

# Converting Colors

YUV(209.5880, 1.6821, 20.5323)

Have a look what the booklet for  
YUV(209.5880, 1.6821, 20.5323)  
contains.

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# Color

**YUV(209.5880, 1.6821,  
20.5323)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9C5D5
RGB	233, 197, 213
RGB Percent	91%, 77%, 84%
CMY	0.0863, 0.2275, 0.1647
CMYK	0.00, 0.15, 0.09, 0.09
HSL	333°, 45%, 84%
HSV	333°, 15%, 91%
XYZ	65.5808, 62.0602, 71.4731
YIQ	209.5880, 16.3200, 12.6080

# Conversions

## Conversions Part 2

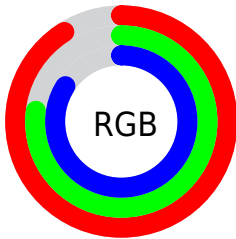
Format	Color
R <sub>Y</sub> B	233, 197, 213
Decimal	15320533
CIE Lab	82.95, 15.34, -3.22
CIE LCh	83, 15.670, 348.138
Yxy	62.0602, 0.3294, 0.3117
Android (android.graphics.Color)	4293510613 (0xFFE9C5D5)
YUV	209.5880, 1.6821, 20.5323
Hunter-Lab	78.7783, 10.7342, 1.3528

# Details

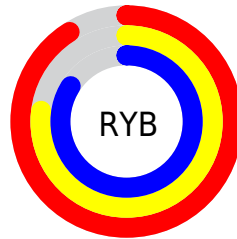
The YUV color  $209.5880, 1.6821, 20.5323$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $220.4120, -1.6821, -20.5323$ , and the grayscale version is  $210.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.4130, 0.2894, 0.5148$ , and  $154.8760, 1.5401, 19.4027$  is the 20% darker color. If you saturate the color by 10%, you get  $194.6050, 2.6597, 33.6724$ , and if you desaturate by 10%, it is  $224.5710, 0.7045, 7.3922$ .

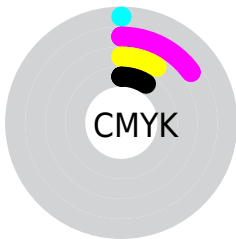
# Distribution



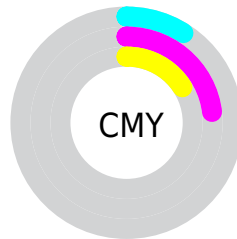
- Red (91%)
- Green (77%)
- Blue (84%)



- Red (91%)
- Yellow (77%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (23%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 209.5880, 1.6821, 20.5323 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 209.5880, 1.6821, 20.5323 by changing the saturation by 10% instead.



209.5880, 1.6821,  
20.5323

209.5880, 1.6821,  
20.5323

255.0000, 0.0000,  
0.0000

182.1750, 1.3927,  
20.0175

254.4130, 0.2894,  
0.5148

154.8760, 1.5401,  
19.4027

128.5770, 1.6875,  
18.7880

103.8650, 1.5456,  
17.6584

79.5660, 1.6930,  
17.0436

56.2670, 1.8404,  
16.4288

34.2560, 1.8458,

14.6845

■ 11.6200, 3.1453,  
17.8733

■ 0.0000, 0.0000,  
0.0000

■ 209.5880, 1.6821,  
20.5323

■ 209.5880, 1.6821,  
20.5323

■ 194.6050, 2.6597,  
33.6724

■ 224.5710, 0.7045,  
7.3922

■ 179.0350, 3.9267,  
47.3273

■ 240.1410, -0.5625,  
-6.2627

■ 164.0520, 4.9044,  
60.4674

■ 248.0800, 1.9326,  
-13.2252

■ 149.0690, 5.8820,  
73.6075

■ 248.4220, 3.2430,  
-13.5251

■ 134.0860, 6.8596,  
86.7476

■ 118.5160, 8.1266,  
100.4025

■ 103.5330, 9.1042,  
113.5426

■ 88.5500, 10.0819,  
126.6826

■ 81.5230, 11.0812,  
132.8453

# Harmonies

## Analogous

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



208.9440, 8.4086, 9.6961



209.5880, 1.6821, 20.5323



209.3730, -5.6069, 25.1059

# Triad

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



209.5880, 1.6821, 20.5323



204.9930, -12.8145, 3.5141



202.1520, 12.7431, -27.3203

# Complementary

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



209.5880, 1.6821, 20.5323



220.4120, -1.6821, -20.5323

# 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.



201.2460, 6.7807, -28.2797



209.5880, 1.6821, 20.5323



203.1700, -7.9718, -9.7961

# Square

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



209.5880, 1.6821, 20.5323



207.0160, -14.3049, 14.8950



201.9280, -0.9505, -21.8619



205.0760, 14.7525, -18.4837



# Rectangle

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



209.5880, 1.6821, 20.5323



208.6350, -9.6801, 24.8761



201.9280, -0.9505, -21.8619



201.6850, 11.0013, -28.6647

# Sweetspot

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



209.5880, 1.6821, 20.5323



246.5710, 0.7045, 7.3922



207.0840, 12.7766, 8.6963



122.7340, 0.1311, 4.6183



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.



209.5880, 1.6821, 20.5323



223.7460, 2.0972, 27.4098



208.9380, -5.8854, 21.1024



109.8590, 0.5625, 6.2627



63.2390, 8.2632, 103.2764



18.8820, 2.5232, 30.7985



# Inverse Universe

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



209.5880, 1.6821, 20.5323



223.7460, 2.0972, 27.4098



221.0620, 5.8854, -21.1024



109.8590, 0.5625, 6.2627



63.2390, 8.2632, 103.2764



18.8820, 2.5232, 30.7985



# Previews

## White Background



This preview shows how the YUV color 209.5880, 1.6821, 20.5323 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

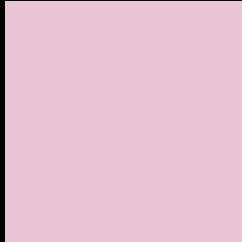
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 209.5880, 1.6821, 20.5323 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

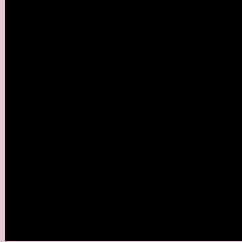
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 209.5880, 1.6821, 20.5323

## Background



This preview shows how black text looks on a background with the YUV color 209.5880, 1.6821, 20.5323.



This preview shows how white text looks on a background with the YUV color 209.5880, 1.6821,



# 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

209.5880, 1.6821, 20.5323

### Protanopia

207.6670, 5.0942, -0.5850

### Deuteranopia

208.5440, 1.7038, 13.5549



## Tritanopia

209.4740, 1.2453, 20.6323

# Trichromacy



## Original Color

209.5880, 1.6821, 20.5323

## Protanomaly

208.3690, 3.7621, 6.6924

## Deuteranomaly

208.8540, 1.5510, 15.9140

## Tritanomaly

209.4740, 1.2453, 20.6323

# Monochromacy



## Original Color

209.5880, 1.6821, 20.5323

## Achromatopsia

210.0000, 0.0000, 0.0000

## Achromatomaly

209.5710, 0.7045, 7.3922

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 209.5880, 1.6821, 20.5323 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(233, 197, 213)` looks like.

```
.text, #text, p{  
    color:rgb(233, 197, 213)  
}
```

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(233, 197, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 197, 213) }
```

## Border

The CSS property to change the border of an element to YUV 209.5880, 1.6821, 20.5323 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(233, 197, 213) }
```



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

```
.border{ border-color:rgb(233, 197, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 197, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 197, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 197, 213);  
box-shadow:4px 4px 4px 4px rgb(233, 197,  
213) }
```

# Background

The CSS property to change the background color of an element to YUV 209.5880, 1.6821, 20.5323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 197, 213) }
```

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

```
.background{ background-color: rgb(233,  
197, 213) }
```

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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