

# Converting Colors

YUV(219.8520, -8.8010,  
22.9318)

Have a look what the booklet for  
YUV(219.8520, -8.8010, 22.9318)  
contains.

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# Color

**YUV(219.8520, -8.8010,  
22.9318)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6D2CA
RGB	246, 210, 202
RGB Percent	96%, 82%, 79%
CMY	0.0353, 0.1765, 0.2078
CMYK	0.00, 0.15, 0.18, 0.04
HSL	11°, 71%, 88%
HSV	11°, 18%, 96%
XYZ	71.7133, 69.9503, 65.5992
YIQ	219.8520, 24.0240, 5.1440

# Conversions

## Conversions Part 2

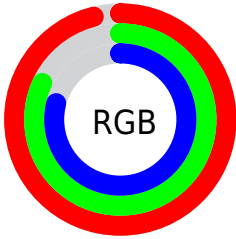
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 212, 202
Decimal	16175818
CIE Lab	86.97, 11.34, 8.62
CIE LCh	87, 14.245, 37.240
Yxy	69.9503, 0.3460, 0.3375
Android (android.graphics.Color)	4294365898 (0xFFFF6D2CA)
YUV	219.8520, -8.8010, 22.9318
Hunter-Lab	83.6363, 6.6900, 12.0420

# Details

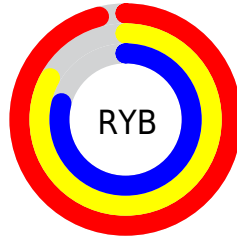
The YUV color  $219.8520, -8.8010, 22.9318$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $228.1480, 8.8010, -22.9318$ , and the grayscale version is  $220.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $164.3680, -8.0694, 21.6023$  is the 20% darker color. If you saturate the color by 10%, you get  $205.2620, -13.9332, 35.7272$ , and if you desaturate by 10%, it is  $234.4420, -3.6689, 10.1364$ .

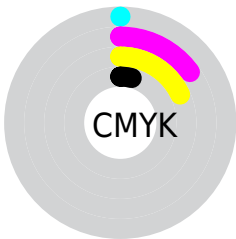
# Distribution



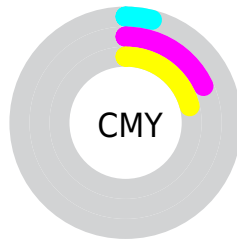
- Red (96%)
- Green (82%)
- Blue (79%)



- Red (96%)
- Yellow (83%)
- Blue (79%)



- Cyan (0%)
- Magenta (15%)
- Yellow (18%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 219.8520, -8.8010, 22.9318 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 219.8520, -8.8010, 22.9318 by changing the saturation by 10% instead.



219.8520, -8.8010,  
22.9318

219.8520, -8.8010,  
22.9318

255.0000, 0.0000,  
0.0000

191.6670, -8.2168,  
22.2170

164.3680, -8.0694,  
21.6023

138.0690, -7.9220,  
20.9875

112.4710, -7.6272,  
19.7579

88.2860, -7.0430,  
19.0432

64.6880, -6.7482,  
17.8136

42.2040, -6.0166,

16.4841

■ 21.0360, -7.9057,  
15.7544

■ 0.0000, 0.0000,  
0.0000

■ 219.8520, -8.8010,  
22.9318

■ 219.8520, -8.8010,  
22.9318

■ 205.2620,  
-13.9332, 35.7272

■ 234.4420, -3.6689,  
10.1364

■ 190.7860,  
-18.6285, 48.4227

■ 248.9180, 1.0264,  
-2.5591

■ 176.1960,  
-23.7606, 61.2181

■ 252.3090, 1.3267,  
-5.5330

■ 161.1330,  
-28.1666, 74.4284

■ 146.5430,  
-33.2987, 87.2238

■ 131.9530,  
-38.4308, 100.0192

■ 117.4770,  
-43.1262, 112.7147

■ 102.8870,  
-48.2583, 125.5101

■ 99.9690, -49.2847,  
128.0692

# Harmonies

## Analogous

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



220.7470, -2.8333, 22.1469



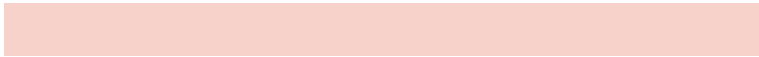
219.8520, -8.8010, 22.9318



218.1950, -12.4211, 17.3690

# Triad

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



219.8520, -8.8010, 22.9318



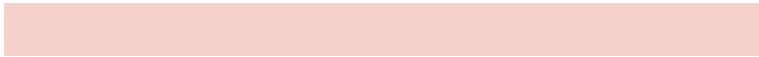
213.9780, -3.4402, -16.6437



217.9740, 12.8308, -8.7472

# Complementary

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



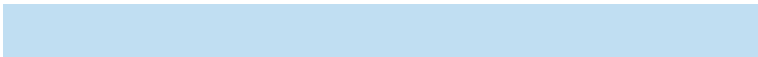
219.8520, -8.8010, 22.9318



228.1480, 8.8010, -22.9318

# 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.



215.3100, 13.1582, -20.4429



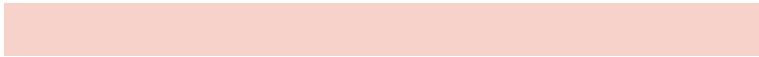
219.8520, -8.8010, 22.9318



213.4700, 3.7123, -24.0912

# Square

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



219.8520, -8.8010, 22.9318



215.4480, -9.5879, -4.7779



213.7670, 9.9749, -26.1057



219.5520, 9.5879, 4.7779



# Rectangle

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



219.8520, -8.8010, 22.9318



217.3360, -12.9836, 11.1063



213.7670, 9.9749, -26.1057



216.7670, 13.4259, -12.9507

# Sweetspot

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



219.8520, -8.8010, 22.9318



247.6480, -2.7845, 6.4477



219.3740, 9.6756, 23.3510



122.9790, -1.4686, 4.4034



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

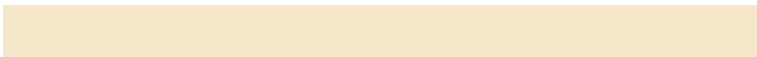
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.8520, -8.8010, 22.9318



223.0160, -10.8539, 28.0500



232.1790, -14.8782, 12.1210



114.7620, -2.3477, 6.3477



75.5720, -37.2570, 96.8454



24.0980, -11.8803, 30.6091

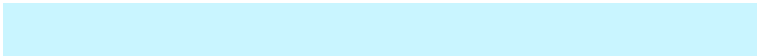


# Inverse Universe

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



228.1480, 8.8010, -22.9318



232.9840, 10.8539, -28.0500



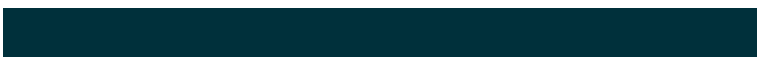
215.8210, 14.8782, -12.1210



117.2380, 2.3477, -6.3477



110.4280, 37.2570, -96.8454

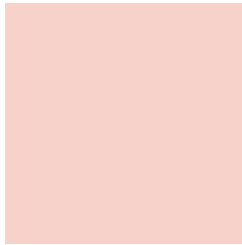


34.9020, 11.8803, -30.6091



# Previews

## White Background



This preview shows how the YUV color 219.8520, -8.8010, 22.9318 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

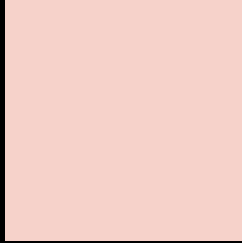
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.8520, -8.8010, 22.9318 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

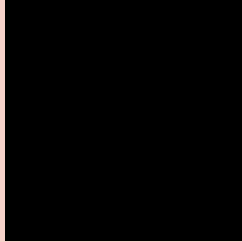
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 219.8520, -8.8010, 22.9318

## Background



This preview shows how black text looks on a background with the YUV color 219.8520, -8.8010, 22.9318.



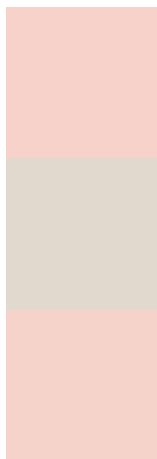
This preview shows how white text looks on a background with the YUV color 219.8520, -8.8010,



# 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

219.8520, -8.8010, 22.9318

### Protanopia

218.1380, -5.9840, 6.0180

### Deuteranopia

219.5530, -8.6536, 22.3170



## Tritanopia

221.3820, 0.7977, 24.2210

# Trichromacy



## Original Color

219.8520, -8.8010, 22.9318

## Protanomaly

218.6550, -6.7319, 12.5806

## Deuteranomaly

219.5530, -8.6536, 22.3170

## Tritanomaly

220.7580, -2.8387, 23.8912

# Monochromacy



## Original Color

219.8520, -8.8010, 22.9318

## Achromatopsia

220.0000, 0.0000, 0.0000

## Achromatomaly

219.5450, -3.2267, 8.2920

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.8520, -8.8010, 22.9318 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(246, 210, 202)` looks like.

```
.text, #text, p{  
    color:rgb(246, 210, 202)  
}
```

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(246, 210, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 210, 202) }
```

## Border

The CSS property to change the border of an element to YUV 219.8520, -8.8010, 22.9318 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(246, 210, 202) }
```



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

```
.border{ border-color:rgb(246, 210, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 210, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 210, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 210, 202);  
box-shadow:4px 4px 4px 4px rgb(246, 210,  
202) }
```

# Background

The CSS property to change the background color of an element to YUV 219.8520, -8.8010, 22.9318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 210, 202) }
```

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

```
.background{ background-color: rgb(246,  
210, 202) }
```

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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