

# Converting Colors

YUV(212.3830, -20.8948,  
28.6051)

Have a look what the booklet for  
YUV(212.3830, -20.8948, 28.6051)  
contains.

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# Color

**YUV(212.3830, -20.8948,  
28.6051)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5CCAA
RGB	245, 204, 170
RGB Percent	96%, 80%, 67%
CMY	0.0392, 0.2000, 0.3333
CMYK	0.00, 0.17, 0.31, 0.04
HSL	27°, 79%, 81%
HSV	27°, 31%, 96%
XYZ	66.5048, 65.5005, 47.1679
YIQ	212.3830, 35.3500, -1.8820

# Conversions

## Conversions Part 2

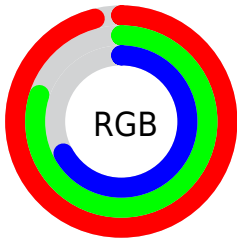
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 232, 170
Decimal	16108714
CIE Lab	84.74, 9.66, 22.36
CIE LCh	85, 24.359, 66.634
Yxy	65.5005, 0.3712, 0.3656
Android (android.graphics.Color)	4294298794 (0xFFF5CCAA)
YUV	212.3830, -20.8948, 28.6051
Hunter-Lab	80.9324, 5.0476, 22.0981

# Details

The YUV color  $212.3830, -20.8948, 28.6051$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $202.6170, 20.8948, -28.6051$ , and the grayscale version is  $213.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.5800, -13.1039, 2.9993$ , and  $157.7140, -19.5790, 26.5608$  is the 20% darker color. If you saturate the color by 10%, you get  $202.0160, -27.6159, 37.6970$ , and if you desaturate by 10%, it is  $222.8640, -13.7370, 19.4133$ .

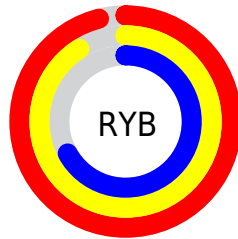
# Distribution



Red (96%)

Green (80%)

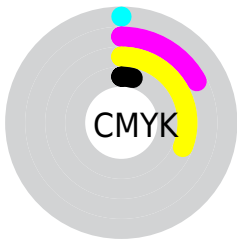
Blue (67%)



Red (96%)

Yellow (91%)

Blue (67%)

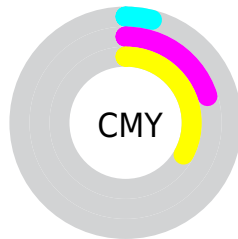


Cyan (0%)

Magenta (17%)

Yellow (31%)

Black (4%)



Cyan (4%)

Magenta (20%)


Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 212.3830, -20.8948, 28.6051 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 212.3830, -20.8948, 28.6051 by changing the saturation by 10% instead.





 212.3830,  
-20.8948, 28.6051

 212.3830,  
-20.8948, 28.6051


255.0000, 0.0000,  
0.0000

 184.7850,  
-20.6000, 27.3756


 251.5800,  
-13.1039, 2.9993


 157.7140,  
-19.5790, 26.5608

254.8860, -0.4368,  
0.1000

 131.2300,  
-18.8474, 25.2313

 105.7460,  
-18.1158, 23.9018

 81.2620, -17.3842,  
22.5722

 58.1800, -16.3577,  
20.0131

 35.2400, -17.3733,

19.0835

■ 15.4490, -7.6164,  
16.2692

■ 0.0000, 0.0000,  
0.0000

■ 212.3830,  
-20.8948, 28.6051

■ 212.3830,  
-20.8948, 28.6051

■ 202.0160,  
-27.6159, 37.6970

■ 222.8640,  
-13.7370, 19.4133

■ 190.9480,  
-34.4844, 47.4036

■ 233.8180, -7.3053,  
9.8066

■ 180.5810,  
-41.2054, 56.4955

■ 244.1850, -0.5842,  
0.7148

■ 169.5130,  
-48.0739, 66.2021

■ 252.0100, 1.4741,  
-6.1478

■ 159.1460,  
-54.7950, 75.2940

■ 148.6650,  
-61.9528, 84.4858

■ 138.4120,  
-68.2371, 93.4777

# Harmonies

## Analogous

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



213.5610, -14.0806, 36.3420



212.3830, -20.8948, 28.6051



210.3440, -21.8616, 11.9763

# Triad

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



212.3830, -20.8948, 28.6051



202.4460, 6.6821, -43.3641



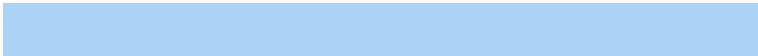
214.3980, 16.5658, 6.6670

# Complementary

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



212.3830, -20.8948, 28.6051



202.6170, 20.8948, -28.6051

# 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.



210.9220, 21.7305, -16.5946



212.3830, -20.8948, 28.6051



202.2850, 17.6075, -47.6079

# Square

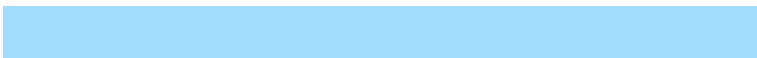
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212.3830, -20.8948, 28.6051



204.3310, -5.5862, -28.3543



206.1320, 23.1059, -37.8268



216.0000, 6.9020, 26.3100



# Rectangle

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



212.3830, -20.8948, 28.6051



208.0650, -18.7660, -0.9340



206.1320, 23.1059, -37.8268



213.7390, 19.3557, -1.5251

# Sweetspot

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



212.3830, -20.8948, 28.6051



244.7470, -6.2843, 8.9919



197.0990, 6.8532, 42.0092



121.5940, -4.2368, 5.6181



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.



212.3830, -20.8948, 28.6051



213.7600, -26.0107, 36.1675



234.1020, -31.6023, 9.5575



117.1100, -3.5052, 4.2885



104.9220, -51.7265, 71.1054

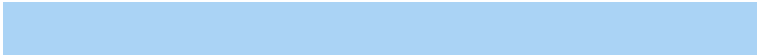


33.4900, -16.5106, 22.3723

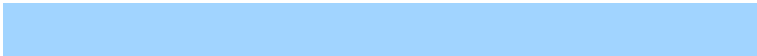


# Inverse Universe

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



202.6170, 20.8948, -28.6051



201.6530, 26.3001, -35.6527



180.8980, 31.6023, -9.5575



115.4770, 3.2158, -4.8033



81.0780, 51.7265, -71.1054

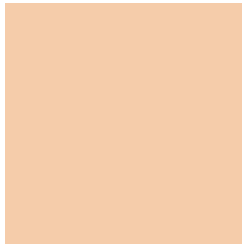


25.5100, 16.5106, -22.3723



# Previews

## White Background



This preview shows how the YUV color 212.3830, -20.8948, 28.6051 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

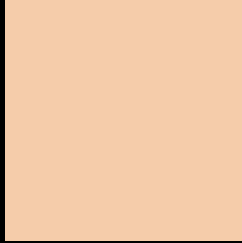
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 212.3830, -20.8948, 28.6051 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

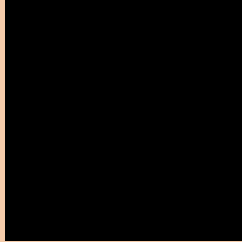
Any Text WCAG AA ✓ Pass

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 212.3830, -20.8948, 28.6051 Background



This preview shows how black text looks on a background with the YUV color 212.3830, -20.8948, 28.6051.



This preview shows how white text looks on a background with the YUV color 212.3830, -20.8948,



# 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

212.3830, -20.8948, 28.6051

### Protanopia

210.5550, -18.5146, 11.7913

### Deuteranopia

212.0950, -20.7528, 29.7347



## Tritanopia

215.2580, -1.1132, 30.4687

# Trichromacy



## Original Color

212.3830, -20.8948, 28.6051

## Protanomaly

211.0720, -19.2625, 18.3539

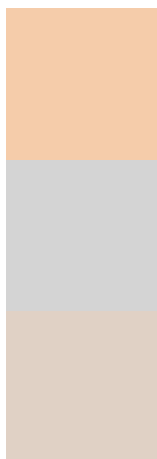
## Deuteranomaly

212.0950, -20.7528, 29.7347

## Tritanomaly

214.0100, -8.3859, 29.8092

# Monochromacy



## Original Color

212.3830, -20.8948, 28.6051

## Achromatopsia

212.0000, 0.0000, 0.0000

## Achromatomaly

212.1170, -7.4527, 10.4214

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 212.3830, -20.8948, 28.6051 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(245, 204, 170)` looks like.

```
.text, #text, p{  
    color:rgb(245, 204, 170)  
}
```

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(245, 204, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 204, 170) }
```

## Border

The CSS property to change the border of an element to YUV 212.3830, -20.8948, 28.6051 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(245, 204, 170) }
```



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

```
.border{ border-color:rgb(245, 204, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 204, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 204, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 204, 170);  
box-shadow:4px 4px 4px 4px rgb(245, 204,  
170) }
```

# Background

The CSS property to change the background color of an element to YUV 212.3830, -20.8948, 28.6051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 204, 170) }
```

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

```
.background{ background-color: rgb(245,  
204, 170) }
```

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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