

# Converting Colors

YUV(189.4720, 4.2043, 4.8481)

Have a look what the booklet for  
YUV(189.4720, 4.2043, 4.8481)  
contains.

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# Color

**YUV(189.4720, 4.2043,  
4.8481)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3B9C6
RGB	195, 185, 198
RGB Percent	76%, 73%, 78%
CMY	0.2353, 0.2745, 0.2235
CMYK	0.02, 0.07, 0.00, 0.22
HSL	286°, 10%, 75%
HSV	286°, 7%, 78%
XYZ	50.0477, 50.3772, 60.5121
YIQ	189.4720, 1.7870, 6.1630

# Conversions

## Conversions Part 2

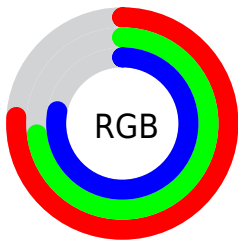
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	195, 185, 198
Decimal	12827078
CIE Lab	76.30, 5.91, -5.30
CIE LCh	76, 7.935, 318.139
Yxy	50.3772, 0.3110, 0.3130
Android (android.graphics.Color)	4291017158 (0xFFC3B9C6)
YUV	189.4720, 4.2043, 4.8481
Hunter-Lab	70.9769, 1.6554, -0.8644

# Details

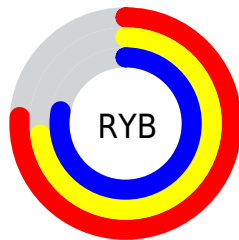
The YUV color `189.4720, 4.2043, 4.8481` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `193.5280, -4.2043, -4.8481`, and the grayscale version is `189.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `245.8850, 4.4937, 5.3629`, and `136.0590, 3.9149, 4.3333` is the 20% darker color. If you saturate the color by 10%, you get `176.2370, 10.7292, 12.0702`, and if you desaturate by 10%, it is `202.7070, -2.3206, -2.3740`.

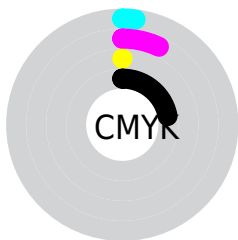
# Distribution



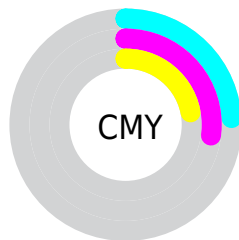
- Red (76%)
- Green (73%)
- Blue (78%)



- Red (76%)
- Yellow (73%)
- Blue (78%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (27%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 189.4720, 4.2043, 4.8481 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 189.4720, 4.2043, 4.8481 by changing the saturation by 10% instead.



■ 189.4720, 4.2043,  
4.8481

■ 189.4720, 4.2043,  
4.8481

255.0000, 0.0000,  
0.0000

■ 162.4720, 4.2043,  
4.8481

■ 245.8850, 4.4937,  
5.3629

■ 136.0590, 3.9149,  
4.3333

■ 111.0590, 3.9149,  
4.3333

■ 86.6460, 3.6255,  
3.8185

■ 63.5320, 3.1887,  
3.9184

■ 41.2330, 3.3361,  
3.3037

■ 20.5320, 3.1887,

3.9184

0.0000, 0.0000,  
0.0000

189.4720, 4.2043,  
4.8481

189.4720, 4.2043,  
4.8481

176.2370, 10.7292,  
12.0702

202.7070, -2.3206,  
-2.3740

163.3010, 17.1066,  
19.9070

215.6430, -8.6980,  
-10.2109

150.6530, 23.3421,  
26.6143

228.2910,  
-14.9335, -16.9182

137.7170, 29.7195,  
34.4512

235.9440,  
-18.7064, -20.1219

124.4820, 36.2444,  
41.6733

237.4390,  
-19.4434, -17.0480

■ 111.5460, 42.6218,  
49.5102

■ 238.6350,  
-20.0331, -14.5889

■ 98.3110, 49.1467,  
56.7323

■ 240.1300,  
-20.7701, -11.5150

■ 85.6630, 55.3821,  
63.4395

■ 241.6250,  
-21.5071, -8.4411

■ 72.7270, 61.7596,  
71.2764

■ 242.8210,  
-22.0968, -5.9820

# Harmonies

## Analogous

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



188.4110, 6.6994, -2.1144



189.4720, 4.2043, 4.8481



190.1800, 0.4043, 10.3661

# Triad

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



189.4720, 4.2043, 4.8481



188.5080, -7.1524, 7.4475



186.0090, 2.9536, -14.0399

# Complementary

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



189.4720, 4.2043, 4.8481



193.5280, -4.2043, -4.8481

# 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.



185.8200, -0.4043, -10.3661



189.4720, 4.2043, 4.8481



187.5890, -6.6994, 2.1144

# Square

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



189.4720, 4.2043, 4.8481



189.5840, -5.7109, 11.7658



186.5280, -4.2043, -4.8481



186.8180, 6.0057, -12.9954



# Rectangle

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



189.4720, 4.2043, 4.8481



189.6210, -1.7852, 12.6104



186.5280, -4.2043, -4.8481



186.0800, 1.9326, -13.2252

# Sweetspot

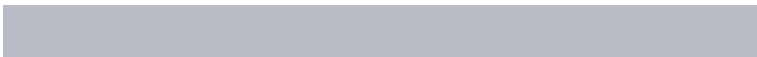
The Sweet Spot groups the original color and five complimentary colors.



189.4720, 4.2043, 4.8481



251.7660, 1.5944, 1.9592



188.2430, 4.8102, -2.8441



125.9400, 1.0156, 0.9296



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.



189.4720, 4.2043, 4.8481



241.7650, 6.5249, 7.2221



190.0270, 2.4517, 6.9923



93.1190, 2.8993, 3.4036



56.2560, 52.6248, 61.1655



12.1770, 11.7447, 12.9998



# Inverse Universe

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



189.2290, -0.6059, 7.6922



241.4360, -1.2009, 11.8956



192.9730, -2.4517, -6.9923



92.9190, -0.4531, 5.3330



53.0690, -7.4290, 96.4095



11.6760, -1.8123, 21.3321



# Previews

## White Background



This preview shows how the YUV color 189.4720, 4.2043, 4.8481 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 189.4720, 4.2043, 4.8481 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 189.4720, 4.2043, 4.8481

## Background



This preview shows how black text looks on a background with the YUV color 189.4720, 4.2043, 4.8481.



This preview shows how white text looks on a background with the YUV color 189.4720, 4.2043,

4.8481.

# 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

189.4720, 4.2043, 4.8481

### Protanopia

188.6670, 5.0942, -0.5850

### Deuteranopia

190.3910, 3.7512, 10.1811



## Tritanopia

189.5860, 4.6411, 4.7481

# Trichromacy



## Original Color

189.4720, 4.2043, 4.8481

## Protanomaly

188.9770, 4.9413, 1.7742

## Deuteranomaly

190.0810, 3.9041, 7.8220

## Tritanomaly

189.5860, 4.6411, 4.7481

# Monochromacy



## Original Color

189.4720, 4.2043, 4.8481

## Achromatopsia

189.0000, 0.0000, 0.0000

## Achromatomaly

189.3530, 1.3050, 1.4444

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 189.4720, 4.2043, 4.8481 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(195, 185, 198)` looks like.

```
.text, #text, p{  
    color:rgb(195, 185, 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(195, 185, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 185, 198) }
```

## Border

The CSS property to change the border of an element to YUV 189.4720, 4.2043, 4.8481 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(195, 185, 198) }
```



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

```
.border{ border-color:rgb(195, 185, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 185, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 185, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 185, 198);  
box-shadow:4px 4px 4px 4px rgb(195, 185,  
198) }
```

# Background

The CSS property to change the background color of an element to YUV 189.4720, 4.2043, 4.8481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 185, 198) }
```

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

```
.background{ background-color: rgb(195,  
185, 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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