

# Converting Colors

YUV(211.5550, -11.6126,  
38.1013)

Have a look what the booklet for  
YUV(211.5550, -11.6126, 38.1013)  
contains.

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# Color

**YUV(211.5550, -11.6126,  
38.1013)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC2BC
RGB	255, 194, 188
RGB Percent	100%, 76%, 74%
CMY	0.0000, 0.2392, 0.2627
CMYK	0.00, 0.24, 0.26, 0.00
HSL	5°, 100%, 87%
HSV	5°, 26%, 100%
XYZ	69.6089, 63.4744, 56.1600
YIQ	211.5550, 38.2820, 11.0660

# Conversions

## Conversions Part 2

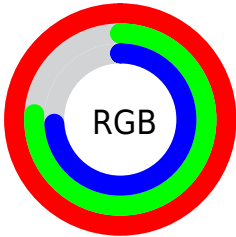
Format	Color
R <sub>Y</sub> B	255, 195, 188
Decimal	16761532
CIE Lab	83.69, 20.99, 11.49
CIE LCh	84, 23.926, 28.697
Yxy	63.4744, 0.3678, 0.3354
Android (android.graphics.Color)	4294951612 (0xFFFFC2BC)
YUV	211.5550, -11.6126, 38.1013
Hunter-Lab	79.6708, 16.5326, 13.9761

# Details

The YUV color  $211.5550, -11.6126, 38.1013$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $231.4450, 11.6126, -38.1013$ , and the grayscale version is  $212.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.3980, -3.6472, 3.1590$ , and  $156.4730, -10.5862, 35.5422$  is the 20% darker color. If you saturate the color by 10%, you get  $195.2040, -15.8766, 52.4411$ , and if you desaturate by 10%, it is  $228.0200, -6.9119, 23.6615$ .

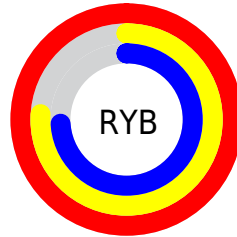
# Distribution



Red (100%)

Green (76%)

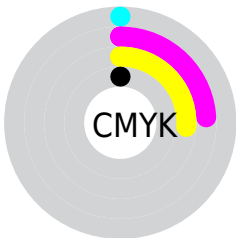
Blue (74%)



Red (100%)

Yellow (76%)

Blue (74%)

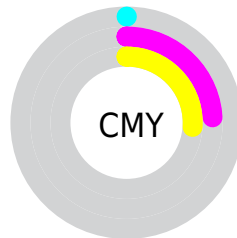


Cyan (0%)

Magenta (24%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (24%)


Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 211.5550, -11.6126, 38.1013 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 211.5550, -11.6126, 38.1013 by changing the saturation by 10% instead.



 211.5550,  
-11.6126, 38.1013


 211.5550,  
-11.6126, 38.1013


255.0000, 0.0000,  
0.0000


 183.9570,  
-11.3178, 36.8717


 251.3980, -3.6472,  
3.1590

 156.4730,  
-10.5862, 35.5422

 129.9890, -9.8546,  
34.2126

 104.9780, -9.8492,  
32.4683

 80.1950, -8.9701,  
30.5240

 56.4120, -8.0911,  
28.5797

 33.7430, -6.7753,

26.5354

■ 12.5580, -6.1911,  
25.8206

■ 0.0000, 0.0000,  
0.0000

■ 211.5550,  
-11.6126, 38.1013

■ 211.5550,  
-11.6126, 38.1013

■ 195.2040,  
-15.8766, 52.4411

■ 228.0200, -6.9119,  
23.6615

■ 178.7390,  
-20.5773, 66.8809

■ 244.3710, -2.6479,  
9.3216

■ 161.8010,  
-24.5519, 81.7355

255.0000, 0.0000,  
0.0000

■ 145.3360,  
-29.2526, 96.1753

■ 128.9850,  
-33.5166, 110.5152

■ 112.5200,  
-38.2174, 124.9550

■ 95.5820, -42.1919,  
139.8096

■ 89.7460, -44.2448,  
144.9278

# Harmonies

## Analogous

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



212.5790, -1.2714, 34.5722



211.5550, -11.6126, 38.1013



209.8610, -19.1585, 31.6939

# Triad

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



211.5550, -11.6126, 38.1013



202.5660, -8.6600, -22.4214



206.8180, 22.7677, -22.6424

# Complementary

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



211.5550, -11.6126, 38.1013



231.4450, 11.6126, -38.1013

# 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.



202.0670, 21.6590, -40.4008



211.5550, -11.6126, 38.1013



200.2570, 3.3243, -39.6904

# Square

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



211.5550, -11.6126, 38.1013



205.2820, -17.8870, -2.8783



199.4870, 14.5499, -46.9081



210.5220, 18.4767, 0.4192



# Rectangle

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



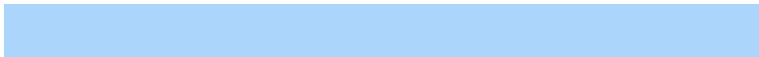
211.5550, -11.6126, 38.1013



208.5240, -21.4573, 22.3425



199.4870, 14.5499, -46.9081



205.1870, 23.0788, -29.1050

# Sweetspot

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



211.5550, -11.6126, 38.1013



241.5670, -3.2375, 11.7807



214.9870, 16.7684, 35.0914



119.4740, -2.2057, 7.4773



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.



211.5550, -11.6126, 38.1013



202.2140, -14.4025, 46.2933



230.9260, -21.1625, 21.1129



119.4740, -2.2057, 7.4773



67.0880, -33.0744, 108.6708



22.6580, -11.1704, 36.2569



# Inverse Universe

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



231.4450, 11.6126, -38.1013



226.3730, 14.1131, -46.8081



212.0740, 21.1625, -21.1129



122.9390, 2.4951, -6.9625



123.9120, 33.0744, -108.6708



41.3420, 11.1704, -36.2569



# Previews

## White Background



This preview shows how the YUV color 211.5550, -11.6126, 38.1013 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

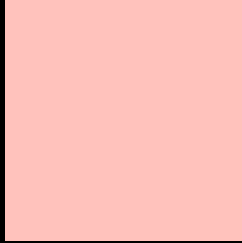
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 211.5550, -11.6126, 38.1013 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

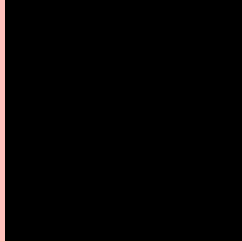
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 211.5550, -11.6126, 38.1013

## Background



This preview shows how black text looks on a background with the YUV color 211.5550, -11.6126, 38.1013.



This preview shows how white text looks on a background with the YUV color 211.5550, -11.6126, 38.1013.



# 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

211.5550, -11.6126, 38.1013

### Protanopia

209.0240, -6.4208, 6.1180

### Deuteranopia

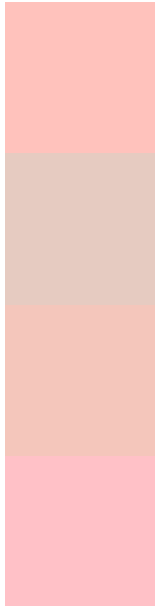
210.1680, -11.4218, 23.5317



## Tritanopia

212.4330, -3.1715, 37.3313

# Trichromacy



## Original Color

211.5550, -11.6126, 38.1013

## Protanomaly

209.9330, -8.3480, 17.5988

## Deuteranomaly

210.5000, -11.5855, 29.3795

## Tritanomaly

212.2220, -6.5184, 37.5163

# Monochromacy



## Original Color

211.5550, -11.6126, 38.1013

## Achromatopsia

212.0000, 0.0000, 0.0000

## Achromatomaly

211.6490, -4.2640, 14.3398

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 211.5550, -11.6126, 38.1013 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, 194, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 188)  
}
```

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, 194, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 188) }
```

## Border

The CSS property to change the border of an element to YUV 211.5550, -11.6126, 38.1013 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, 194, 188) }
```



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

```
.border{ border-color:rgb(255, 194, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
188) }
```

# Background

The CSS property to change the background color of an element to YUV 211.5550, -11.6126, 38.1013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 188) }
```

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

```
.background{ background-color: rgb(255,  
194, 188) }
```

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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