



181.6010, -34.8063, 57.3549



176.3270, -39.6012, 8.4832



145.6550, 52.9211, -127.7394



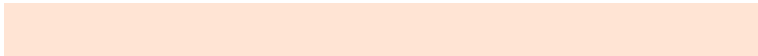
179.6020, 37.1712, -22.4530

# Sweetspot

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



181.6010, -34.8063, 57.3549



234.2490, -10.9688, 18.1986



161.4680, 17.5173, 75.0116



115.6440, -6.7265, 10.8362



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.



181.6010, -34.8063, 57.3549



174.2130, -42.9960, 70.8502



220.9300, -54.1955, 22.8634



116.5230, -3.2158, 4.8033



96.7040, -47.6751, 78.3126



30.5550, -15.0636, 24.9463



# Inverse Universe

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



176.3990, 34.8063, -57.3549



167.7870, 42.9960, -70.8502



137.0700, 54.1955, -22.8634



116.0640, 2.9264, -5.3181



89.2960, 47.6751, -78.3126



28.4450, 15.0636, -24.9463



# Previews

## White Background



This preview shows how the YUV color 181.6010, -34.8063, 57.3549 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

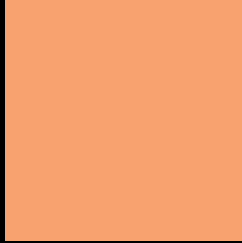
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 181.6010, -34.8063, 57.3549 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

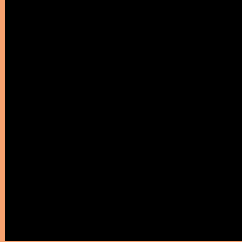
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 181.6010, -34.8063, 57.3549

## Background



This preview shows how black text looks on a background with the YUV color 181.6010, -34.8063, 57.3549.



This preview shows how white text looks on a background with the YUV color 181.6010, -34.8063, 57.3549.



# 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

181.6010, -34.8063, 57.3549

### Protanopia

179.6020, -29.8768, 16.1350

### Deuteranopia

180.5290, -35.7568, 35.4931



## Tritanopia

185.0720, -8.9095, 57.8189

# Trichromacy



## Original Color

181.6010, -34.8063, 57.3549

## Protanomaly

180.5330, -31.8148, 31.1046

## Deuteranomaly

180.9860, -35.4891, 42.9853

## Tritanomaly

184.2540, -18.3662, 57.6592

# Monochromacy



## Original Color

181.6010, -34.8063, 57.3549

## Achromatopsia

182.0000, 0.0000, 0.0000

## Achromatomaly

182.1030, -12.8688, 20.9577

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 181.6010, -34.8063, 57.3549 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(247, 162, 111)` looks like.

```
.text, #text, p{  
    color:rgb(247, 162, 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(247, 162, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 162, 111) }
```

## Border

The CSS property to change the border of an element to YUV 181.6010, -34.8063, 57.3549 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(247, 162, 111) }
```



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

```
.border{ border-color:rgb(247, 162, 111) }
```

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

Here you see how a box with a 4 pixel rgb(247, 162, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 162, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 162, 111);  
box-shadow:4px 4px 4px 4px rgb(247, 162,  
111) }
```

# Background

The CSS property to change the background color of an element to YUV 181.6010, -34.8063, 57.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 162, 111) }
```

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

```
.background{ background-color: rgb(247,  
162, 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](#).

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