

# Converting Colors

YUV(209.6660, -3.2863,  
27.4799)

Have a look what the booklet for  
YUV(209.6660, -3.2863, 27.4799)  
contains.

<b>YUV(209.6660, -3.2863, 27.4799)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(209.6660, -3.2863,  
27.4799)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F1C3CB
RGB	241, 195, 203
RGB Percent	95%, 76%, 80%
CMY	0.0549, 0.2353, 0.2039
CMYK	0.00, 0.19, 0.16, 0.05
HSL	350°, 62%, 85%
HSV	350°, 19%, 95%
XYZ	66.5702, 62.0428, 64.9667
YIQ	209.6660, 24.8480, 12.2400

# Conversions

## Conversions Part 2

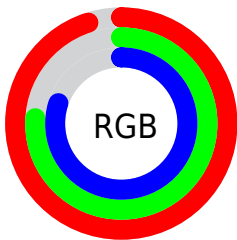
Format	Color
<a href="#">RYB</a>	<a href="#">241, 195, 203</a>
Decimal	<a href="#">15844299</a>
CIELab	<a href="#">82.94, 17.59, 2.21</a>
CIElCh	<a href="#">83, 17.724, 7.150</a>
Yxy	<a href="#">62.0428, 0.3439, 0.3205</a>
Android (android.graphics.Color)	<a href="#">4294034379</a> ( <a href="#">0xFFFF1C3CB</a> )
YUV	<a href="#">209.6660, -3.2863, 27.4799</a>
Hunter-Lab	<a href="#">78.7672, 13.0168, 6.2350</a>

# Details

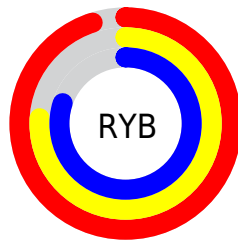
The YUV color  $209.6660, -3.2863, 27.4799$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $226.3340, 3.2863, -27.4799$ , and the grayscale version is  $210.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.2390, 0.8682, 1.5444$ , and  $154.7690, -2.8441, 25.6356$  is the 20% darker color. If you saturate the color by 10%, you get  $193.2980, -5.0769, 41.8347$ , and if you desaturate by 10%, it is  $226.0340, -1.4958, 13.1252$ .

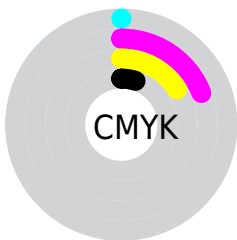
# Distribution



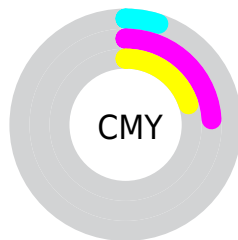
- Red (95%)
- Green (76%)
- Blue (80%)



- Red (95%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (19%)
- Yellow (16%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 209.6660, -3.2863, 27.4799 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 209.6660, -3.2863, 27.4799 by changing the saturation by 10% instead.




 209.6660, -3.2863,  
27.4799


 209.6660, -3.2863,  
27.4799

255.0000, 0.0000,  
0.0000


 182.0680, -2.9915,  
26.2504


 253.2390, 0.8682,  
1.5444

 154.7690, -2.8441,  
25.6356

 128.4700, -2.6967,  
25.0208

 103.7580, -2.8387,  
23.8912

 79.2740, -2.1071,  
22.5617

 55.6760, -1.8123,  
21.3321

 33.7790, -1.3700,

19.4878

■ 11.4480, -2.6859,  
21.5321

■ 0.0000, 0.0000,  
0.0000

■ 209.6660, -3.2863,  
27.4799

■ 209.6660, -3.2863,  
27.4799

■ 193.2980, -5.0769,  
41.8347

■ 226.0340, -1.4958,  
13.1252

■ 176.9300, -6.8675,  
56.1894

■ 242.4020, 0.2948,  
-1.2296

■ 160.5620, -8.6581,  
70.5441

■ 250.8140, 2.0637,  
-8.6069

■ 144.1940,  
-10.4486, 84.8989

■ 127.2390,  
-11.9498, 99.7684

■ 110.9850,  
-13.3036, 114.0232

■ 94.6170, -15.0942,  
128.3779

■ 78.2490, -16.8848,  
142.7326

■ 76.8470, -17.1796,  
143.9622

# Harmonies

## Analogous

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



210.0870, 4.8871, 19.2177



209.6660, -3.2863, 27.4799



209.0160, -10.8539, 28.0500

# Triad

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



209.6660, -3.2863, 27.4799



203.8670, -11.7664, -6.0224



203.4880, 16.5214, -25.8610

# Complementary

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



209.6660, -3.2863, 27.4799



226.3340, 3.2863, -27.4799

# 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.



201.0050, 12.3225, -32.4534



209.6660, -3.2863, 27.4799



201.7280, -4.3029, -19.9325

# Square

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



209.6660, -3.2863, 27.4799



205.9290, -15.7410, 8.8323



200.3660, 4.7496, -30.1390



206.4620, 16.0412, -11.8062



# Rectangle

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



209.6660, -3.2863, 27.4799



207.4840, -14.0426, 24.1315



200.3660, 4.7496, -30.1390



202.2380, 15.6587, -29.1497

# Sweetspot

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



209.6660, -3.2863, 27.4799



244.7130, -1.3375, 9.0217



211.6060, 14.4912, 18.7625



121.8050, -0.8899, 5.4330



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.



209.6660, -3.2863, 27.4799



214.8950, -3.8922, 35.1721



217.5590, -11.1216, 20.5578



111.8160, -0.8953, 7.1774



58.6640, -13.1454, 109.9197



17.8840, -3.8868, 33.4277



# Inverse Universe

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



209.6660, -3.2863, 27.4799



214.8950, -3.8922, 35.1721



218.4410, 11.1216, -20.5578



111.8160, -0.8953, 7.1774



58.6640, -13.1454, 109.9197



17.8840, -3.8868, 33.4277



# Previews

## White Background



This preview shows how the YUV color 209.6660, -3.2863, 27.4799 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

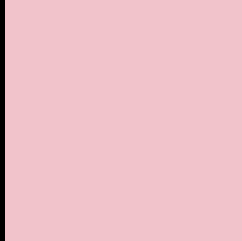
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 209.6660, -3.2863, 27.4799 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

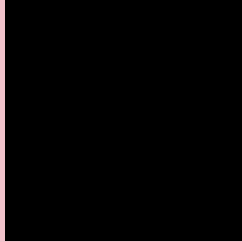
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 209.6660, -3.2863, 27.4799

## Background



This preview shows how black text looks on a background with the YUV color 209.6660, -3.2863, 27.4799.



This preview shows how white text looks on a background with the YUV color 209.6660, -3.2863,



# 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

209.6660, -3.2863, 27.4799

### Protanopia

207.5380, 0.7208, 2.1592

### Deuteranopia

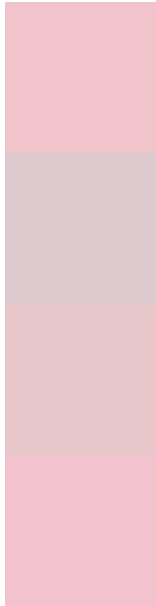
208.6000, -3.2538, 17.0138



## Tritanopia

210.0620, -0.5236, 28.0096

# Trichromacy



## Original Color

209.6660, -3.2863, 27.4799

## Protanomaly

208.2510, -0.6167, 11.1809

## Deuteranomaly

208.9210, -3.4121, 21.1173

## Tritanomaly

209.8340, -1.3972, 28.2096

# Monochromacy



## Original Color

209.6660, -3.2863, 27.4799

## Achromatopsia

210.0000, 0.0000, 0.0000

## Achromatomaly

210.0120, -1.4849, 9.6365

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 209.6660, -3.2863, 27.4799 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(241, 195, 203)` looks like.

```
.text, #text, p{  
    color:rgb(241, 195, 203)  
}
```

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(241, 195, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 195, 203) }
```

## Border

The CSS property to change the border of an element to YUV 209.6660, -3.2863, 27.4799 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(241, 195, 203) }
```



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

```
.border{ border-color:rgb(241, 195, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 195, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 195, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 195, 203);  
box-shadow:4px 4px 4px 4px rgb(241, 195,  
203) }
```

# Background

The CSS property to change the background color of an element to YUV 209.6660, -3.2863, 27.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 195, 203) }
```

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

```
.background{ background-color: rgb(241,  
195, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor