

Converting Colors

YUV(184.9920, 5.9199, 61.3970)

Have a look what the booklet for
YUV(184.9920, 5.9199, 61.3970)
contains.

YUV(184.9920, 5.9199, 61.3970)	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(184.9920, 5.9199,
61.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	FF93C5
RGB	255, 147, 197
RGB Percent	100%, 58%, 77%
CMY	0.0000, 0.4235, 0.2275
CMYK	0.00, 0.42, 0.23, 0.00
HSL	332°, 100%, 79%
HSV	332°, 42%, 100%
XYZ	61.7518, 46.1587, 58.4782
YIQ	184.9920, 48.3180, 38.4460

Conversions

Conversions Part 2

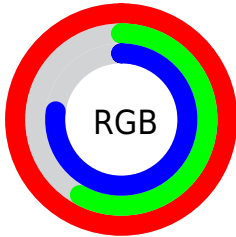
Format	Color
R _Y B	255, 147, 197
Decimal	16749509
CIE Lab	73.65, 46.64, -8.00
CIE LCh	74, 47.319, 350.261
Yxy	46.1587, 0.3711, 0.2774
Android (android.graphics.Color)	4294939589 (0xFFFF93C5)
YUV	184.9920, 5.9199, 61.3970
Hunter-Lab	67.9402, 43.3459, -3.4746

Details

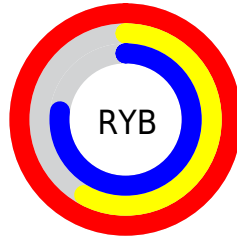
The YUV color **184.9920, 5.9199, 61.3970** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **217.0080, -5.9199, -61.3970**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.3620, 14.6115, 26.8695**, and **129.4970, 6.6570, 58.3231** is the 20% darker color. If you saturate the color by 10%, you get **168.7210, 7.0395, 75.6667**, and if you desaturate by 10%, it is **201.2630, 4.8003, 47.1273**.

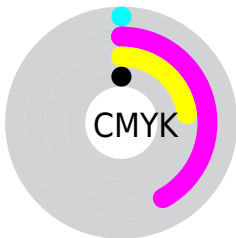
Distribution



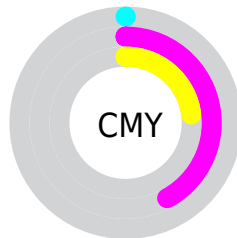
- Red (100%)
- Green (58%)
- Blue (77%)



- Red (100%)
- Yellow (58%)
- Blue (77%)



- Cyan (0%)
- Magenta (42%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 184.9920, 5.9199, 61.3970 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 184.9920, 5.9199, 61.3970 by changing the saturation by 10% instead.

 184.9920, 5.9199,
61.3970


 184.9920, 5.9199,
61.3970


255.0000, 0.0000,
0.0000


 157.0950, 6.3622,
59.5527


 224.3620, 14.6115,
26.8695

 129.4970, 6.6570,
58.3231

 241.4990, 6.6560,
11.8404

 103.0130, 7.3886,
56.9936

 75.6430, 8.5570,
55.5641

 44.2890, 12.1825,
59.3825

 30.7730, 7.9999,
47.5571

 21.0180, 2.9491,

34.1872

■ 9.9810, -4.4276,
20.1877

■ 0.0000, 0.0000,
0.0000

■ 184.9920, 5.9199,
61.3970

■ 184.9920, 5.9199,
61.3970

■ 168.7210, 7.0395,
75.6667

■ 201.2630, 4.8003,
47.1273

■ 151.9770, 8.8853,
90.3512

■ 218.0070, 2.9545,
32.4429

■ 135.1190, 10.2943,
105.1356

■ 234.8650, 1.5456,
17.6584

■ 118.8480, 11.4139,
119.4053

■ 251.1360, 0.4260,
3.3887

■ 102.1040, 13.2597, 255.0000, 0.0000,
134.0898 0.0000

■ 89.6970, 13.9534,
144.9707

Harmonies

Analogous

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



186.4300, 24.9310, 30.3179



184.9920, 5.9199, 61.3970



179.9760, -13.2992, 65.7960

Triad

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



184.9920, 5.9199, 61.3970



174.9350, -38.4220, 3.5650



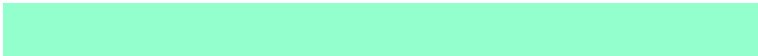
144.9710, 50.3003, -127.1396

Complementary

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



184.9920, 5.9199, 61.3970



217.0080, -5.9199, -61.3970

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.



143.1010, 32.9812, -125.4996



184.9920, 5.9199, 61.3970



168.0470, -21.7152, -35.1212

Square

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



184.9920, 5.9199, 61.3970



178.6340, -41.7246, 36.2780



155.6120, 4.6283, -84.7287



163.3240, 45.1963, -76.5831

Rectangle

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



184.9920, 5.9199, 61.3970



181.1210, -26.6817, 64.7919



155.6120, 4.6283, -84.7287



144.8910, 44.9167, -127.0694

Sweetspot

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



184.9920, 5.9199, 61.3970



233.5770, 1.6875, 18.7880



176.6540, 38.6246, 24.8594



114.4190, 1.2724, 11.9105



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.



184.9920, 5.9199, 61.3970



170.7100, 7.0450, 73.9223



181.6400, -17.0775, 64.3367



119.5710, 0.7045, 7.3922



67.2550, 10.7203, 108.5244



22.5560, 3.6699, 36.3464

Inverse Universe

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



184.9920, 5.9199, 61.3970



170.7100, 7.0450, 73.9223



220.3600, 17.0775, -64.3367



119.5710, 0.7045, 7.3922



67.2550, 10.7203, 108.5244



22.5560, 3.6699, 36.3464

Previews

White Background



This preview shows how the YUV color 184.9920, 5.9199, 61.3970 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 184.9920, 5.9199, 61.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

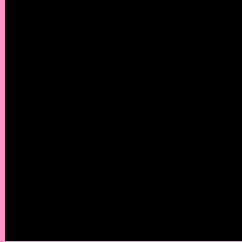
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 184.9920, 5.9199, 61.3970

Background



This preview shows how black text looks on a background with the YUV color 184.9920, 5.9199, 61.3970.



This preview shows how white text looks on a background with the YUV color 184.9920, 5.9199,

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

184.9920, 5.9199, 61.3970

Protanopia

182.2390, 17.6302, -8.1026

Deuteranopia

183.2060, 4.3354, 9.4663



Tritanopia

183.8550, -9.7885, 59.7632

Trichromacy



Original Color

184.9920, 5.9199, 61.3970



Protanomaly

183.2530, 13.1863, 17.3181



Deuteranomaly

183.5550, 5.1494, 28.4543



Tritanomaly

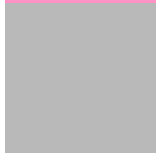
184.3480, -4.1156, 60.2078

Monochromacy



Original Color

184.9920, 5.9199, 61.3970



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

184.7130, 2.1135, 22.1767

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.9920, 5.9199, 61.3970 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, 147, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 197)  
}
```

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, 147, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 197) }
```

Border

The CSS property to change the border of an element to YUV 184.9920, 5.9199, 61.3970 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, 147, 197) }
```


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

```
.border{ border-color:rgb(255, 147, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 184.9920, 5.9199, 61.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 197) }
```

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

```
.background{ background-color: rgb(255,  
147, 197) }
```

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