

# Converting Colors

YUV(199.0440, -46.8567,  
49.0734)

Have a look what the booklet for  
YUV(199.0440, -46.8567, 49.0734)  
contains.

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# Color

**YUV(199.0440, -46.8567,  
49.0734)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBD68
RGB	255, 189, 104
RGB Percent	100%, 74%, 41%
CMY	0.0000, 0.2588, 0.5922
CMYK	0.00, 0.26, 0.59, 0.00
HSL	34°, 100%, 70%
HSV	34°, 59%, 100%
XYZ	61.9363, 58.6547, 21.1538
YIQ	199.0440, 66.6210, -12.4430

# Conversions

## Conversions Part 2

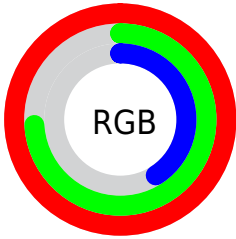
Format	Color
R <sub>Y</sub> B	221, 255, 104
Decimal	16760168
CIE Lab	81.10, 14.94, 51.58
CIE LCh	81, 53.702, 73.844
Yxy	58.6547, 0.4370, 0.4138
Android (android.graphics.Color)	4294950248 (0xFFFFBD68)
YUV	199.0440, -46.8567, 49.0734
Hunter-Lab	76.5863, 10.3290, 37.2340

# Details

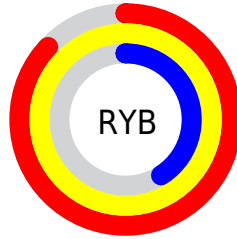
The YUV color  $199.0440, -46.8567, 49.0734$  is a light color, and the websafe version is hex  $\text{FFCC66}$ . A complement of this color would be  $159.9560, 46.8567, -49.0734$ , and the grayscale version is  $199.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $237.9580, -39.9123, 14.9458$ , and  $144.1790, -44.9512, 44.5700$  is the 20% darker color. If you saturate the color by 10%, you get  $189.7370, -54.5933, 57.2357$ , and if you desaturate by 10%, it is  $208.4650, -38.6832, 40.8112$ .

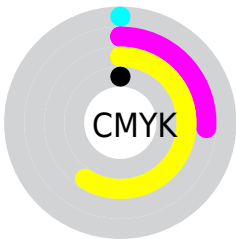
# Distribution



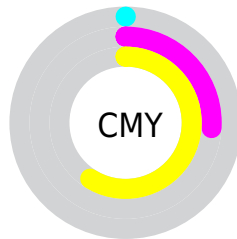
- Red (100%)
- Green (74%)
- Blue (41%)



- Red (87%)
- Yellow (100%)
- Blue (41%)



- Cyan (0%)
- Magenta (26%)
- Yellow (59%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 199.0440, -46.8567, 49.0734 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 199.0440, -46.8567, 49.0734 by changing the saturation by 10% instead.



199.0440,  
-46.8567, 49.0734

199.0440,  
-46.8567, 49.0734

255.0000, 0.0000,  
0.0000

171.2610,  
-45.9777, 47.1291

237.9580,  
-39.9123, 14.9458

144.1790,  
-44.9512, 44.5700

247.0200,  
-30.5759, 6.9985

116.8690,  
-44.7984, 42.2109

250.2120,  
-18.3455, 4.1991

91.1460, -44.9350,  
39.3370

253.5180, -5.6784,  
1.2997

69.5720, -34.2990,  
34.5784

48.2860, -23.8050,  
28.6902

27.8860, -13.7478,

22.9020

■ 9.2690, -4.5696,  
19.0581

■ 0.0000, 0.0000,  
0.0000

■ 199.0440,  
-46.8567, 49.0734

■ 199.0440,  
-46.8567, 49.0734

■ 189.7370,  
-54.5933, 57.2357

■ 208.4650,  
-38.6832, 40.8112

■ 180.3160,  
-62.7668, 65.4979

■ 217.7720,  
-30.9466, 32.6490

■ 170.8950,  
-70.9402, 73.7601

■ 227.0790,  
-23.2099, 24.4867

■ 161.0010,  
-78.3875, 82.4371

■ 237.0870,  
-15.3259, 15.7097

160.7730,  
-79.2611, 82.6371

246.5080, -7.1524,  
7.4475

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.



191.8980, -28.5437, 55.3405



199.0440, -46.8567, 49.0734



194.9270, -46.3060, 12.3420

# Triad

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



199.0440, -46.8567, 49.0734



158.7850, 32.1510, -139.2544



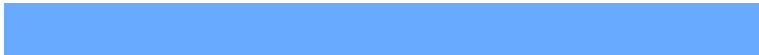
204.7070, 24.7944, 27.4440

# Complementary

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



199.0440, -46.8567, 49.0734



159.9560, 46.8567, -49.0734

# 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.



194.0220, 30.0622, -28.9603



199.0440, -46.8567, 49.0734



160.5580, 46.5599, -140.8094

# Square

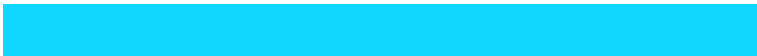
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



199.0440, -46.8567, 49.0734



175.0050, -1.4815, -85.0734



159.7710, 46.9479, -125.2102



198.8470, 15.8514, 49.2462



# Rectangle

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



199.0440, -46.8567, 49.0734



191.0420, -37.4887, -15.8228



159.7710, 46.9479, -125.2102



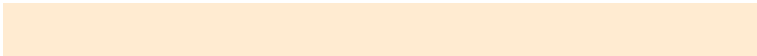
202.2380, 26.0117, 10.3153

# Sweetspot

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



199.0440, -46.8567, 49.0734



238.0160, -14.3049, 14.8950



156.9010, 7.4438, 86.0328



117.0630, -8.9051, 9.5917



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.



199.0440, -46.8567, 49.0734



187.9930, -56.1985, 58.7651



235.3940, -64.7772, 10.1785



122.9960, -3.9420, 4.3885



120.5050, -59.4090, 61.8241



40.2680, -19.8521, 20.8130



# Inverse Universe

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



159.9560, 46.8567, -49.0734



141.0070, 56.1985, -58.7651



123.6060, 64.7772, -10.1785



119.4170, 4.2314, -3.8737



71.0820, 59.1196, -62.3389



23.7320, 19.8521, -20.8130



# Previews

## White Background



This preview shows how the YUV color 199.0440, -46.8567, 49.0734 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 199.0440, -46.8567, 49.0734 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 199.0440, -46.8567, 49.0734 Background



This preview shows how black text looks on a background with the YUV color 199.0440, -46.8567, 49.0734.



This preview shows how white text looks on a background with the YUV color 199.0440, -46.8567,



# 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

199.0440, -46.8567, 49.0734

### Protanopia

197.2640, -44.0072, 21.6935

### Deuteranopia

198.5980, -47.1298, 43.3256



## Tritanopia

205.1950, -5.5191, 43.6790

# Trichromacy



## Original Color

199.0440, -46.8567, 49.0734

## Protanomaly

197.8030, -44.7659, 31.7448

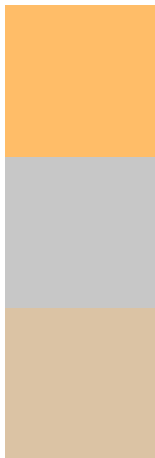
## Deuteranomaly

198.9080, -47.2826, 45.6847

## Tritanomaly

203.1940, -20.8016, 45.4339

# Monochromacy



## Original Color

199.0440, -46.8567, 49.0734

## Achromatopsia

199.0000, 0.0000, 0.0000

## Achromatomaly

198.6420, -17.0785, 17.8540

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 199.0440, -46.8567, 49.0734 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, 189, 104)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 104)  
}
```

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, 189, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 104) }
```

## Border

The CSS property to change the border of an element to YUV 199.0440, -46.8567, 49.0734 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, 189, 104) }
```



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

```
.border{ border-color:rgb(255, 189, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 104);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
104) }
```

# Background

The CSS property to change the background color of an element to YUV 199.0440, -46.8567, 49.0734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 104) }
```

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

```
.background{ background-color: rgb(255,  
189, 104) }
```

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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