

# Converting Colors

YUV(208.5160, -46.1034,  
40.7665)

Have a look what the booklet for  
YUV(208.5160, -46.1034, 40.7665)  
contains.

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# Color

**YUV(208.5160, -46.1034,  
40.7665)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCB73
RGB	255, 203, 115
RGB Percent	100%, 80%, 45%
CMY	0.0000, 0.2039, 0.5490
CMYK	0.00, 0.20, 0.55, 0.00
HSL	38°, 100%, 73%
HSV	38°, 55%, 100%
XYZ	65.6904, 65.2097, 25.3441
YIQ	208.5160, 59.2400, -16.3440

# Conversions

## Conversions Part 2

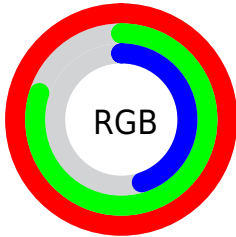
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 255, 115
Decimal	16763763
CIELab	84.59, 8.49, 50.41
CIELCh	85, 51.116, 80.444
Yxy	65.2097, 0.4204, 0.4174
Android (android.graphics.Color)	4294953843 (0xFFFFCB73)
YUV	208.5160, -46.1034, 40.7665
Hunter-Lab	80.7525, 3.8891, 37.9186

# Details

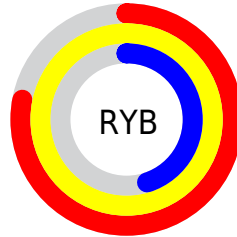
The YUV color **208.5160, -46.1034, 40.7665** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **161.4840, 46.1034, -40.7665**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1960, -37.5646, 8.5981**, and **153.0640, -43.9086, 36.7779** is the 20% darker color. If you saturate the color by 10%, you get **200.3830, -54.4188, 47.8991**, and if you desaturate by 10%, it is **216.7630, -37.3512, 33.5338**.

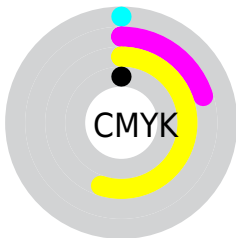
# Distribution



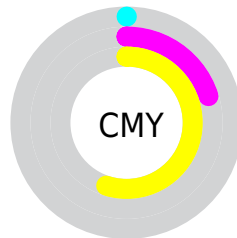
- Red (100%)
- Green (80%)
- Blue (45%)



- Red (78%)
- Yellow (100%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 208.5160, -46.1034, 40.7665 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 208.5160, -46.1034, 40.7665 by changing the saturation by 10% instead.



208.5160,  
-46.1034, 40.7665

208.5160,  
-46.1034, 40.7665

255.0000, 0.0000,  
0.0000

180.7330,  
-45.2244, 38.8222

245.1960,  
-37.5646, 8.5981

153.0640,  
-43.9086, 36.7779

248.3880,  
-25.3343, 5.7987

126.1670,  
-43.4663, 34.9335

251.5800,  
-13.1039, 2.9993

100.0590,  
-46.3711, 33.2743

254.8860, -0.4368,  
0.1000

76.9150, -37.9191,  
29.0155

55.3410, -27.2831,  
24.2569

34.9410, -17.2259,

18.4687

■ 14.8510, -7.3215,  
15.0397

■ 0.0000, 0.0000,  
0.0000

■ 208.5160,  
-46.1034, 40.7665

■ 208.5160,  
-46.1034, 40.7665

■ 200.3830,  
-54.4188, 47.8991

■ 216.7630,  
-37.3512, 33.5338

■ 191.5490,  
-62.8817, 55.6465

■ 225.4830,  
-29.3251, 25.8864

■ 183.3020,  
-71.6339, 62.8791

■ 233.7300,  
-20.5729, 18.6538

■ 174.5820,  
-79.6599, 70.5266

■ 242.4500,  
-12.5468, 11.0064

170.1650,  
-83.8913, 74.4003

250.6970, -3.7946,  
3.7737

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.



201.2730, -30.7006, 47.1186



208.5160, -46.1034, 40.7665



204.1970, -42.4951, 3.3352

# Triad

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



208.5160, -46.1034, 40.7665



166.2340, 37.8456, -145.7872



214.4970, 19.9680, 35.5211

# Complementary

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



208.5160, -46.1034, 40.7665



161.4840, 46.1034, -40.7665

# 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.



206.2260, 24.0456, -12.4762



208.5160, -46.1034, 40.7665



164.6670, 44.5342, -144.4130

# Square

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



208.5160, -46.1034, 40.7665



183.9810, 4.9394, -91.1913



188.9960, 32.5400, -77.1725



204.4890, 12.0839, 44.2981



# Rectangle

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



208.5160, -46.1034, 40.7665



199.5940, -31.3518, -24.1999



188.9960, 32.5400, -77.1725



212.9360, 20.7376, 21.9811

# Sweetspot

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



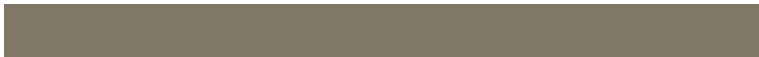
208.5160, -46.1034, 40.7665



241.5210, -13.5679, 11.8211



163.0160, 2.9501, 80.6700



119.8670, -8.3154, 7.1326



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.



208.5160, -46.1034, 40.7665



198.8670, -55.1504, 49.2286



234.2560, -58.7932, 4.1605



123.5830, -4.2314, 3.8737



127.5490, -62.8817, 55.6465



42.6160, -21.0097, 18.7538



# Inverse Universe

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



161.4840, 46.1034, -40.7665



142.5460, 55.4398, -48.7138



135.7440, 58.7932, -4.1605



118.8300, 4.5208, -3.3589



63.4510, 62.8817, -55.6465



21.3840, 21.0097, -18.7538



# Previews

## White Background



This preview shows how the YUV color 208.5160, -46.1034, 40.7665 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 208.5160, -46.1034, 40.7665 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 208.5160, -46.1034, 40.7665

## Background



This preview shows how black text looks on a background with the YUV color 208.5160, -46.1034, 40.7665.



This preview shows how white text looks on a background with the YUV color 208.5160, -46.1034,



# 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

208.5160, -46.1034, 40.7665

### Protanopia

207.2640, -44.0072, 21.6935

### Deuteranopia

209.2970, -40.5724, 40.0815



## Tritanopia

215.0090, -3.4554, 35.0721

# Trichromacy



**Original Color**

208.5160, -46.1034, 40.7665

**Protanomaly**

207.7810, -44.7550, 28.2561

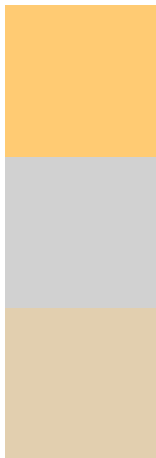
**Deuteranomaly**

208.8410, -42.3196, 40.4814

**Tritanomaly**

212.8940, -19.1747, 36.9270

# Monochromacy



**Original Color**

208.5160, -46.1034, 40.7665

**Achromatopsia**

209.0000, 0.0000, 0.0000

**Achromatomaly**

209.0330, -16.7783, 14.8801

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 208.5160, -46.1034, 40.7665 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, 203, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 115)  
}
```

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, 203, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 115) }
```

## Border

The CSS property to change the border of an element to YUV 208.5160, -46.1034, 40.7665 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, 203, 115) }
```



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

```
.border{ border-color:rgb(255, 203, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
115) }
```

# Background

The CSS property to change the background color of an element to YUV 208.5160, -46.1034, 40.7665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 115) }
```

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

```
.background{ background-color: rgb(255,  
203, 115) }
```

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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