

# Converting Colors

YUV(203.8900, -2.9038,  
44.8235)

Have a look what the booklet for  
YUV(203.8900, -2.9038, 44.8235)  
contains.

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# Color

**YUV(203.8900, -2.9038,  
44.8235)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB3C6
RGB	255, 179, 198
RGB Percent	100%, 70%, 78%
CMY	0.0000, 0.2980, 0.2235
CMYK	0.00, 0.30, 0.22, 0.00
HSL	345°, 100%, 85%
HSV	345°, 30%, 100%
XYZ	67.5531, 57.5774, 60.9792
YIQ	203.8900, 39.1970, 22.0210

# Conversions

## Conversions Part 2

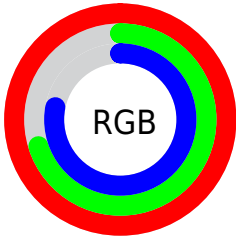
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 179, 198
Decimal	16757702
CIE <sub>Lab</sub>	80.50, 30.25, 1.53
CIE <sub>LCh</sub>	81, 30.286, 2.894
Yxy	57.5774, 0.3630, 0.3094
Android (android.graphics.Color)	4294947782 (0xFFFFB3C6)
YUV	203.8900, -2.9038, 44.8235
Hunter-Lab	75.8798, 26.1227, 5.4687

# Details

The YUV color  $203.8900, -2.9038, 44.8235$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $230.1100, 2.9038, -44.8235$ , and the grayscale version is  $204.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $243.2600, 5.7878, 10.2960$ , and  $149.2810, -2.6035, 41.8496$  is the 20% darker color. If you saturate the color by 10%, you get  $186.4620, -3.6788, 60.1078$ , and if you desaturate by 10%, it is  $220.7310, -1.8394, 30.0539$ .

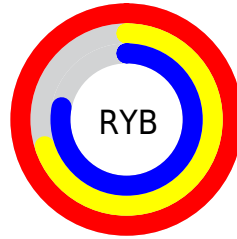
# Distribution



Red (100%)

Green (70%)

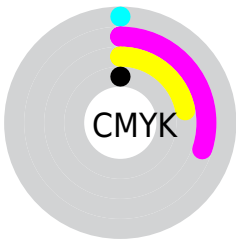
Blue (78%)



Red (100%)

Yellow (70%)

Blue (78%)

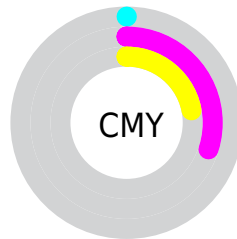


Cyan (0%)

Magenta (30%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 203.8900, -2.9038, 44.8235 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 203.8900, -2.9038, 44.8235 by changing the saturation by 10% instead.




 203.8900, -2.9038,  
44.8235

 203.8900, -2.9038,  
44.8235


255.0000, 0.0000,  
0.0000


 176.2920, -2.6090,  
43.5939


 243.2600, 5.7878,  
10.2960

 149.2810, -2.6035,  
41.8496

 122.7970, -1.8719,  
40.5200

 96.9000, -1.4297,  
38.6757

 72.3020, -1.1349,  
37.4461

 47.9320, 0.0335,  
36.0166

 23.0890, 1.9281,

35.0019

■ 13.2700, -6.0491,  
26.9502

■ 0.0000, 0.0000,  
0.0000

■ 203.8900, -2.9038,  
44.8235

■ 203.8900, -2.9038,  
44.8235

■ 186.4620, -3.6788,  
60.1078

■ 220.7310, -1.8394,  
30.0539

■ 169.6210, -4.7432,  
74.8774

■ 238.1590, -1.0644,  
14.7696

■ 152.1930, -5.5181,  
90.1617

255.0000, 0.0000,  
0.0000

■ 135.3520, -6.5825,  
104.9313

■ 117.8100, -7.7943,  
120.3156

■ 100.9690, -8.8587,  
135.0852

■ 83.5410, -9.6337,  
150.3695

# Harmonies

## Analogous

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



204.3470, 10.6749, 29.5137



203.8900, -2.9038, 44.8235



202.4590, -16.0023, 46.0785

# Triad

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



203.8900, -2.9038, 44.8235



194.7500, -21.0757, -6.7967



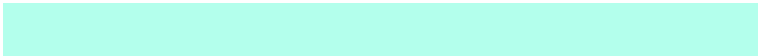
190.8250, 28.6803, -52.4665

# Complementary

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



203.8900, -2.9038, 44.8235



230.1100, 2.9038, -44.8235

# 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.



185.8100, 21.2927, -62.9774



203.8900, -2.9038, 44.8235



190.7990, -8.7749, -32.2727

# Square

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



203.8900, -2.9038, 44.8235



198.2970, -27.2614, 17.2795



187.4940, 7.1515, -53.9302



197.2890, 28.4515, -25.6865



# Rectangle

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



203.8900, -2.9038, 44.8235



201.1180, -22.2432, 41.1155



187.4940, 7.1515, -53.9302



188.7380, 27.2442, -58.5292

# Sweetspot

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



203.8900, -2.9038, 44.8235



239.5610, -0.7696, 13.5400



204.7070, 24.7944, 27.4440



117.9410, -0.4639, 8.8217



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.



203.8900, -2.9038, 44.8235



193.1300, -3.5151, 54.2600



212.8770, -16.7014, 36.9419



119.2290, -0.6059, 7.6922



62.5810, -7.1884, 112.6235



20.9600, -2.4453, 37.7461



# Inverse Universe

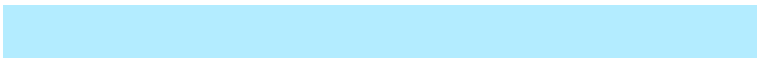
The Inverse Universe completely reimagines the original color for something new.



203.8900, -2.9038, 44.8235



193.1300, -3.5151, 54.2600



221.1230, 16.7014, -36.9419



119.2290, -0.6059, 7.6922



62.5810, -7.1884, 112.6235



20.9600, -2.4453, 37.7461



# Previews

## White Background



This preview shows how the YUV color 203.8900, -2.9038, 44.8235 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

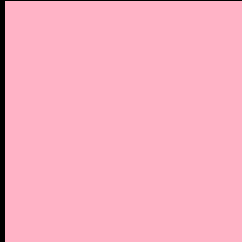
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 203.8900, -2.9038, 44.8235 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

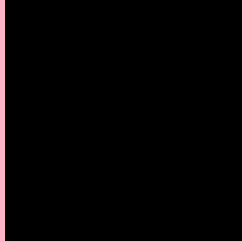
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 203.8900, -2.9038, 44.8235

## Background



This preview shows how black text looks on a background with the YUV color 203.8900, -2.9038, 44.8235.



This preview shows how white text looks on a background with the YUV color 203.8900, -2.9038,

44.8235.

# 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

203.8900, -2.9038, 44.8235

### Protanopia

200.8520, 4.5100, 0.1298

### Deuteranopia

202.1870, -3.5432, 16.4990



## Tritanopia

203.9070, -5.3772, 44.8086

# Trichromacy



## Original Color

203.8900, -2.9038, 44.8235



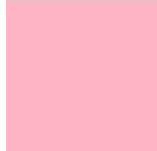
## Protanomaly

202.2670, 1.8404, 16.4288



## Deuteranomaly

202.9540, -3.4283, 26.3503



## Tritanomaly

204.1350, -4.5036, 44.6086

# Monochromacy



## Original Color

203.8900, -2.9038, 44.8235



## Achromatopsia

204.0000, 0.0000, 0.0000



## Achromatomaly

204.1700, -1.0698, 16.5139

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 203.8900, -2.9038, 44.8235 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, 179, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 198)  
}
```

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, 179, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 198) }
```

## Border

The CSS property to change the border of an element to YUV 203.8900, -2.9038, 44.8235 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, 179, 198) }
```



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

```
.border{ border-color:rgb(255, 179, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
198) }
```

# Background

The CSS property to change the background color of an element to YUV 203.8900, -2.9038, 44.8235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 198) }
```

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

```
.background{ background-color: rgb(255,  
179, 198) }
```

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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