

# Converting Colors

YUV(198.4350, -26.3435,  
49.6075)

Have a look what the booklet for  
YUV(198.4350, -26.3435, 49.6075)  
contains.

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# Color

**YUV(198.4350, -26.3435,  
49.6075)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB491
RGB	255, 180, 145
RGB Percent	100%, 71%, 57%
CMY	0.0000, 0.2941, 0.4314
CMYK	0.00, 0.29, 0.43, 0.00
HSL	19°, 100%, 78%
HSV	19°, 43%, 100%
XYZ	62.6721, 55.9469, 34.2837
YIQ	198.4350, 55.9350, 5.0150

# Conversions

## Conversions Part 2

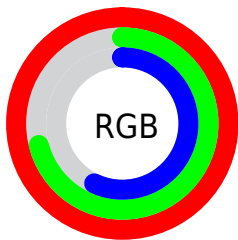
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 196, 145
Decimal	16757905
CIE Lab	79.58, 23.19, 28.74
CIE LCh	80, 36.930, 51.091
Yxy	55.9469, 0.4099, 0.3659
Android (android.graphics.Color)	4294947985 (0xFFFFB491)
YUV	198.4350, -26.3435, 49.6075
Hunter-Lab	74.7976, 18.6673, 25.1826

# Details

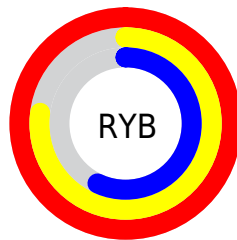
The YUV color  $198.4350, -26.3435, 49.6075$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $201.5650, 26.3435, -49.6075$ , and the grayscale version is  $199.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $237.4630, -18.9623, 15.3799$ , and  $143.8690, -24.5854, 45.7189$  is the 20% darker color. If you saturate the color by 10%, you get  $185.6060, -32.3438, 60.8585$ , and if you desaturate by 10%, it is  $211.3780, -19.9064, 38.2565$ .

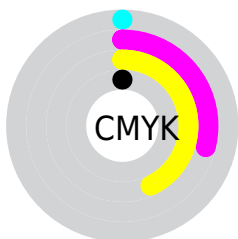
# Distribution



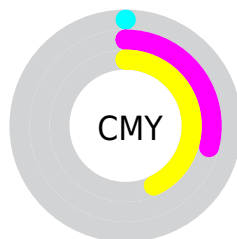
- Red (100%)
- Green (71%)
- Blue (57%)



- Red (100%)
- Yellow (77%)
- Blue (57%)



- Cyan (0%)
- Magenta (29%)
- Yellow (43%)
- Black (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 198.4350, -26.3435, 49.6075 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 198.4350, -26.3435, 49.6075 by changing the saturation by 10% instead.



198.4350,  
-26.3435, 49.6075

198.4350,  
-26.3435, 49.6075

255.0000, 0.0000,  
0.0000

170.6520,  
-25.4644, 47.6632

237.4630,  
-18.9623, 15.3799

143.8690,  
-24.5854, 45.7189

251.8080,  
-12.2303, 2.7994

117.7870,  
-23.5590, 43.1598

92.1180, -22.2432,  
41.1155

67.7370, -21.0693,  
37.9417

43.4270, -20.9165,  
35.5825

22.6250, -11.1541,

31.0239

■ 10.5790, -4.7224,  
21.4172

■ 0.0000, 0.0000,  
0.0000

■ 198.4350,  
-26.3435, 49.6075

■ 198.4350,  
-26.3435, 49.6075

■ 185.6060,  
-32.3438, 60.8585

■ 211.3780,  
-19.9064, 38.2565

■ 172.0760,  
-38.4915, 72.7243

■ 224.7940,  
-14.1954, 26.4907

■ 159.1330,  
-44.9286, 84.0754

■ 237.7370, -7.7583,  
15.1397

■ 145.7170,  
-50.6395, 95.8412

■ 251.1530, -2.0474,  
3.3738

■ 132.7740, 255.0000, 0.0000,  
-57.0766, 107.1922 0.0000

■ 123.7920,  
-61.0295, 115.0694

# Harmonies

## Analogous

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



197.0450, -11.3612, 50.8265



198.4350, -26.3435, 49.6075



196.1800, -33.1197, 29.6601

# Triad

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



198.4350, -26.3435, 49.6075



181.6800, 1.6368, -58.4784



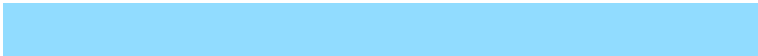
197.6870, 28.2553, -9.3725

# Complementary

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



198.4350, -26.3435, 49.6075



201.5650, 26.3435, -49.6075

# 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.



188.8840, 32.5952, -48.1333



198.4350, -26.3435, 49.6075



176.2050, 22.0839, -83.4948

# Square

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



198.4350, -26.3435, 49.6075



187.9430, -17.2269, -28.0140



178.9570, 35.0242, -80.6463



202.2030, 19.1269, 25.2550



# Rectangle

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



198.4350, -26.3435, 49.6075



193.7110, -31.9025, 12.5315



178.9570, 35.0242, -80.6463



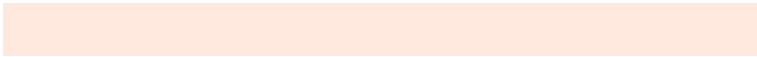
194.9520, 29.6037, -21.8829

# Sweetspot

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



198.4350, -26.3435, 49.6075



237.7370, -7.7583, 15.1397



186.4400, 16.5451, 60.1271



117.3880, -5.1213, 9.3067



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.



198.4350, -26.3435, 49.6075



187.0080, -32.0489, 59.6290



230.7200, -42.2600, 21.2936



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.



201.5650, 26.3435, -49.6075



190.5790, 31.7596, -60.1438



169.2800, 42.2600, -21.2936



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 198.4350, -26.3435, 49.6075 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 198.4350, -26.3435, 49.6075 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 198.4350, -26.3435, 49.6075

## Background



This preview shows how black text looks on a background with the YUV color 198.4350, -26.3435, 49.6075.



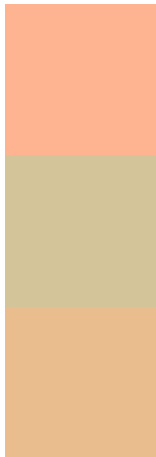
This preview shows how white text looks on a background with the YUV color 198.4350, -26.3435,

49.6075.

# 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

198.4350, -26.3435, 49.6075

### Protanopia

196.1700, -21.2828, 13.0059

### Deuteranopia

197.2110, -26.7260, 32.2640



## Tritanopia

200.9890, -6.4036, 47.3676

# Trichromacy



## Original Color

198.4350, -26.3435, 49.6075

## Protanomaly

197.0900, -23.2154, 26.2311

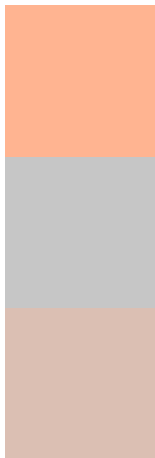
## Deuteranomaly

197.9560, -26.6003, 38.6266

## Tritanomaly

199.7520, -13.6817, 48.4525

# Monochromacy



## Original Color

198.4350, -26.3435, 49.6075

## Achromatopsia

198.0000, 0.0000, 0.0000

## Achromatomaly

198.0040, -9.3690, 18.4135

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 198.4350, -26.3435, 49.6075 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, 180, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 145)  
}
```

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, 180, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 145) }
```

## Border

The CSS property to change the border of an element to YUV 198.4350, -26.3435, 49.6075 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, 180, 145) }
```



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

```
.border{ border-color:rgb(255, 180, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
145) }
```

# Background

The CSS property to change the background color of an element to YUV 198.4350, -26.3435, 49.6075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 145) }
```

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

```
.background{ background-color: rgb(255,  
180, 145) }
```

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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