

# Converting Colors

YUV(188.9700, 5.9308, 57.9083)

Have a look what the booklet for  
YUV(188.9700, 5.9308, 57.9083)  
contains.

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# Color

**YUV(188.9700, 5.9308,  
57.9083)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF99C9
RGB	255, 153, 201
RGB Percent	100%, 60%, 79%
CMY	0.0000, 0.4000, 0.2118
CMYK	0.00, 0.40, 0.21, 0.00
HSL	332°, 100%, 80%
HSV	332°, 40%, 100%
XYZ	63.1738, 48.2595, 61.2437
YIQ	188.9700, 45.3840, 36.5520

# Conversions

## Conversions Part 2

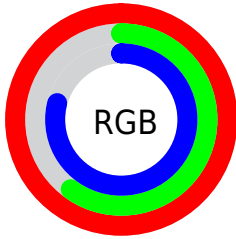
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 153, 201
Decimal	16751049
CIE Lab	74.99, 44.16, -8.22
CIE LCh	75, 44.918, 349.459
Yxy	48.2595, 0.3658, 0.2795
Android (android.graphics.Color)	4294941129 (0xFFFF99C9)
YUV	188.9700, 5.9308, 57.9083
Hunter-Lab	69.4691, 40.7536, -3.6415

# Details

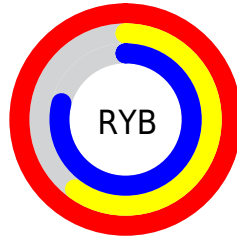
The YUV color **188.9700, 5.9308, 57.9083** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **219.0300, -5.9308, -57.9083**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9980, 13.3120, 23.6808**, and **134.0620, 6.3784, 54.3196** is the 20% darker color. If you saturate the color by 10%, you get **172.8130, 7.4872, 72.0780**, and if you desaturate by 10%, it is **205.8280, 4.5218, 43.1238**.

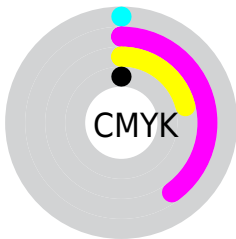
# Distribution



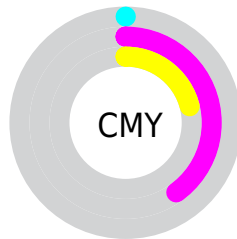
- Red (100%)
- Green (60%)
- Blue (79%)



- Red (100%)
- Yellow (60%)
- Blue (79%)



- Cyan (0%)
- Magenta (40%)
- Yellow (21%)
- Black (0%)



- Cyan (0%)
- Magenta (40%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 188.9700, 5.9308, 57.9083 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 188.9700, 5.9308, 57.9083 by changing the saturation by 10% instead.





 188.9700, 5.9308,  
57.9083


 188.9700, 5.9308,  
57.9083

255.0000, 0.0000,  
0.0000

 161.0730, 6.3730,  
56.0640


 227.9980, 13.3120,  
23.6808


 134.0620, 6.3784,  
54.3196

 245.0210, 4.9196,  
8.7516

 107.4640, 6.6732,  
53.0901

 80.5070, 8.1310,  
52.1754

 52.6750, 10.0202,  
52.9050

 31.4140, 9.1629,  
47.8719

 21.2460, 3.8227,

33.9873

■ 10.8780, -4.8699,  
22.0320

■ 0.0000, 0.0000,  
0.0000

■ 188.9700, 5.9308,  
57.9083

■ 188.9700, 5.9308,  
57.9083

■ 172.8130, 7.4872,  
72.0780

■ 205.8280, 4.5218,  
43.1238

■ 155.9550, 8.8962,  
86.8625

■ 221.9850, 2.9654,  
28.9542

■ 139.7980, 10.4526,  
101.0322

■ 238.8430, 1.5564,  
14.1697

■ 122.9400, 11.8616,  
115.8166

■ 255.0000, 0.0000,  
0.0000

■ 106.1960, 13.7074,  
130.5011

■ 89.9250, 14.8270,  
144.7708

# Harmonies

## Analogous

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



189.8920, 24.2102, 28.1587



188.9700, 5.9308, 57.9083



184.1820, -12.4147, 62.1074

# Triad

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



188.9700, 5.9308, 57.9083



179.1030, -36.5328, 4.2947



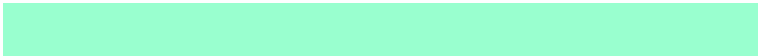
146.6180, 48.9953, -128.5840

# Complementary

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



188.9700, 5.9308, 57.9083



219.0300, -5.9308, -57.9083

# 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.



144.9760, 32.5498, -127.1440



188.9700, 5.9308, 57.9083



172.7700, -21.5786, -32.2473

# Square

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



188.9700, 5.9308, 57.9083



182.6170, -39.2512, 36.2929



162.5100, 2.7066, -74.9923



169.2710, 42.2644, -69.5207



# Rectangle

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



188.9700, 5.9308, 57.9083



184.2670, -24.7816, 62.0328



162.5100, 2.7066, -74.9923



146.6520, 44.0486, -128.6138

# Sweetspot

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



188.9700, 5.9308, 57.9083



234.9790, 1.9824, 17.5584



180.4750, 36.7408, 22.3854



116.2940, 0.8411, 10.2662



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.



188.9700, 5.9308, 57.9083



175.9760, 6.9138, 69.3040



184.6720, -15.6143, 61.6777



119.5710, 0.7045, 7.3922



67.3690, 11.1571, 108.4244



22.5560, 3.6699, 36.3464



# Inverse Universe

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



188.9700, 5.9308, 57.9083



175.9760, 6.9138, 69.3040



223.3280, 15.6143, -61.6777



119.5710, 0.7045, 7.3922



67.3690, 11.1571, 108.4244

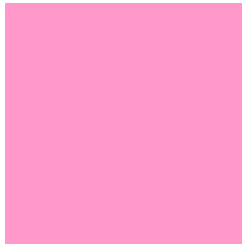


22.5560, 3.6699, 36.3464



# Previews

## White Background



This preview shows how the YUV color 188.9700, 5.9308, 57.9083 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

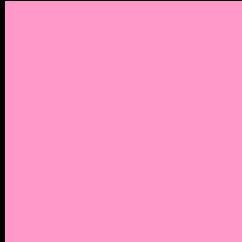
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 188.9700, 5.9308, 57.9083 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 188.9700, 5.9308, 57.9083

## Background



This preview shows how black text looks on a background with the YUV color 188.9700, 5.9308, 57.9083.



This preview shows how white text looks on a background with the YUV color 188.9700, 5.9308,



# 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

188.9700, 5.9308, 57.9083

### Protanopia

185.5380, 17.4828, -7.4878

### Deuteranopia

187.2060, 4.3354, 9.4663



## Tritanopia

188.1750, -8.4673, 55.9745

# Trichromacy



## Original Color

188.9700, 5.9308, 57.9083



## Protanomaly

186.6550, 13.4811, 16.0886



## Deuteranomaly

187.8430, 5.0074, 27.3247



## Tritanomaly

188.5540, -3.2311, 56.5191

# Monochromacy



## Original Color

188.9700, 5.9308, 57.9083



## Achromatopsia

189.0000, 0.0000, 0.0000



## Achromatomaly

189.0010, 1.9715, 21.0471

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 188.9700, 5.9308, 57.9083 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(255, 153, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 201)  
}
```

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(255, 153, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 201) }
```

## Border

The CSS property to change the border of an element to YUV 188.9700, 5.9308, 57.9083 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(255, 153, 201) }
```



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

```
.border{ border-color:rgb(255, 153, 201) }
```

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

Here you see how a box with a 4 pixel rgb(255, 153, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
201) }
```

# Background

The CSS property to change the background color of an element to YUV 188.9700, 5.9308, 57.9083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 201) }
```

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

```
.background{ background-color: rgb(255,  
153, 201) }
```

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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