

# Converting Colors

YUV(192.1690, 0.4097, 8.6218)

Have a look what the booklet for  
YUV(192.1690, 0.4097, 8.6218)  
contains.

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# Color

**YUV(192.1690, 0.4097,  
8.6218)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CABBC1
RGB	202, 187, 193
RGB Percent	79%, 73%, 76%
CMY	0.2078, 0.2667, 0.2431
CMYK	0.00, 0.07, 0.04, 0.21
HSL	336°, 12%, 76%
HSV	336°, 7%, 79%
XYZ	51.7531, 51.9475, 57.7513
YIQ	192.1690, 7.0140, 5.0460

# Conversions

## Conversions Part 2

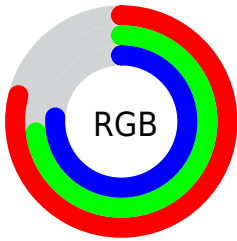
Format	Color
R <sub>Y</sub> B	202, 187, 193
Decimal	13286337
CIE Lab	77.25, 6.35, -1.12
CIE LCh	77, 6.451, 350.011
Yxy	51.9475, 0.3205, 0.3218
Android (android.graphics.Color)	4291476417 (0xFFCABBC1)
YUV	192.1690, 0.4097, 8.6218
Hunter-Lab	72.0746, 2.0412, 2.9449

# Details

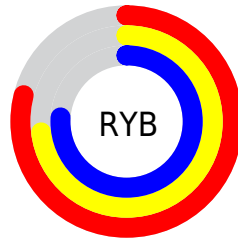
The YUV color  $192.1690, 0.4097, 8.6218$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $196.8310, -0.4097, -8.6218$ , and the grayscale version is  $192.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.2720, 0.8519, 6.7775$ , and  $138.8700, 0.5571, 8.0070$  is the 20% darker color. If you saturate the color by 10%, you get  $179.0610, 0.9559, 20.1175$ , and if you desaturate by 10%, it is  $205.2770, -0.1366, -2.8739$ .

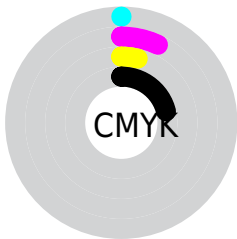
# Distribution



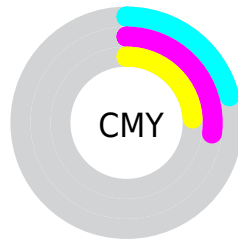
- Red (79%)
- Green (73%)
- Blue (76%)



- Red (79%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (21%)




- Cyan (21%)
- Magenta (27%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 192.1690, 0.4097, 8.6218 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 192.1690, 0.4097, 8.6218 by changing the saturation by 10% instead.




 192.1690, 0.4097,  
8.6218

 192.1690, 0.4097,  
8.6218


255.0000, 0.0000,  
0.0000


 165.1690, 0.4097,  
8.6218


 247.2720, 0.8519,  
6.7775

 138.8700, 0.5571,  
8.0070

 113.4570, 0.2677,  
7.4922

 88.5710, 0.7045,  
7.3922

 65.1580, 0.4151,  
6.8774

 43.1580, 0.4151,  
6.8774

 22.8590, 0.5625,

6.2627

■ 0.0000, 0.0000,  
0.0000

■ 192.1690, 0.4097,  
8.6218

■ 192.1690, 0.4097,  
8.6218

■ 179.0610, 0.9559,  
20.1175

■ 205.2770, -0.1366,  
-2.8739

■ 165.9530, 1.5022,  
31.6132

■ 218.3850, -0.6828,  
-14.3696

■ 152.2580, 2.3378,  
43.6237

■ 232.0800, -1.5184,  
-26.3802

■ 139.1500, 2.8841,  
55.1195

■ 237.5570, 1.6974,  
-31.1835

■ 125.9280, 2.9935,  
66.7151

■ 239.0390, 7.3758,  
-32.4832

■ 112.8200, 3.5397,  
78.2109

■ 239.1530, 7.8126,  
-32.5832

■ 99.7120, 4.0860,  
89.7066

■ 86.0170, 4.9216,  
101.7171

■ 72.9090, 5.4679,  
113.2128

# Harmonies

## Analogous

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



191.8310, 3.0413, 4.5332



192.1690, 0.4097, 8.6218



192.0830, -2.5059, 10.4512

# Triad

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



192.1690, 0.4097, 8.6218



190.3330, -5.0942, 0.5850



189.9000, 4.9793, -10.4363

# Complementary

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



192.1690, 0.4097, 8.6218



196.8310, -0.4097, -8.6218

# 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.



188.7320, 3.0901, -11.1660



192.1690, 0.4097, 8.6218



189.4680, -3.1887, -3.9184

# Square

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



192.1690, 0.4097, 8.6218



191.1380, -5.9840, 6.0180



188.8310, -0.4097, -8.6218



190.4490, 5.6946, -6.5328



# Rectangle

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



192.1690, 0.4097, 8.6218



191.3280, -4.1057, 10.2363



188.8310, -0.4097, -8.6218



189.3730, 4.2531, -10.8511

# Sweetspot

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



192.1690, 0.4097, 8.6218



251.7230, 0.1366, 2.8739



191.4010, 5.2253, 4.0333



126.0110, -0.0054, 1.7444



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.



192.1690, 0.4097, 8.6218



239.9030, 0.5408, 13.2401



192.6590, -2.7899, 8.1921



95.4460, 0.2731, 5.7479



57.1580, 4.3591, 95.4544



13.0720, 0.9505, 21.8619



# Inverse Universe

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



192.1690, 0.4097, 8.6218



239.9030, 0.5408, 13.2401



196.9280, 2.5005, -8.7069



95.4460, 0.2731, 5.7479



57.1580, 4.3591, 95.4544

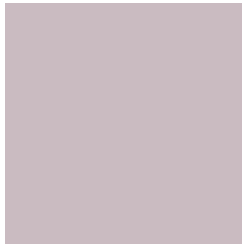


13.0720, 0.9505, 21.8619



# Previews

## White Background



This preview shows how the YUV color 192.1690, 0.4097, 8.6218 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

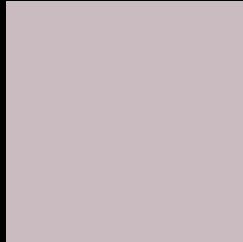
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 192.1690, 0.4097, 8.6218 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 192.1690, 0.4097, 8.6218

## Background



This preview shows how black text looks on a background with the YUV color 192.1690, 0.4097, 8.6218.



This preview shows how white text looks on a background with the YUV color 192.1690, 0.4097,

8.6218.

# 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

192.1690, 0.4097, 8.6218

### Protanopia

191.4670, 1.7418, 1.3444

### Deuteranopia

192.7890, 0.1040, 13.3400



## Tritanopia

192.6790, 3.6093, 9.0515

# Trichromacy



## Original Color

192.1690, 0.4097, 8.6218

## Protanomaly

191.6630, 1.1521, 3.8035

## Deuteranomaly

192.7780, 0.1094, 11.5957

## Tritanomaly

192.3370, 2.2989, 9.3515

# Monochromacy



## Original Color

192.1690, 0.4097, 8.6218

## Achromatopsia

192.0000, 0.0000, 0.0000

## Achromatomaly

192.0220, -0.0108, 3.4887

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 192.1690, 0.4097, 8.6218 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, 187, 193)` looks like.

```
.text, #text, p{  
    color:rgb(202, 187, 193)  
}
```

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, 187, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 187, 193) }
```

## Border

The CSS property to change the border of an element to YUV 192.1690, 0.4097, 8.6218 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, 187, 193) }
```



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

```
.border{ border-color:rgb(202, 187, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 187, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 187, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 187, 193);  
box-shadow:4px 4px 4px 4px rgb(202, 187,  
193) }
```

# Background

The CSS property to change the background color of an element to YUV 192.1690, 0.4097, 8.6218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 187, 193) }
```

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

```
.background{ background-color: rgb(202,  
187, 193) }
```

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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