

# Converting Colors

YUV(181.9770, -1.4677,  
50.8862)

Have a look what the booklet for  
YUV(181.9770, -1.4677, 50.8862)  
contains.

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# Color

**YUV(181.9770, -1.4677,  
50.8862)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F099B3
RGB	240, 153, 179
RGB Percent	94%, 60%, 70%
CMY	0.0588, 0.4000, 0.2980
CMYK	0.00, 0.36, 0.25, 0.06
HSL	342°, 74%, 77%
HSV	342°, 36%, 94%
XYZ	55.4631, 44.5624, 48.3260
YIQ	181.9770, 43.5060, 26.5300

# Conversions

## Conversions Part 2

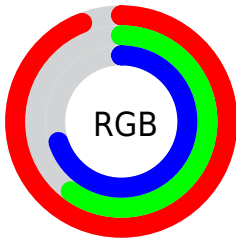
Format	Color
R <sub>Y</sub> B	240, 153, 179
Decimal	15767987
CIE Lab	72.60, 35.91, 0.20
CIE LCh	73, 35.914, 0.327
Yxy	44.5624, 0.3739, 0.3004
Android (android.graphics.Color)	4293958067 (0xFFFF099B3)
YUV	181.9770, -1.4677, 50.8862
Hunter-Lab	66.7551, 31.4844, 3.8067

# Details

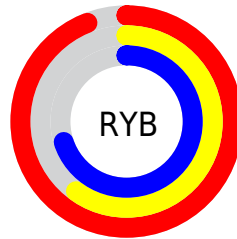
The YUV color **181.9770, -1.4677, 50.8862** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **211.0230, 1.4677, -50.8862**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1310, 4.8654, 26.1951**, and **127.4820, -0.7306, 47.8123** is the 20% darker color. If you saturate the color by 10%, you get **165.9510, -1.9478, 64.9410**, and if you desaturate by 10%, it is **198.0030, -0.9875, 36.8314**.

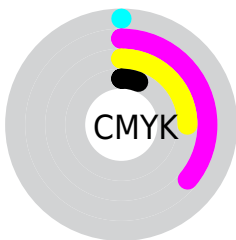
# Distribution



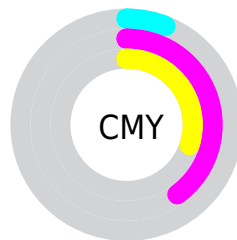
- Red (94%)
- Green (60%)
- Blue (70%)



- Red (94%)
- Yellow (60%)
- Blue (70%)



- Cyan (0%)
- Magenta (36%)
- Yellow (25%)
- Black (6%)



- Cyan (6%)
- Magenta (40%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 181.9770, -1.4677, 50.8862 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 181.9770, -1.4677, 50.8862 by changing the saturation by 10% instead.





 181.9770, -1.4677,  
50.8862


 181.9770, -1.4677,  
50.8862

255.0000, 0.0000,  
0.0000


 154.3790, -1.1728,  
49.6566

 225.1310, 4.8654,  
26.1951


 127.4820, -0.7306,  
47.8123

 244.4340, 5.2090,  
9.2664

 101.5850, -0.2884,  
45.9680

 76.2150, 0.8800,  
44.5384

 50.8450, 2.0484,  
43.1089

 26.0020, 3.9430,  
42.0942

 16.5030, -2.7130,

30.2539

■ 2.9900, -1.4741,  
6.1478

■ 0.0000, 0.0000,  
0.0000

■ 181.9770, -1.4677,  
50.8862

■ 181.9770, -1.4677,  
50.8862

■ 165.9510, -1.9478,  
64.9410

■ 198.0030, -0.9875,  
36.8314

■ 149.9250, -2.4280,  
78.9958

■ 214.0290, -0.5073,  
22.7766

■ 134.0130, -2.4714,  
92.9506

■ 229.9410, -0.4639,  
8.8217

■ 117.9870, -2.9516,  
107.0054

■ 245.9670, 0.0163,  
-5.2331

■ 101.9610, -3.4318,  
121.0602

■ 250.5150, 2.2111,  
-9.2217

■ 85.9350, -3.9120,  
135.1150

■ 79.9680, -3.9282,  
140.3481

# Harmonies

## Analogous

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



183.1670, 13.7217, 32.3025



181.9770, -1.4677, 50.8862



180.6880, -16.6082, 53.7706

# Triad

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



181.9770, -1.4677, 50.8862



172.1970, -25.7331, -6.3118



162.4250, 35.2865, -71.4097

# Complementary

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



181.9770, -1.4677, 50.8862



211.0230, 1.4677, -50.8862

# 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.



155.4480, 26.8941, -86.3389



181.9770, -1.4677, 50.8862



167.7940, -11.2374, -35.7763

# Square

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



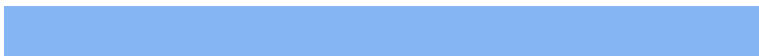
181.9770, -1.4677, 50.8862



175.8800, -31.4928, 21.1532



160.9440, 7.9156, -65.7259



173.7160, 34.1570, -35.7079



# Rectangle

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



181.9770, -1.4677, 50.8862



178.8800, -24.5908, 47.4632



160.9440, 7.9156, -65.7259



158.7290, 34.1506, -80.4463

# Sweetspot

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



181.9770, -1.4677, 50.8862



236.2840, -0.6330, 16.4139



181.1570, 29.0096, 28.8033



116.6530, -0.3219, 9.9513



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.



181.9770, -1.4677, 50.8862



180.2500, -2.0952, 65.5558



188.9920, -17.7441, 44.7340



111.9300, -0.4585, 7.0774



61.2860, -3.0990, 107.6202



18.6820, -0.8292, 32.7279



# Inverse Universe

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



181.9770, -1.4677, 50.8862



180.2500, -2.0952, 65.5558



204.0080, 17.7441, -44.7340



111.9300, -0.4585, 7.0774



61.2860, -3.0990, 107.6202



18.6820, -0.8292, 32.7279



# Previews

## White Background



This preview shows how the YUV color 181.9770, -1.4677, 50.8862 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

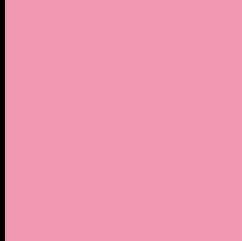
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 181.9770, -1.4677, 50.8862 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 181.9770, -1.4677, 50.8862

## Background



This preview shows how black text looks on a background with the YUV color 181.9770, -1.4677, 50.8862.



This preview shows how white text looks on a background with the YUV color 181.9770, -1.4677,



# 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

181.9770, -1.4677, 50.8862

### Protanopia

178.8240, 6.9888, -1.5996

### Deuteranopia

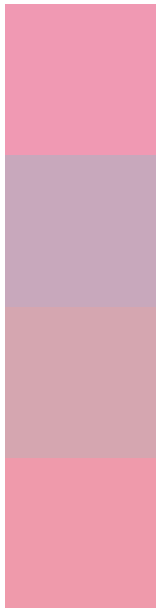
180.4040, -2.6642, 14.5547



## Tritanopia

181.4840, -7.1406, 50.4415

# Trichromacy



## Original Color

181.9770, -1.4677, 50.8862

## Protanomaly

179.8480, 4.0189, 17.6733

## Deuteranomaly

181.1930, -2.5601, 27.8947

## Tritanomaly

181.3530, -5.1040, 50.5564

# Monochromacy



## Original Color

181.9770, -1.4677, 50.8862

## Achromatopsia

182.0000, 0.0000, 0.0000

## Achromatomaly

181.7080, -0.3490, 18.6731

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 181.9770, -1.4677, 50.8862 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(240, 153, 179)` looks like.

```
.text, #text, p{  
    color:rgb(240, 153, 179)  
}
```

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(240, 153, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 153, 179) }
```

## Border

The CSS property to change the border of an element to YUV 181.9770, -1.4677, 50.8862 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(240, 153, 179) }
```



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

```
.border{ border-color:rgb(240, 153, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 153, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 153, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 153, 179);  
box-shadow:4px 4px 4px 4px rgb(240, 153,  
179) }
```

# Background

The CSS property to change the background color of an element to YUV 181.9770, -1.4677, 50.8862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 153, 179) }
```

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

```
.background{ background-color: rgb(240,  
153, 179) }
```

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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