

# Converting Colors

YUV(219.5110, -11.5909,  
31.1239)

Have a look what the booklet for  
YUV(219.5110, -11.5909, 31.1239)  
contains.

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# Color

**YUV(219.5110, -11.5909,  
31.1239)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCEC4
RGB	255, 206, 196
RGB Percent	100%, 81%, 77%
CMY	0.0000, 0.1922, 0.2314
CMYK	0.00, 0.19, 0.23, 0.00
HSL	10°, 100%, 88%
HSV	10°, 23%, 100%
XYZ	73.2751, 69.3881, 61.7558
YIQ	219.5110, 32.4140, 7.2780

# Conversions

## Conversions Part 2

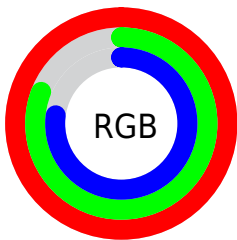
Format	Color
R <sub>Y</sub> B	255, 208, 196
Decimal	16764612
CIE Lab	86.70, 15.81, 11.51
CIE LCh	87, 19.559, 36.047
Yxy	69.3881, 0.3585, 0.3394
Android (android.graphics.Color)	4294954692 (0xFFFFCEC4)
YUV	219.5110, -11.5909, 31.1239
Hunter-Lab	83.2995, 11.2448, 14.3538

# Details

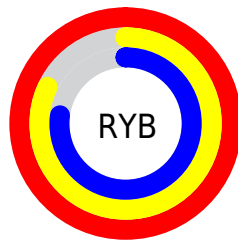
The YUV color  $219.5110, -11.5909, 31.1239$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $231.4890, 11.5909, -31.1239$ , and the grayscale version is  $220.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.7720, -0.8736, 0.2000$ , and  $164.3150, -11.0013, 28.6647$  is the 20% darker color. If you saturate the color by 10%, you get  $204.3340, -16.4337, 44.4341$ , and if you desaturate by 10%, it is  $234.8020, -6.3114, 17.7136$ .

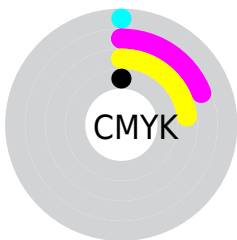
# Distribution



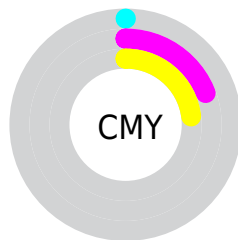
- Red (100%)
- Green (81%)
- Blue (77%)



- Red (100%)
- Yellow (82%)
- Blue (77%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (0%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 219.5110, -11.5909, 31.1239 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 219.5110, -11.5909, 31.1239 by changing the saturation by 10% instead.



219.5110,  
-11.5909, 31.1239

219.5110,  
-11.5909, 31.1239

255.0000, 0.0000,  
0.0000

191.3260,  
-11.0067, 30.4091

254.7720, -0.8736,  
0.2000

164.3150,  
-11.0013, 28.6647

138.1300,  
-10.4171, 27.9500

112.5320,  
-10.1223, 26.7204

87.1620, -8.9539,  
25.2909

63.5640, -8.6591,  
24.0614

41.4820, -7.6326,

21.5023

■ 19.0260, -9.3798,  
21.9022

■ 1.1960, -0.5896,  
2.4591

■ 219.5110,  
-11.5909, 31.1239

■ 219.5110,  
-11.5909, 31.1239

■ 204.3340,  
-16.4337, 44.4341

■ 234.8020, -6.3114,  
17.7136

■ 189.0430,  
-21.7132, 57.8443

■ 249.9790, -1.4686,  
4.4034

■ 173.2790,  
-26.2665, 71.6693

255.0000, 0.0000,  
0.0000

■ 157.9880,  
-31.5461, 85.0795

■ 142.8110,  
-36.3888, 98.3898

■ 127.5200,  
-41.6684, 111.8000

■ 112.3430,  
-46.5111, 125.1102

■ 101.4860,  
-50.0326, 134.6318

# Harmonies

## Analogous

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



220.3890, -3.1498, 30.3538



219.5110, -11.5909, 31.1239



218.0880, -16.8054, 23.6018

# Triad

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



219.5110, -11.5909, 31.1239



211.1900, -5.0237, -22.0916



216.4340, 18.5200, -13.5356

# Complementary

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



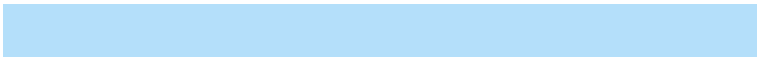
219.5110, -11.5909, 31.1239



231.4890, 11.5909, -31.1239

# 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.



213.2210, 18.1320, -29.1348



219.5110, -11.5909, 31.1239



210.3440, 4.7604, -33.6277

# Square

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



219.5110, -11.5909, 31.1239



214.1120, -13.3662, -6.2372



210.9120, 13.3544, -36.7568



219.2900, 13.6610, 5.0077



# Rectangle

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



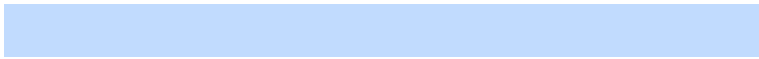
219.5110, -11.5909, 31.1239



216.6910, -18.0887, 15.1800



210.9120, 13.3544, -36.7568



215.2160, 19.1205, -19.4834

# Sweetspot

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



219.5110, -11.5909, 31.1239



244.1430, -3.5215, 9.5216



219.2270, 12.7061, 31.3729



121.4630, -2.2003, 5.7329



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

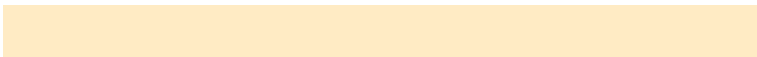
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.5110, -11.5909, 31.1239



212.2730, -13.9386, 37.4716



236.5340, -19.9833, 16.1947



120.0610, -2.4951, 6.9625



75.8930, -37.4152, 100.9488

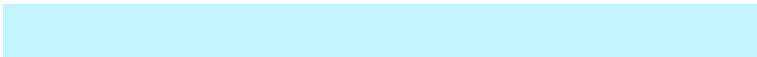


25.5930, -12.6173, 33.6829



# Inverse Universe

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



231.4890, 11.5909, -31.1239



226.7270, 13.9386, -37.4716



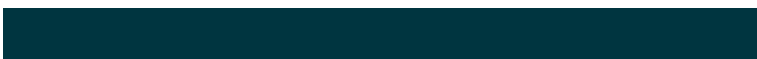
214.4660, 19.9833, -16.1947



122.3520, 2.7845, -6.4477



115.1070, 37.4152, -100.9488

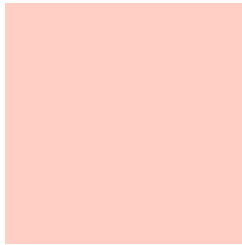


38.4070, 12.6173, -33.6829



# Previews

## White Background



This preview shows how the YUV color 219.5110, -11.5909, 31.1239 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

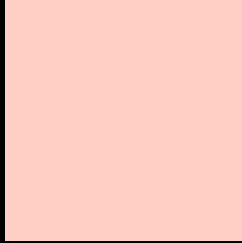
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.5110, -11.5909, 31.1239 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

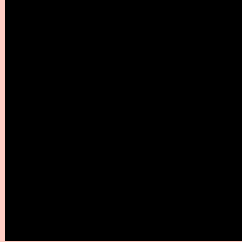
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 219.5110, -11.5909, 31.1239

## Background



This preview shows how black text looks on a background with the YUV color 219.5110, -11.5909, 31.1239.



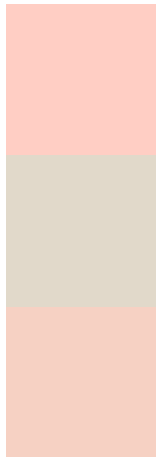
This preview shows how white text looks on a background with the YUV color 219.5110, -11.5909, 31.1239.



# 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

219.5110, -11.5909, 31.1239

### Protanopia

217.6820, -7.7312, 6.4179

### Deuteranopia

218.4670, -11.5692, 24.1464



## Tritanopia

220.8450, -1.4026, 29.9539

# Trichromacy



## Original Color

219.5110, -11.5909, 31.1239

## Protanomaly

218.3950, -9.0687, 15.4396

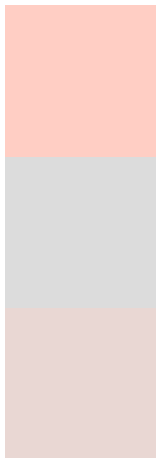
## Deuteranomaly

218.7770, -11.7221, 26.5056

## Tritanomaly

220.5200, -5.1864, 30.2390

# Monochromacy



## Original Color

219.5110, -11.5909, 31.1239

## Achromatopsia

220.0000, 0.0000, 0.0000

## Achromatomaly

219.9260, -4.4005, 11.4659

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.5110, -11.5909, 31.1239 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, 206, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 196)  
}
```

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, 206, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 196) }
```

## Border

The CSS property to change the border of an element to YUV 219.5110, -11.5909, 31.1239 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, 206, 196) }
```



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

```
.border{ border-color:rgb(255, 206, 196) }
```

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

Here you see how a box with a 4 pixel rgb(255, 206, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
196) }
```

# Background

The CSS property to change the background color of an element to YUV 219.5110, -11.5909, 31.1239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 196) }
```

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

```
.background{ background-color: rgb(255,  
206, 196) }
```

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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