

Converting Colors

YUV(176.4930, -34.2600,
68.8506)

Have a look what the booklet for
YUV(176.4930, -34.2600, 68.8506)
contains.

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Color

**YUV(176.4930, -34.2600,
68.8506)**

Conversions

Conversions Part 1

Format	Color
Hex	FF966B
RGB	255, 150, 107
RGB Percent	100%, 59%, 42%
CMY	0.0000, 0.4118, 0.5804
CMYK	0.00, 0.41, 0.58, 0.00
HSL	17°, 100%, 71%
HSV	17°, 58%, 100%
XYZ	54.8002, 44.1342, 19.5404
YIQ	176.4930, 76.3830, 8.8870

Conversions

Conversions Part 2

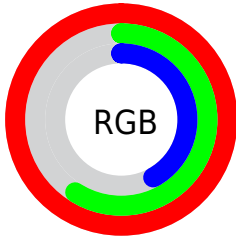
Format	Color
R_{YB}	255, 168, 107
Decimal	16750187
CIE _{Lab}	72.32, 35.47, 39.46
CIE _{LCh}	72, 53.059, 48.049
Yxy	44.1342, 0.4625, 0.3725
Android (android.graphics.Color)	4294940267 (0xFFFF966B)
YUV	176.4930, -34.2600, 68.8506
Hunter-Lab	66.4336, 30.9835, 29.0643

Details

The YUV color **176.4930, -34.2600, 68.8506** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **185.5070, 34.2600, -68.8506**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.7060, -27.4631, 35.3378**, and **122.1440, -31.6230, 63.0177** is the 20% darker color. If you saturate the color by 10%, you get **163.0770, -39.9710, 80.6165**, and if you desaturate by 10%, it is **190.0230, -28.1123, 56.9848**.

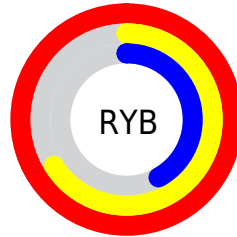
Distribution



Red (100%)

Green (59%)

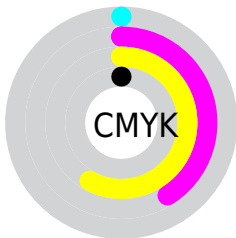
Blue (42%)



Red (100%)

Yellow (66%)

Blue (42%)

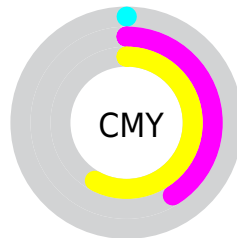


Cyan (0%)

Magenta (41%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.4930, -34.2600, 68.8506 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 176.4930, -34.2600, 68.8506 by changing the saturation by 10% instead.

176.4930,
-34.2600, 68.8506

176.4930,
-34.2600, 68.8506

255.0000, 0.0000,
0.0000

148.5250,
-32.7968, 66.1916

214.7060,
-27.4631, 35.3378

122.1440,
-31.6230, 63.0177

234.8070,
-24.0619, 17.7093

95.8770, -30.0124,
59.7439

250.3260,
-17.9087, 4.0991

69.6100, -28.4017,
56.4700

253.6320, -5.2416,
1.1997

44.6080, -21.9917,
53.8408

23.0230, -11.3503,
47.3378

15.2490, -7.5178,

31.3536

■ 1.7940, -0.8844,
3.6887

■ 0.0000, 0.0000,
0.0000

■ 176.4930,
-34.2600, 68.8506

■ 176.4930,
-34.2600, 68.8506

■ 163.0770,
-39.9710, 80.6165

■ 190.0230,
-28.1123, 56.9848

■ 149.5470,
-46.1187, 92.4823

■ 203.4390,
-22.4014, 45.2190

■ 136.1310,
-51.8296, 104.2481

■ 216.9690,
-16.2537, 33.3532

■ 122.6010,
-57.9773, 116.1139

■ 230.3850,
-10.5428, 21.5874

■ 119.6830,
-59.0037, 118.6730

■ 243.9150, -4.3951,
9.7215

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.



173.7640, -11.7157, 71.2440



176.4930, -34.2600, 68.8506



174.1140, -46.3982, 41.9960

Triad

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



176.4930, -34.2600, 68.8506



141.1530, 7.3196, -108.0052



174.5850, 39.6446, -22.4380

Complementary

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



176.4930, -34.2600, 68.8506



185.5070, 34.2600, -68.8506

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.



139.4260, 56.9780, -122.2766



176.4930, -34.2600, 68.8506



142.0580, 31.5234, -124.5849

Square

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



176.4930, -34.2600, 68.8506



163.1840, -26.2197, -36.9954



144.4980, 51.0265, -126.7247



182.6950, 29.7304, 30.9625

Rectangle

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



176.4930, -34.2600, 68.8506



171.5580, -46.6171, 18.8046



144.4980, 51.0265, -126.7247



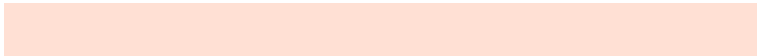
168.5390, 42.6253, -45.1997

Sweetspot

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



176.4930, -34.2600, 68.8506



231.9010, -9.8112, 20.2578



163.3360, 24.4844, 80.3893



113.8830, -5.8583, 12.3806



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.



176.4930, -34.2600, 68.8506



160.1590, -40.9974, 83.1756



219.3440, -55.3856, 31.2703



120.6480, -2.7845, 6.4477



89.9810, -44.3606, 88.5937



30.2890, -14.9325, 29.5645

Inverse Universe

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



185.5070, 34.2600, -68.8506



171.2540, 41.2868, -82.6608



142.6560, 55.3856, -31.2703



121.7650, 3.0739, -5.9329



101.6060, 44.0712, -89.1085



33.7110, 14.9325, -29.5645

Previews

White Background



This preview shows how the YUV color 176.4930, -34.2600, 68.8506 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 176.4930, -34.2600, 68.8506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

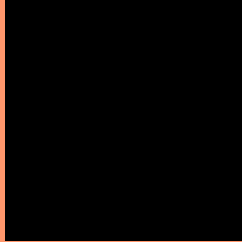
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.4930, -34.2600, 68.8506

Background



This preview shows how black text looks on a background with the YUV color 176.4930, -34.2600, 68.8506.



This preview shows how white text looks on a background with the YUV color 176.4930, -34.2600,

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

176.4930, -34.2600, 68.8506

Protanopia

175.6450, -28.4190, 15.2203

Deuteranopia

176.1160, -36.0462, 34.9783



Tritanopia

179.7310, -11.6994, 66.0109

Trichromacy



Original Color

176.4930, -34.2600, 68.8506

Protanomaly

176.1960, -30.6626, 34.9081

Deuteranomaly

176.3070, -35.6474, 47.0888

Tritanomaly

178.2660, -19.8511, 67.2957

Monochromacy



Original Color

176.4930, -34.2600, 68.8506

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.5380, -12.5902, 24.9612

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.4930, -34.2600, 68.8506 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, 150, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 107)  
}
```

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, 150, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 107) }
```

Border

The CSS property to change the border of an element to YUV 176.4930, -34.2600, 68.8506 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, 150, 107) }
```


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

```
.border{ border-color:rgb(255, 150, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 150, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 176.4930, -34.2600, 68.8506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 107) }
```

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

```
.background{ background-color: rgb(255,  
150, 107) }
```

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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