

Converting Colors

YUV(186.4680, -26.3597,
54.8406)

Have a look what the booklet for
YUV(186.4680, -26.3597, 54.8406)
contains.

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Color

**YUV(186.4680, -26.3597,
54.8406)**

Conversions

Conversions Part 1

Format	Color
Hex	F9A585
RGB	249, 165, 133
RGB Percent	98%, 65%, 52%
CMY	0.0235, 0.3529, 0.4784
CMYK	0.00, 0.34, 0.47, 0.02
HSL	17°, 91%, 75%
HSV	17°, 47%, 98%
XYZ	56.7557, 48.7435, 28.6074
YIQ	186.4680, 60.3360, 7.8560

Conversions

Conversions Part 2

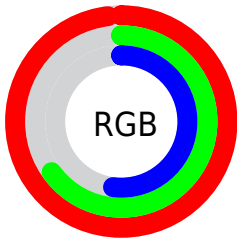
Format	Color
R _Y B	249, 177, 133
Decimal	16360837
CIE Lab	75.29, 27.55, 29.30
CIE LCh	75, 40.217, 46.770
Yxy	48.7435, 0.4232, 0.3635
Android (android.graphics.Color)	4294550917 (0xFFFF9A585)
YUV	186.4680, -26.3597, 54.8406
Hunter-Lab	69.8165, 22.9285, 24.5774

Details

The YUV color **186.4680, -26.3597, 54.8406** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **195.5320, 26.3597, -54.8406**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5890, -20.0104, 24.9164**, and **132.0160, -24.1649, 50.8520** is the 20% darker color. If you saturate the color by 10%, you get **173.0520, -32.0706, 66.6064**, and if you desaturate by 10%, it is **199.8840, -20.6488, 43.0747**.

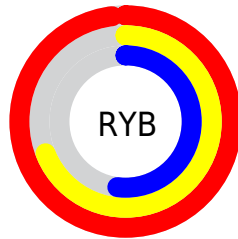
Distribution



Red (98%)

Green (65%)

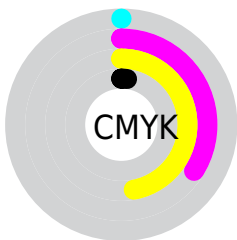
Blue (52%)



Red (98%)

Yellow (69%)

Blue (52%)

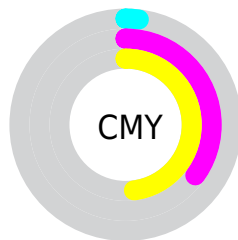


Cyan (0%)

Magenta (34%)

Yellow (47%)

Black (2%)



Cyan (2%)

Magenta (35%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.4680, -26.3597, 54.8406 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 186.4680, -26.3597, 54.8406 by changing the saturation by 10% instead.

186.4680,
-26.3597, 54.8406

186.4680,
-26.3597, 54.8406

255.0000, 0.0000,
0.0000

158.7990,
-25.0439, 52.7963

226.5890,
-20.0104, 24.9164

132.0160,
-24.1649, 50.8520

246.8040,
-16.1724, 7.1879

106.0480,
-22.7017, 48.1929

253.6320, -5.2416,
1.1997

80.6670, -21.5278,
45.0190

56.4000, -19.9172,
41.7452

32.7140, -16.1280,
39.7158

15.2490, -7.5178,

31.3536

■ 5.0830, -2.5059,
10.4512

■ 0.0000, 0.0000,
0.0000

■ 186.4680,
-26.3597, 54.8406

■ 186.4680,
-26.3597, 54.8406

■ 173.0520,
-32.0706, 66.6064

■ 199.8840,
-20.6488, 43.0747

■ 159.6360,
-37.7815, 78.3722

■ 213.3000,
-14.9379, 31.3089

■ 146.2200,
-43.4925, 90.1381

■ 226.7160, -9.2270,
19.5431

■ 132.8040,
-49.2034, 101.9039

■ 240.1320, -3.5161,
7.7772

■ 119.3880,
-54.9143, 113.6697

■ 253.2060, 0.8844,
-3.6887

■ 114.9540,
-56.6723, 117.5583

Harmonies

Analogous

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



187.3280, -10.5147, 59.3483



186.4680, -26.3597, 54.8406



184.3440, -35.1726, 34.7783

Triad

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



186.4680, -26.3597, 54.8406



168.6860, -0.8312, -60.2376



185.2390, 34.3922, -17.7496

Complementary

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



186.4680, -26.3597, 54.8406



195.5320, 26.3597, -54.8406

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.



173.4460, 40.2061, -62.6581



186.4680, -26.3597, 54.8406



156.9750, 24.1693, -99.0791

Square

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



186.4680, -26.3597, 54.8406



175.9280, -21.1635, -25.3699



156.1710, 40.3417, -106.2670



190.1040, 22.6267, 22.7108

Rectangle

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



186.4680, -26.3597, 54.8406



182.2340, -35.1184, 17.3348



156.1710, 40.3417, -106.2670



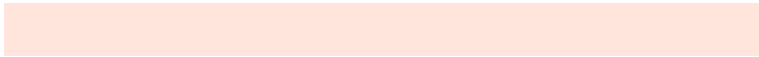
181.9060, 36.0353, -31.4896

Sweetspot

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



186.4680, -26.3597, 54.8406



235.6340, -8.2006, 16.9840



177.3740, 20.0286, 62.8160



116.1000, -4.9793, 10.4363



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.



186.4680, -26.3597, 54.8406



178.2370, -32.6548, 67.3212



219.9270, -42.8550, 25.4970



118.2350, -3.0739, 5.9329



87.0350, -42.9083, 89.4233



28.2180, -13.9115, 28.7498

Inverse Universe

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



195.5320, 26.3597, -54.8406



189.3500, 32.3655, -67.8359



162.0730, 42.8550, -25.4970



119.3520, 2.7845, -6.4477



101.9650, 42.9083, -89.4233



32.7820, 13.9115, -28.7498

Previews

White Background



This preview shows how the YUV color 186.4680, -26.3597, 54.8406 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 186.4680, -26.3597, 54.8406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

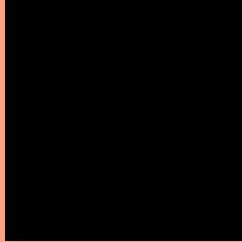
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.4680, -26.3597, 54.8406

Background



This preview shows how black text looks on a background with the YUV color 186.4680, -26.3597, 54.8406.



This preview shows how white text looks on a background with the YUV color 186.4680, -26.3597,

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

186.4680, -26.3597, 54.8406

Protanopia

184.8710, -21.1354, 12.3911

Deuteranopia

185.4990, -26.8680, 31.1344



Tritanopia

188.8760, -8.3199, 55.3597

Trichromacy



Original Color

186.4680, -26.3597, 54.8406

Protanomaly

185.2150, -22.7840, 27.8754

Deuteranomaly

185.6680, -26.4583, 39.7562

Tritanomaly

188.1550, -14.8664, 55.1151

Monochromacy



Original Color

186.4680, -26.3597, 54.8406

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.0150, -9.3744, 20.1578

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.4680, -26.3597, 54.8406 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(249, 165, 133)` looks like.

```
.text, #text, p{  
    color:rgb(249, 165, 133)  
}
```

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(249, 165, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 165, 133) }
```

Border

The CSS property to change the border of an element to YUV 186.4680, -26.3597, 54.8406 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(249, 165, 133) }
```


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

```
.border{ border-color:rgb(249, 165, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 165, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 165, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 165, 133);  
box-shadow:4px 4px 4px 4px rgb(249, 165,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 186.4680, -26.3597, 54.8406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 165, 133) }
```

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

```
.background{ background-color: rgb(249,  
165, 133) }
```

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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