

Converting Colors

YUV(216.8210, -11.7438,
33.4830)

Have a look what the booklet for
YUV(216.8210, -11.7438, 33.4830)
contains.

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Color

**YUV(216.8210, -11.7438,
33.4830)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAC1
RGB	255, 202, 193
RGB Percent	100%, 79%, 76%
CMY	0.0000, 0.2078, 0.2431
CMYK	0.00, 0.21, 0.24, 0.00
HSL	9°, 100%, 88%
HSV	9°, 24%, 100%
XYZ	71.9862, 67.3513, 59.6581
YIQ	216.8210, 34.4770, 8.4370

Conversions

Conversions Part 2

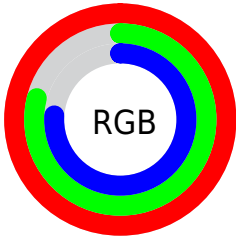
Format	Color
R _Y B	255, 204, 193
Decimal	16763585
CIE Lab	85.68, 17.48, 11.66
CIE LCh	86, 21.013, 33.690
Yxy	67.3513, 0.3617, 0.3385
Android (android.graphics.Color)	4294953665 (0xFFFFCAC1)
YUV	216.8210, -11.7438, 33.4830
Hunter-Lab	82.0678, 12.9533, 14.3474

Details

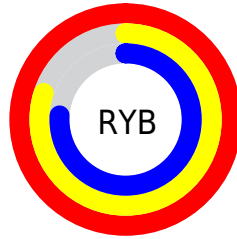
The YUV color **216.8210, -11.7438, 33.4830** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **231.1790, 11.7438, -33.4830**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.3160, -2.6208, 0.5999**, and **161.7390, -10.7173, 30.9239** is the 20% darker color. If you saturate the color by 10%, you get **201.0570, -16.2971, 47.3080**, and if you desaturate by 10%, it is **232.6990, -6.7536, 19.5580**.

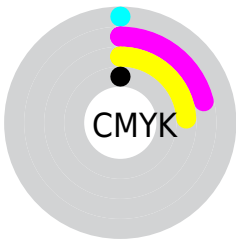
Distribution



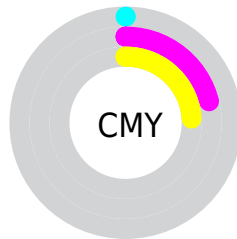
- Red (100%)
- Green (79%)
- Blue (76%)



- Red (100%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (21%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.8210, -11.7438, 33.4830 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 216.8210, -11.7438, 33.4830 by changing the saturation by 10% instead.

216.8210,
-11.7438, 33.4830

216.8210,
-11.7438, 33.4830

255.0000, 0.0000,
0.0000

189.2230,
-11.4489, 32.2534

254.3160, -2.6208,
0.5999

161.7390,
-10.7173, 30.9239

135.4400,
-10.5699, 30.3091

109.6570, -9.6909,
28.3648

85.0590, -9.3961,
27.1353

61.2760, -8.5171,
25.1909

38.4930, -7.6380,

23.2466

■ 16.3790, -8.0748,
23.3466

■ 0.0000, 0.0000,
0.0000

■ 216.8210,
-11.7438, 33.4830

■ 216.8210,
-11.7438, 33.4830

■ 201.0570,
-16.2971, 47.3080

■ 232.6990, -6.7536,
19.5580

■ 185.1790,
-21.2872, 61.2330

■ 248.4630, -2.2003,
5.7329

■ 170.0020,
-26.1300, 74.5432

255.0000, 0.0000,
0.0000

■ 154.1240,
-31.1201, 88.4683

■ 138.3600,
-35.6735, 102.2933

■ 122.4820,
-40.6636, 116.2183

■ 106.7180,
-45.2170, 130.0433

■ 97.9640, -48.2963,
137.7206

Harmonies

Analogous

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



217.5140, -2.7184, 31.9982



216.8210, -11.7438, 33.4830



215.1700, -17.8318, 26.1609

Triad

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



216.8210, -11.7438, 33.4830



208.5490, -6.1867, -22.4065



213.3520, 19.5465, -16.0947

Complementary

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



216.8210, -11.7438, 33.4830



231.1790, 11.7438, -33.4830

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.



209.5410, 19.4533, -32.9235



216.8210, -11.7438, 33.4830



206.9200, 4.4764, -35.8868

Square

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



216.8210, -11.7438, 33.4830



211.0690, -14.8240, -5.3225



207.0040, 13.8020, -40.3455



216.3330, 15.1188, 4.0930

Rectangle

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



216.8210, -11.7438, 33.4830



213.7730, -19.1151, 17.7391



207.0040, 13.8020, -40.3455



212.1340, 20.1469, -22.0425

Sweetspot

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



216.8210, -11.7438, 33.4830



244.1430, -3.5215, 9.5216



217.6940, 14.4479, 32.7174



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.



216.8210, -11.7438, 33.4830



209.5830, -14.0914, 39.8307



234.4310, -20.4255, 18.0390



120.0610, -2.4951, 6.9625



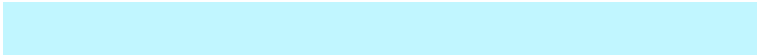
73.5450, -36.2577, 103.0080



24.4190, -12.0386, 34.7125

Inverse Universe

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



231.1790, 11.7438, -33.4830



226.4170, 14.0914, -39.8307



213.5690, 20.4255, -18.0390



122.9390, 2.4951, -6.9625



117.4550, 36.2577, -103.0080



38.9940, 12.3280, -34.1977

Previews

White Background



This preview shows how the YUV color 216.8210, -11.7438, 33.4830 looks on a white background.

Color Contrast Check

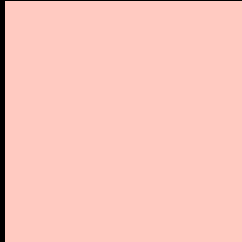
Large Text (above 18pt) WCAG AA × Fail

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 216.8210, -11.7438, 33.4830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

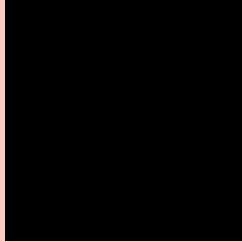
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.8210, -11.7438, 33.4830

Background



This preview shows how black text looks on a background with the YUV color 216.8210, -11.7438, 33.4830.



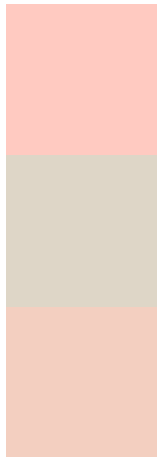
This preview shows how white text looks on a background with the YUV color 216.8210, -11.7438,

33.4830.

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

216.8210, -11.7438, 33.4830

Protanopia

214.6820, -7.7312, 6.4179

Deuteranopia

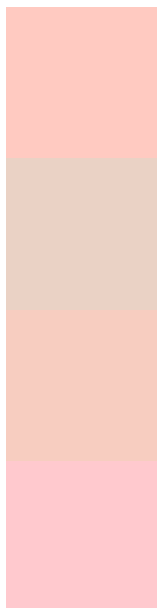
216.0540, -11.8586, 23.6316



Tritanopia

218.0410, -1.9922, 32.4130

Trichromacy



Original Color

216.8210, -11.7438, 33.4830

Protanomaly

215.6940, -9.2161, 16.0544

Deuteranomaly

216.0760, -11.8695, 27.1203

Tritanomaly

217.7160, -5.7760, 32.6981

Monochromacy



Original Color

216.8210, -11.7438, 33.4830

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.2250, -4.5479, 12.0807

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.8210, -11.7438, 33.4830 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, 202, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 193)  
}
```

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, 202, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 193) }
```

Border

The CSS property to change the border of an element to YUV 216.8210, -11.7438, 33.4830 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, 202, 193) }
```


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

```
.border{ border-color:rgb(255, 202, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 216.8210, -11.7438, 33.4830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 193) }
```

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

```
.background{ background-color: rgb(255,  
202, 193) }
```

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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