

# Converting Colors

YUV(176.9240, 5.4605, 21.9917)

Have a look what the booklet for  
YUV(176.9240, 5.4605, 21.9917)  
contains.

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# Color

**YUV(176.9240, 5.4605,  
21.9917)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CAA2BC
RGB	202, 162, 188
RGB Percent	79%, 64%, 74%
CMY	0.2078, 0.3647, 0.2627
CMYK	0.00, 0.20, 0.07, 0.21
HSL	321°, 27%, 71%
HSV	321°, 20%, 79%
XYZ	46.3546, 42.0281, 53.2460
YIQ	176.9240, 15.4940, 16.5660

# Conversions

## Conversions Part 2

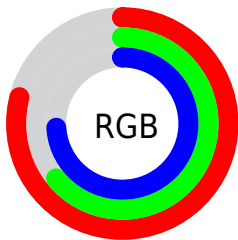
Format	Color
R <sub>Y</sub> B	202, 162, 188
Decimal	13279932
CIE Lab	70.89, 19.04, -7.76
CIE LCh	71, 20.562, 337.832
Yxy	42.0281, 0.3273, 0.2967
Android (android.graphics.Color)	4291470012 (0xFFCAA2BC)
YUV	176.9240, 5.4605, 21.9917
Hunter-Lab	64.8291, 14.1816, -3.3163

# Details

The YUV color **176.9240, 5.4605, 21.9917** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **187.0760, -5.4605, -21.9917**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.4400, 6.1921, 20.6621**, and **124.2120, 5.3185, 20.8621** is the 20% darker color. If you saturate the color by 10%, you get **164.3860, 8.1907, 32.9875**, and if you desaturate by 10%, it is **189.4620, 2.7302, 10.9958**.

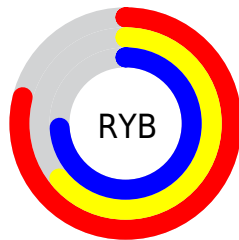
# Distribution



Red (79%)

Green (64%)

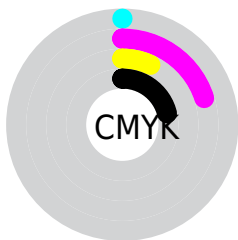
Blue (74%)



Red (79%)

Yellow (64%)

Blue (74%)

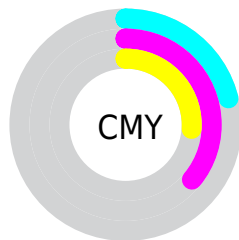


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (21%)



Cyan (21%)

Magenta (36%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 176.9240, 5.4605, 21.9917 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 176.9240, 5.4605, 21.9917 by changing the saturation by 10% instead.




 176.9240, 5.4605,  
21.9917


 176.9240, 5.4605,  
21.9917

255.0000, 0.0000,  
0.0000

 150.2120, 5.3185,  
20.8621

 231.4400, 6.1921,  
20.6621

 124.2120, 5.3185,  
20.8621

 249.7170, 2.6045,  
4.6332

 99.3860, 4.7397,  
19.8325

 74.7880, 5.0345,  
18.6029

 52.0760, 4.8925,  
17.4733

 29.7770, 5.0399,  
16.8586

 11.5490, 4.1663,

17.0585

■ 0.0000, 0.0000,  
0.0000

■ 176.9240, 5.4605,  
21.9917

■ 176.9240, 5.4605,  
21.9917

■ 164.3860, 8.1907,  
32.9875

■ 189.4620, 2.7302,  
10.9958

■ 151.8480, 10.9209,  
43.9833

■ 202.0000, 0.0000,  
0.0000

■ 138.7230, 13.9406,  
55.4939

■ 215.1250, -3.0196,  
-11.5106

■ 126.1850, 16.6708,  
66.4898

■ 227.6630, -5.7499,  
-22.5065

■ 113.6470, 19.4010,  
77.4856

■ 235.5050, -6.1650,  
-29.3839

■ 101.1090, 22.1313,  
88.4814

■ 236.3030, -3.1074,  
-30.0837

■ 88.5710, 24.8615,  
99.4772

■ 237.1010, -0.0498,  
-30.7836

■ 75.3320, 27.4443,  
111.0878

■ 238.0130, 3.4446,  
-31.5834

■ 238.8110, 6.5022,  
-32.2832

# Harmonies

## Analogous

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



175.8880, 13.3662, 6.2372



176.9240, 5.4605, 21.9917



176.5740, -3.7340, 31.0686

# Triad

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



176.9240, 5.4605, 21.9917



172.3590, -17.9250, 9.3322



166.5420, 14.5228, -38.1863

# Complementary

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



176.9240, 5.4605, 21.9917



187.0760, -5.4605, -21.9917

# 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.



165.9740, 5.9288, -35.0572



176.9240, 5.4605, 21.9917



169.9270, -12.7820, -6.9520

# Square

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



176.9240, 5.4605, 21.9917



174.2620, -17.3842, 22.5722



167.7060, -4.2921, -23.4212



169.1500, 19.1531, -29.9495



# Rectangle

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



176.9240, 5.4605, 21.9917



175.7930, -9.2649, 31.7535



167.7060, -4.2921, -23.4212



166.1460, 11.7600, -38.7160

# Sweetspot

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



176.9240, 5.4605, 21.9917



245.6250, 2.1569, 8.2219



170.7460, 15.4082, 4.6078



122.2610, 0.8573, 5.0331



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.



176.9240, 5.4605, 21.9917



216.7990, 8.4801, 33.5023



174.7580, -2.8387, 23.8912



95.6740, 1.1467, 5.5479



61.9460, 22.7046, 91.2554



14.2120, 5.3185, 20.8621



# Inverse Universe

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



176.9240, 5.4605, 21.9917



216.7990, 8.4801, 33.5023



189.3560, 3.2755, -23.9912



95.6740, 1.1467, 5.5479



61.9460, 22.7046, 91.2554

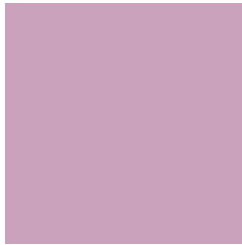


14.2120, 5.3185, 20.8621



# Previews

## White Background



This preview shows how the YUV color 176.9240, 5.4605, 21.9917 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

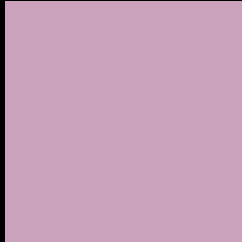
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 176.9240, 5.4605, 21.9917 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

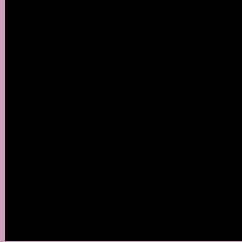
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 176.9240, 5.4605, 21.9917

## Background



This preview shows how black text looks on a background with the YUV color 176.9240, 5.4605, 21.9917.



This preview shows how white text looks on a background with the YUV color 176.9240, 5.4605,



# 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

176.9240, 5.4605, 21.9917

### Protanopia

174.3230, 10.1938, -2.9143

### Deuteranopia

175.8360, 5.5039, 8.0368



## Tritanopia

176.2460, 0.3717, 20.8323

# Trichromacy



## Original Color

176.9240, 5.4605, 21.9917

## Protanomaly

174.9220, 8.4195, 6.2074

## Deuteranomaly

175.8690, 5.4876, 13.2699

## Tritanomaly

176.4140, 2.2609, 21.5619

# Monochromacy



## Original Color

176.9240, 5.4605, 21.9917

## Achromatopsia

177.0000, 0.0000, 0.0000

## Achromatomaly

177.2120, 1.8675, 7.7071

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 176.9240, 5.4605, 21.9917 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(202, 162, 188)` looks like.

```
.text, #text, p{  
    color:rgb(202, 162, 188)  
}
```

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(202, 162, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 162, 188) }
```

## Border

The CSS property to change the border of an element to YUV 176.9240, 5.4605, 21.9917 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(202, 162, 188) }
```



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

```
.border{ border-color:rgb(202, 162, 188) }
```

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

Here you see how a box with a 4 pixel rgb(202, 162, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 162, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 162, 188);  
box-shadow:4px 4px 4px 4px rgb(202, 162,  
188) }
```

# Background

The CSS property to change the background color of an element to YUV 176.9240, 5.4605, 21.9917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 162, 188) }
```

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

```
.background{ background-color: rgb(202,  
162, 188) }
```

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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