

Converting Colors

YUV(186.9180, -1.9316,
59.7079)

Have a look what the booklet for
YUV(186.9180, -1.9316, 59.7079)
contains.

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Color

**YUV(186.9180, -1.9316,
59.7079)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99B7
RGB	255, 153, 183
RGB Percent	100%, 60%, 72%
CMY	0.0000, 0.4000, 0.2824
CMYK	0.00, 0.40, 0.28, 0.00
HSL	342°, 100%, 80%
HSV	342°, 40%, 100%
XYZ	61.1785, 47.4614, 50.7362
YIQ	186.9180, 51.1620, 30.9540

Conversions

Conversions Part 2

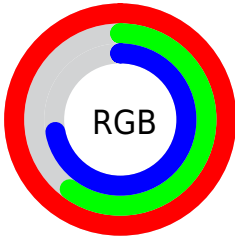
Format	Color
R _Y B	255, 153, 183
Decimal	16751031
CIE _{Lab}	74.48, 41.69, 0.95
CIE _{LCh}	74, 41.702, 1.309
Yxy	47.4614, 0.3839, 0.2978
Android (android.graphics.Color)	4294941111 (0xFFFF99B7)
YUV	186.9180, -1.9316, 59.7079
Hunter-Lab	68.8922, 37.9523, 4.5599

Details

The YUV color **186.9180, -1.9316, 59.7079** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **221.0820, 1.9316, -59.7079**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.1740, 6.3232, 25.2804**, and **132.1240, -1.0471, 56.0193** is the 20% darker color. If you saturate the color by 10%, you get **170.1910, -2.5592, 74.3775**, and if you desaturate by 10%, it is **204.2320, -1.5934, 44.5235**.

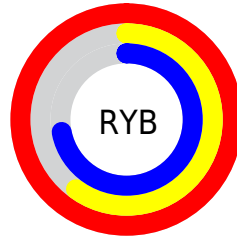
Distribution



Red (100%)

Green (60%)

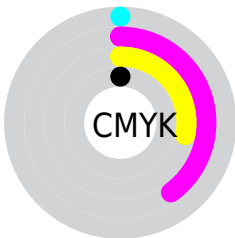
Blue (72%)



Red (100%)

Yellow (60%)

Blue (72%)

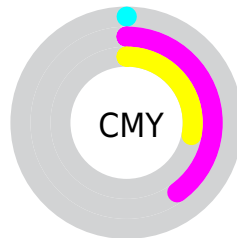


Cyan (0%)

Magenta (40%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.9180, -1.9316, 59.7079 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 186.9180, -1.9316, 59.7079 by changing the saturation by 10% instead.


 186.9180, -1.9316,
59.7079


 186.9180, -1.9316,
59.7079


255.0000, 0.0000,
0.0000


 159.0210, -1.4894,
57.8636

 226.1740, 6.3232,
25.2804


 132.1240, -1.0471,
56.0193

 244.4340, 5.2090,
9.2664

 105.3410, -0.1681,
54.0749

 78.9710, 1.0003,
52.6454

 51.8400, 3.0369,
52.7603

 29.6330, 3.6319,
48.5569

 19.3510, -2.1450,

34.7722

■ 9.6820, -4.2802,
19.5729

■ 0.0000, 0.0000,
0.0000

■ 186.9180, -1.9316,
59.7079

■ 186.9180, -1.9316,
59.7079

■ 170.1910, -2.5592,
74.3775

■ 204.2320, -1.5934,
44.5235

■ 152.8770, -2.8974,
89.5619

■ 220.9590, -0.9658,
29.8540

■ 136.1500, -3.5249,
104.2315

■ 238.2730, -0.6276,
14.6696

■ 118.8360, -3.8631,
119.4158

■ 255.0000, 0.0000,
0.0000

■ 101.5220, -4.2013,
134.6002

■ 84.7950, -4.8289,
149.2698

Harmonies

Analogous

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



188.7810, 15.8840, 38.7801



186.9180, -1.9316, 59.7079



184.9340, -19.6875, 61.4479

Triad

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



186.9180, -1.9316, 59.7079



176.1490, -29.6535, -8.9007



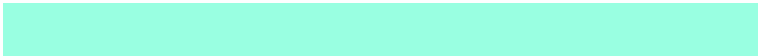
159.6870, 44.5243, -94.4415

Complementary

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



186.9180, -1.9316, 59.7079



221.0820, 1.9316, -59.7079

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.



144.4690, 38.2228, -126.6993



186.9180, -1.9316, 59.7079



169.8100, -12.2313, -43.6834

Square

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



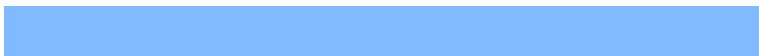
186.9180, -1.9316, 59.7079



179.9250, -36.4450, 22.8678



159.5610, 12.0484, -84.6840



176.8230, 38.5413, -41.9408

Rectangle

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



186.9180, -1.9316, 59.7079



184.0720, -29.1225, 54.3109



159.5610, 12.0484, -84.6840



147.6900, 46.4948, -119.8771

Sweetspot

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



186.9180, -1.9316, 59.7079



234.2950, -0.6384, 18.1583



185.8570, 34.0875, 33.4514



115.9520, -0.4693, 10.5661



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.



186.9180, -1.9316, 59.7079



173.5820, -2.2589, 71.4036



195.2380, -20.8233, 52.4113



119.3430, -0.1691, 7.5922



63.4930, -3.6940, 111.8236



21.3020, -1.1349, 37.4461

Inverse Universe

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



186.9180, -1.9316, 59.7079



173.5820, -2.2589, 71.4036



212.7620, 20.8233, -52.4113



119.3430, -0.1691, 7.5922



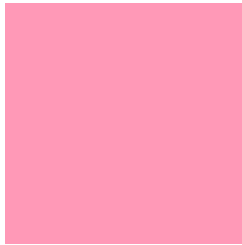
63.4930, -3.6940, 111.8236



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 186.9180, -1.9316, 59.7079 looks on a white background.

Color Contrast Check

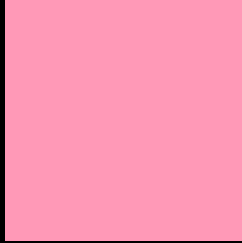
Large Text (above 18pt) WCAG AA × Fail

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 186.9180, -1.9316, 59.7079 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 186.9180, -1.9316, 59.7079

Background



This preview shows how black text looks on a background with the YUV color 186.9180, -1.9316, 59.7079.



This preview shows how white text looks on a background with the YUV color 186.9180, -1.9316,

59.7079.

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

186.9180, -1.9316, 59.7079

Protanopia

184.0520, 7.8624, -1.7996

Deuteranopia

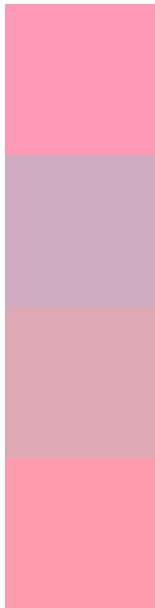
185.5890, -3.2484, 15.2694



Tritanopia

186.2570, -9.4937, 58.5336

Trichromacy



Original Color

186.9180, -1.9316, 59.7079

Protanomaly

184.9840, 4.4449, 21.0620

Deuteranomaly

186.1010, -3.0078, 31.4834

Tritanomaly

186.6530, -6.7309, 59.0633

Monochromacy



Original Color

186.9180, -1.9316, 59.7079

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.3170, -0.6493, 21.6470

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.9180, -1.9316, 59.7079 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 183) }
```

Border

The CSS property to change the border of an element to YUV 186.9180, -1.9316, 59.7079 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, 183) }
```


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

```
.border{ border-color:rgb(255, 153, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 186.9180, -1.9316, 59.7079 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, 183) }
```

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

```
.background{ background-color: rgb(255,  
153, 183) }
```

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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