

Converting Colors

YUV(186.9700, 5.9308, 57.9083)

Have a look what the booklet for
YUV(186.9700, 5.9308, 57.9083)
contains.

YUV(186.9700, 5.9308, 57.9083)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(186.9700, 5.9308,
57.9083)**

Conversions

Conversions Part 1

Format	Color
Hex	FD97C7
RGB	253, 151, 199
RGB Percent	99%, 59%, 78%
CMY	0.0078, 0.4078, 0.2196
CMYK	0.00, 0.40, 0.21, 0.01
HSL	332°, 96%, 79%
HSV	332°, 40%, 99%
XYZ	61.8834, 47.1394, 59.8700
YIQ	186.9700, 45.3840, 36.5520

Conversions

Conversions Part 2

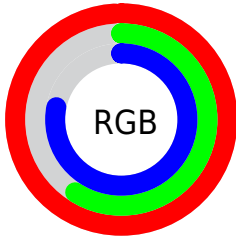
Format	Color
R_{YB}	253, 151, 199
Decimal	16619463
CIE _{Lab}	74.28, 44.23, -8.20
CIE _{LCh}	74, 44.980, 349.500
Yxy	47.1394, 0.3664, 0.2791
Android (android.graphics.Color)	4294809543 (0xFFFD97C7)
YUV	186.9700, 5.9308, 57.9083
Hunter-Lab	68.6581, 40.7351, -3.6403

Details

The YUV color **186.9700, 5.9308, 57.9083** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **217.0300, -5.9308, -57.9083**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8240, 13.8908, 24.7104**, and **132.0620, 6.3784, 54.3196** is the 20% darker color. If you saturate the color by 10%, you get **170.8130, 7.4872, 72.0780**, and if you desaturate by 10%, it is **203.1270, 4.3744, 43.7386**.

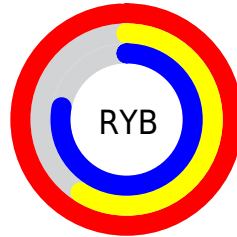
Distribution



Red (99%)

Green (59%)

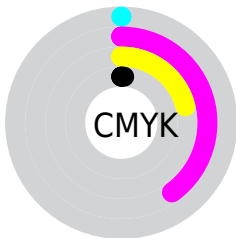
Blue (78%)



Red (99%)

Yellow (59%)

Blue (78%)

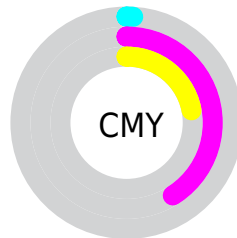


Cyan (0%)

Magenta (40%)

Yellow (21%)

Black (1%)



Cyan (1%)

Magenta (41%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.9700, 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 186.9700, 5.9308, 57.9083 by changing the saturation by 10% instead.

 186.9700, 5.9308,
57.9083

 186.9700, 5.9308,
57.9083

255.0000, 0.0000,
0.0000

 159.0730, 6.3730,
56.0640


 226.8240, 13.8908,
24.7104


 132.0620, 6.3784,
54.3196

 243.8470, 5.4984,
9.7812

 105.4640, 6.6732,
53.0901

 78.5070, 8.1310,
52.1754

 50.6750, 10.0202,
52.9050

 30.7020, 9.0209,
46.7423

 20.8330, 3.5333,

33.4725

■ 9.9810, -4.4276,
20.1877

■ 0.0000, 0.0000,
0.0000

■ 186.9700, 5.9308,
57.9083

■ 186.9700, 5.9308,
57.9083

■ 170.8130, 7.4872,
72.0780

■ 203.1270, 4.3744,
43.7386

■ 153.9550, 8.8962,
86.8625

■ 219.9850, 2.9654,
28.9542

■ 137.7980, 10.4526,
101.0322

■ 236.1420, 1.4090,
14.7845

■ 121.5270, 11.5722,
115.3018

■ 252.4130, 0.2894,
0.5148

■ 105.3700, 13.1286,
129.4715

254.4020, 0.2948,
-1.2296

■ 89.2130, 14.6850,
143.6412

Harmonies

Analogous

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



187.8920, 24.2102, 28.1587



186.9700, 5.9308, 57.9083



182.7800, -12.7095, 63.3369

Triad

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



186.9700, 5.9308, 57.9083



177.1030, -36.5328, 4.2947



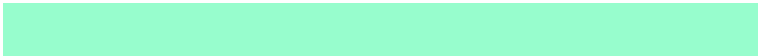
145.2160, 48.7005, -127.3544

Complementary

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



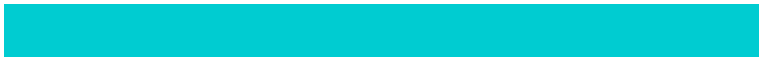
186.9700, 5.9308, 57.9083



217.0300, -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.



143.5740, 32.2550, -125.9144



186.9700, 5.9308, 57.9083



170.7700, -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.



186.9700, 5.9308, 57.9083



180.6170, -39.2512, 36.2929



160.2110, 2.8540, -75.6070



167.2000, 43.2854, -70.3354

Rectangle

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



186.9700, 5.9308, 57.9083



183.4520, -25.3658, 62.7476



160.2110, 2.8540, -75.6070



145.2500, 43.7537, -127.3842

Sweetspot

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



186.9700, 5.9308, 57.9083



234.9790, 1.9824, 17.5584



178.4750, 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.



186.9700, 5.9308, 57.9083



175.9760, 6.9138, 69.3040



182.6720, -15.6143, 61.6777



119.5710, 0.7045, 7.3922



67.3690, 11.1571, 108.4244



22.5560, 3.6699, 36.3464

Inverse Universe

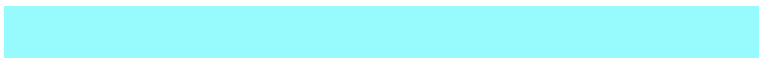
The Inverse Universe completely reimagines the original color for something new.



186.9700, 5.9308, 57.9083



175.9760, 6.9138, 69.3040



221.3280, 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 186.9700, 5.9308, 57.9083 looks on a white background.

Color Contrast Check

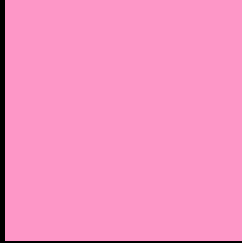
Large Text (above 18pt) WCAG AA × Fail

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 186.9700, 5.9308, 57.9083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

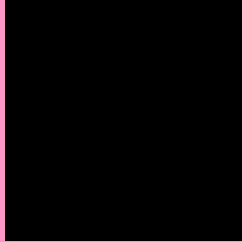
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 186.9700, 5.9308, 57.9083

Background



This preview shows how black text looks on a background with the YUV color 186.9700, 5.9308, 57.9083.



This preview shows how white text looks on a background with the YUV color 186.9700, 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

186.9700, 5.9308, 57.9083

Protanopia

183.5380, 17.4828, -7.4878

Deuteranopia

185.2060, 4.3354, 9.4663



Tritanopia

186.0610, -8.9041, 56.0745

Trichromacy



Original Color

186.9700, 5.9308, 57.9083



Protanomaly

184.6550, 13.4811, 16.0886



Deuteranomaly

185.8430, 5.0074, 27.3247



Tritanomaly

186.4400, -3.6679, 56.6191

Monochromacy



Original Color

186.9700, 5.9308, 57.9083



Achromatopsia

187.0000, 0.0000, 0.0000



Achromatomaly

187.0010, 1.9715, 21.0471

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.9700, 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(253, 151, 199)` looks like.

```
.text, #text, p{  
    color:rgb(253, 151, 199)  
}
```

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(253, 151, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 151, 199) }
```

Border

The CSS property to change the border of an element to YUV 186.9700, 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(253, 151, 199) }
```


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

```
.border{ border-color:rgb(253, 151, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 151, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 151, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 151, 199);  
box-shadow:4px 4px 4px 4px rgb(253, 151,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 186.9700, 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(253, 151, 199) }
```

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

```
.background{ background-color: rgb(253,  
151, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor