

# Converting Colors

YUV(211.4310, -16.9745,  
31.1940)

Have a look what the booklet for  
YUV(211.4310, -16.9745, 31.1940)  
contains.

<b>YUV(211.4310, -16.9745, 31.1940)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(211.4310, -16.9745,  
31.1940)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7C8B1
RGB	247, 200, 177
RGB Percent	97%, 78%, 69%
CMY	0.0314, 0.2157, 0.3059
CMYK	0.00, 0.19, 0.28, 0.03
HSL	20°, 81%, 83%
HSV	20°, 28%, 97%
XYZ	66.9479, 64.2570, 50.4693
YIQ	211.4310, 35.3950, 2.8110

# Conversions

## Conversions Part 2

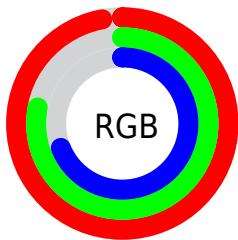
Format	Color
R <sub>Y</sub> B	247, 211, 177
Decimal	16238769
CIE Lab	84.10, 13.41, 17.80
CIE LCh	84, 22.289, 53.012
Yxy	64.2570, 0.3685, 0.3537
Android (android.graphics.Color)	4294428849 (0xFFFF7C8B1)
YUV	211.4310, -16.9745, 31.1940
Hunter-Lab	80.1605, 8.7975, 18.7832

# Details

The YUV color  $211.4310, -16.9745, 31.1940$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $212.5690, 16.9745, -31.1940$ , and the grayscale version is  $212.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $252.4920, -9.6096, 2.1995$ , and  $156.6480, -16.0955, 29.2497$  is the 20% darker color. If you saturate the color by 10%, you get  $198.6020, -22.9748, 42.4450$ , and if you desaturate by 10%, it is  $224.2600, -10.9742, 19.9430$ .

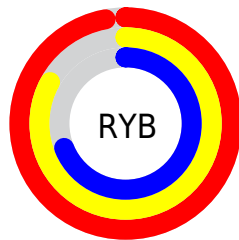
# Distribution



Red (97%)

Green (78%)

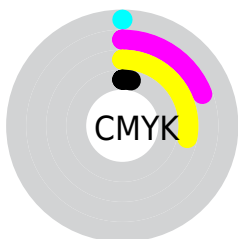
Blue (69%)



Red (97%)

Yellow (83%)

Blue (69%)

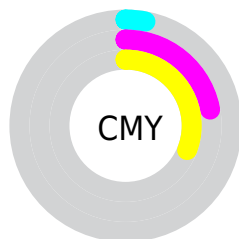


Cyan (0%)

Magenta (19%)

Yellow (28%)

Black (3%)



Cyan (3%)

Magenta (22%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 211.4310, -16.9745, 31.1940 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 211.4310, -16.9745, 31.1940 by changing the saturation by 10% instead.



211.4310,  
-16.9745, 31.1940

211.4310,  
-16.9745, 31.1940

255.0000, 0.0000,  
0.0000

183.8330,  
-16.6797, 29.9645

252.4920, -9.6096,  
2.1995

156.6480,  
-16.0955, 29.2497

130.1640,  
-15.3639, 27.9202

104.6800,  
-14.6322, 26.5906

80.8970, -13.7532,  
24.6463

57.1140, -12.8742,  
22.7020

34.9890, -13.3056,

21.0576

■ 13.1120, -6.4642,  
20.0728

■ 0.0000, 0.0000,  
0.0000

■ 211.4310,  
-16.9745, 31.1940

■ 211.4310,  
-16.9745, 31.1940

■ 198.6020,  
-22.9748, 42.4450

■ 224.2600,  
-10.9742, 19.9430

■ 186.4740,  
-28.8277, 53.0813

■ 236.3880, -5.1213,  
9.3067

■ 173.6450,  
-34.8280, 64.3323

■ 249.2170, 0.8790,  
-1.9443

■ 161.4030,  
-41.1177, 75.0686

■ 252.6080, 1.1793,  
-4.9182

■ 148.6880,  
-46.6812, 86.2196

■ 135.8590,  
-52.6815, 97.4707

■ 123.6170,  
-58.9712, 108.2069

■ 121.4000,  
-59.8502, 110.1512

# Harmonies

## Analogous

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



213.1140, -9.4232, 35.8570



211.4310, -16.9745, 31.1940



209.7300, -20.5729, 18.6538

# Triad

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



211.4310, -16.9745, 31.1940



202.6060, 0.6872, -33.8575



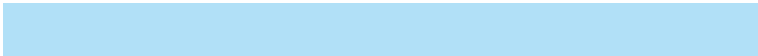
211.0870, 18.1981, -3.5843

# Complementary

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



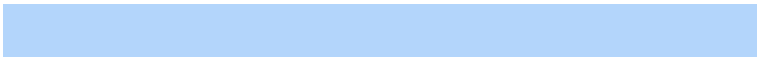
211.4310, -16.9745, 31.1940



212.5690, 16.9745, -31.1940

# 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.



207.1660, 21.6102, -24.7016



211.4310, -16.9745, 31.1940



201.7110, 11.4815, -42.7195

# Square

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



211.4310, -16.9745, 31.1940



204.8440, -10.2761, -17.4032



203.4970, 19.4750, -39.9009



212.9710, 10.8603, 16.6884



# Rectangle

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



211.4310, -16.9745, 31.1940



207.7070, -19.0826, 7.2730



203.4970, 19.4750, -39.9009



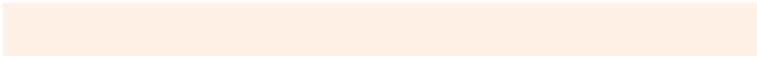
209.7980, 19.8196, -10.3468

# Sweetspot

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



211.4310, -16.9745, 31.1940



243.5730, -5.7055, 10.0215



203.4020, 10.6478, 38.2354



120.4200, -3.6581, 6.6477



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.



211.4310, -16.9745, 31.1940



211.0360, -21.2167, 38.5564



231.3890, -26.8138, 13.6908



115.9360, -2.9264, 5.3181



91.4210, -45.0706, 82.9458



28.7940, -14.1954, 26.4907

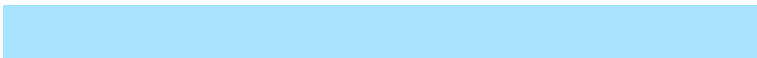


# Inverse Universe

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



212.5690, 16.9745, -31.1940



212.5510, 20.9274, -39.0712



192.6110, 26.8138, -13.6908



116.0640, 2.9264, -5.3181



94.5790, 45.0706, -82.9458

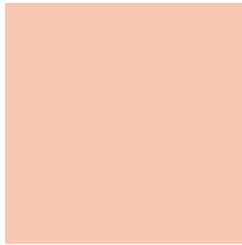


29.6190, 14.4848, -25.9759



# Previews

## White Background



This preview shows how the YUV color 211.4310, -16.9745, 31.1940 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 211.4310, -16.9745, 31.1940 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

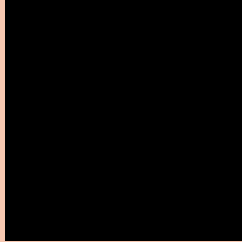
Any Text WCAG AA ✓ Pass

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 211.4310, -16.9745, 31.1940 Background



This preview shows how black text looks on a background with the YUV color 211.4310, -16.9745, 31.1940.



This preview shows how white text looks on a background with the YUV color 211.4310, -16.9745,



# 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

211.4310, -16.9745, 31.1940

### Protanopia

209.2110, -13.4150, 9.4620

### Deuteranopia

211.1100, -16.8162, 27.0905



## Tritanopia

213.4540, -1.7028, 32.9278

# Trichromacy



## Original Color

211.4310, -16.9745, 31.1940

## Protanomaly

210.2120, -14.8945, 17.3541

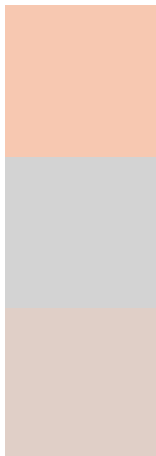
## Deuteranomaly

211.1210, -16.8217, 28.8349

## Tritanomaly

212.9610, -7.3758, 32.4832

# Monochromacy



## Original Color

211.4310, -16.9745, 31.1940

## Achromatopsia

211.0000, 0.0000, 0.0000

## Achromatomaly

211.1710, -6.0003, 11.2510

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 211.4310, -16.9745, 31.1940 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(247, 200, 177)` looks like.

```
.text, #text, p{  
    color:rgb(247, 200, 177)  
}
```

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(247, 200, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 200, 177) }
```

## Border

The CSS property to change the border of an element to YUV 211.4310, -16.9745, 31.1940 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(247, 200, 177) }
```



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

```
.border{ border-color:rgb(247, 200, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 200, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 200, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 200, 177); box-shadow:4px 4px 4px 4px rgb(247, 200, 177) }
```

# Background

The CSS property to change the background color of an element to YUV 211.4310, -16.9745, 31.1940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 200, 177) }
```

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

```
.background{ background-color: rgb(247,  
200, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor