

# Converting Colors

YUV(183.5420, 1.7048, 60.0377)

Have a look what the booklet for  
YUV(183.5420, 1.7048, 60.0377)  
contains.

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# Color

**YUV(183.5420, 1.7048,  
60.0377)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC94BB
RGB	252, 148, 187
RGB Percent	99%, 58%, 73%
CMY	0.0118, 0.4196, 0.2667
CMYK	0.00, 0.41, 0.26, 0.01
HSL	338°, 95%, 78%
HSV	338°, 41%, 99%
XYZ	59.7044, 45.4631, 52.6422
YIQ	183.5420, 49.4650, 34.1770

# Conversions

## Conversions Part 2

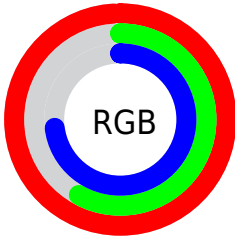
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	252, 148, 187
Decimal	16553147
CIE <sub>Lab</sub>	73.20, 43.75, -3.19
CIE <sub>LCh</sub>	73, 43.864, 355.835
Yxy	45.4631, 0.3783, 0.2881
Android (android.graphics.Color)	4294743227 (0xFFFC94BB)
YUV	183.5420, 1.7048, 60.0377
Hunter-Lab	67.4263, 40.0614, 0.9086

# Details

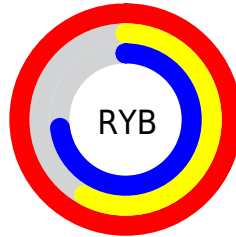
The YUV color **183.5420, 1.7048, 60.0377** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **216.4580, -1.7048, -60.0377**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6950, 9.5174, 27.4545**, and **128.7480, 2.5892, 56.3490** is the 20% darker color. If you saturate the color by 10%, you get **167.0430, 1.9508, 74.5073**, and if you desaturate by 10%, it is **200.0410, 1.4588, 45.5680**.

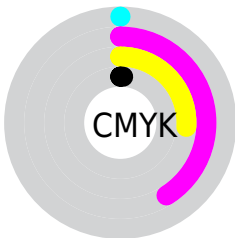
# Distribution



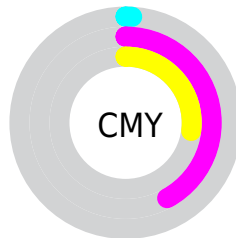
- Red (99%)
- Green (58%)
- Blue (73%)



- Red (99%)
- Yellow (58%)
- Blue (73%)



- Cyan (0%)
- Magenta (41%)
- Yellow (26%)
- Black (1%)




- Cyan (1%)
- Magenta (42%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 183.5420, 1.7048, 60.0377 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 183.5420, 1.7048, 60.0377 by changing the saturation by 10% instead.



 183.5420, 1.7048,  
60.0377


 183.5420, 1.7048,  
60.0377

255.0000, 0.0000,  
0.0000


 155.6450, 2.1470,  
58.1933


 223.6950, 9.5174,  
27.4545


 128.7480, 2.5892,  
56.3490

 241.4990, 6.6560,  
11.8404

 102.2640, 3.3208,  
55.0195

 75.1930, 4.3419,  
54.2047

 46.0020, 7.3940,  
55.2492

 29.0780, 5.3845,  
46.4126

 19.2090, -0.1030,

33.1427

■ 8.4860, -3.6906,  
17.1138

■ 0.0000, 0.0000,  
0.0000

■ 183.5420, 1.7048,  
60.0377

■ 183.5420, 1.7048,  
60.0377

■ 167.0430, 1.9508,  
74.5073

■ 200.0410, 1.4588,  
45.5680

■ 150.6580, 2.6336,  
88.8769

■ 216.5400, 1.2128,  
31.0984

■ 133.5720, 3.1690,  
103.8614

■ 233.5120, 0.2406,  
16.2140

■ 117.0730, 3.4150,  
118.3310

■ 250.0110, -0.0054,  
1.7444

■ 100.5740, 3.6610,  
132.8006

254.1030, 0.4422,  
-1.8443

■ 86.1780, 4.3492,  
145.4259

# Harmonies

## Analogous

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



185.0840, 19.6786, 35.0063



183.5420, 1.7048, 60.0377



181.0530, -16.7881, 64.8515

# Triad

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



183.5420, 1.7048, 60.0377



173.2700, -33.1641, -2.8678



142.3950, 50.5843, -124.8804

# Complementary

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



183.5420, 1.7048, 60.0377



216.4580, -1.7048, -60.0377

# 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.



141.6820, 35.1598, -124.2551



183.5420, 1.7048, 60.0377



166.6920, -16.6102, -39.1949

# Square

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



183.5420, 1.7048, 60.0377



176.8010, -38.3559, 29.1155



154.7630, 8.9908, -83.9842



169.3590, 42.2210, -55.5658



# Rectangle

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



183.5420, 1.7048, 60.0377



180.4470, -27.8284, 59.2440



154.7630, 8.9908, -83.9842



143.1300, 45.7849, -125.5250

# Sweetspot

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



183.5420, 1.7048, 60.0377



234.6370, 0.6720, 17.8584



178.9920, 35.9929, 28.9480



116.0660, -0.0325, 10.4661



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.



183.5420, 1.7048, 60.0377



171.3310, 1.8088, 73.3777



186.1400, -18.8030, 57.7592



116.4570, 0.2677, 7.4922



64.6050, 3.1527, 109.0944



20.8610, 1.0545, 35.2019



# Inverse Universe

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



183.5420, 1.7048, 60.0377



171.3310, 1.8088, 73.3777



213.8600, 18.8030, -57.7592



116.4570, 0.2677, 7.4922



64.6050, 3.1527, 109.0944



20.8610, 1.0545, 35.2019



# Previews

## White Background



This preview shows how the YUV color 183.5420, 1.7048, 60.0377 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

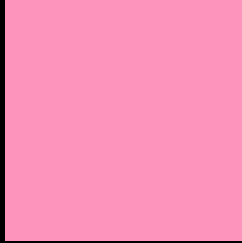
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 183.5420, 1.7048, 60.0377 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 183.5420, 1.7048, 60.0377

## Background



This preview shows how black text looks on a background with the YUV color 183.5420, 1.7048, 60.0377.



This preview shows how white text looks on a background with the YUV color 183.5420, 1.7048,



# 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

183.5420, 1.7048, 60.0377

### Protanopia

181.1810, 12.2358, -4.5437

### Deuteranopia

181.4900, 0.2514, 12.7253



## Tritanopia

182.6700, -9.2043, 59.0484

# Trichromacy



## Original Color

183.5420, 1.7048, 60.0377



## Protanomaly

182.2980, 8.2341, 19.0327



## Deuteranomaly

182.4150, 0.7814, 29.4540



## Tritanomaly

183.2940, -5.5679, 59.3782

# Monochromacy



## Original Color

183.5420, 1.7048, 60.0377



## Achromatopsia

184.0000, 0.0000, 0.0000



## Achromatomaly

183.9580, 0.5137, 21.9618

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 183.5420, 1.7048, 60.0377 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(252, 148, 187)` looks like.

```
.text, #text, p{  
    color:rgb(252, 148, 187)  
}
```

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(252, 148, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 148, 187) }
```

## Border

The CSS property to change the border of an element to YUV 183.5420, 1.7048, 60.0377 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(252, 148, 187) }
```



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

```
.border{ border-color:rgb(252, 148, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 148, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 148, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 148, 187);  
box-shadow:4px 4px 4px 4px rgb(252, 148,  
187) }
```

# Background

The CSS property to change the background color of an element to YUV 183.5420, 1.7048, 60.0377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 148, 187) }
```

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

```
.background{ background-color: rgb(252,  
148, 187) }
```

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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