

Converting Colors

YUV(188.8560, 5.4940, 58.0083)

Have a look what the booklet for
YUV(188.8560, 5.4940, 58.0083)
contains.

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Color

**YUV(188.8560, 5.4940,
58.0083)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99C8
RGB	255, 153, 200
RGB Percent	100%, 60%, 78%
CMY	0.0000, 0.4000, 0.2157
CMYK	0.00, 0.40, 0.22, 0.00
HSL	332°, 100%, 80%
HSV	332°, 40%, 100%
XYZ	63.0566, 48.2126, 60.6261
YIQ	188.8560, 45.7050, 36.2410

Conversions

Conversions Part 2

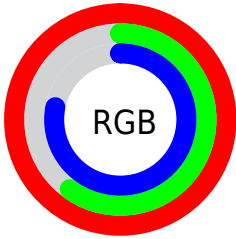
Format	Color
R _Y B	255, 153, 200
Decimal	16751048
CIE Lab	74.96, 44.02, -7.71
CIE LCh	75, 44.688, 350.063
Yxy	48.2126, 0.3668, 0.2805
Android (android.graphics.Color)	4294941128 (0xFFFF99C8)
YUV	188.8560, 5.4940, 58.0083
Hunter-Lab	69.4353, 40.5902, -3.1632

Details

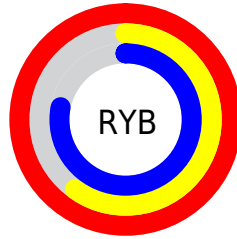
The YUV color **188.8560, 5.4940, 58.0083** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **219.1440, -5.4940, -58.0083**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9980, 13.3120, 23.6808**, and **133.9480, 5.9416, 54.4196** is the 20% darker color. If you saturate the color by 10%, you get **172.5850, 6.6136, 72.2780**, and if you desaturate by 10%, it is **205.7140, 4.0850, 43.2238**.

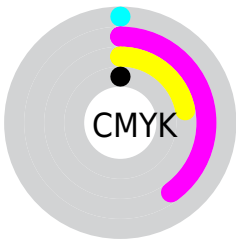
Distribution



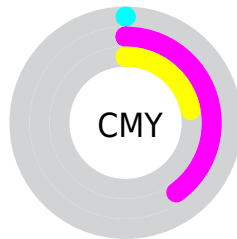
- Red (100%)
- Green (60%)
- Blue (78%)



- Red (100%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (40%)
- Yellow (22%)
- Black (0%)



- Cyan (0%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.8560, 5.4940, 58.0083 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 188.8560, 5.4940, 58.0083 by changing the saturation by 10% instead.


 188.8560, 5.4940,
58.0083


 188.8560, 5.4940,
58.0083


255.0000, 0.0000,
0.0000


 160.9590, 5.9362,
56.1640


 227.9980, 13.3120,
23.6808


 133.9480, 5.9416,
54.4196

 245.0210, 4.9196,
8.7516

 107.3500, 6.2365,
53.1901

 80.3930, 7.6943,
52.2753

 52.5610, 9.5834,
53.0050

 31.3000, 8.7261,
47.9719

 21.2460, 3.8227,

33.9873

■ 10.8780, -4.8699,
22.0320

■ 0.0000, 0.0000,
0.0000

■ 188.8560, 5.4940,
58.0083

■ 188.8560, 5.4940,
58.0083

■ 172.5850, 6.6136,
72.2780

■ 205.7140, 4.0850,
43.2238

■ 155.8410, 8.4594,
86.9624

■ 221.9850, 2.9654,
28.9542

■ 139.5700, 9.5790,
101.2321

■ 238.7290, 1.1196,
14.2697

■ 122.7120, 10.9880,
116.0166

■ 255.0000, 0.0000,
0.0000

■ 105.8540, 12.3970,
130.8010

■ 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.



190.0770, 23.6260, 28.8735



188.8560, 5.4940, 58.0083



184.0680, -12.8515, 62.2074

Triad

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



188.8560, 5.4940, 58.0083



178.8040, -36.3854, 3.6799



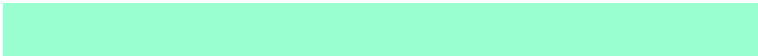
146.6180, 48.9953, -128.5840

Complementary

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



188.8560, 5.4940, 58.0083



219.1440, -5.4940, -58.0083

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



188.8560, 5.4940, 58.0083



172.8840, -21.1418, -32.3473

Square

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



188.8560, 5.4940, 58.0083



182.3180, -39.1038, 35.6781



162.3250, 3.2908, -75.7070



169.8690, 41.9696, -68.2911

Rectangle

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



188.8560, 5.4940, 58.0083



184.8540, -25.0710, 61.5180



162.3250, 3.2908, -75.7070



146.6520, 44.0486, -128.6138

Sweetspot

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



188.8560, 5.4940, 58.0083



234.9790, 1.9824, 17.5584



180.7740, 36.5934, 23.0002



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.



188.8560, 5.4940, 58.0083



175.8620, 6.4770, 69.4040



185.2590, -15.9037, 61.1629



119.5710, 0.7045, 7.3922



67.1410, 10.2835, 108.6243



22.4420, 3.2331, 36.4464

Inverse Universe

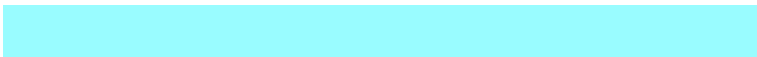
The Inverse Universe completely reimagines the original color for something new.



188.8560, 5.4940, 58.0083



175.8620, 6.4770, 69.4040



222.7410, 15.9037, -61.1629



119.5710, 0.7045, 7.3922



67.1410, 10.2835, 108.6243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 188.8560, 5.4940, 58.0083 looks on a white background.

Color Contrast Check

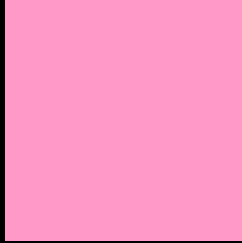
Large Text (above 18pt) WCAG AA × Fail

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 188.8560, 5.4940, 58.0083 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 188.8560, 5.4940, 58.0083

Background



This preview shows how black text looks on a background with the YUV color 188.8560, 5.4940, 58.0083.



This preview shows how white text looks on a background with the YUV color 188.8560, 5.4940,

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

188.8560, 5.4940, 58.0083

Protanopia

185.6090, 16.4618, -6.6731

Deuteranopia

186.5050, 4.1880, 10.0811



Tritanopia

187.4740, -8.6147, 56.5893

Trichromacy



Original Color

188.8560, 5.4940, 58.0083



Protanomaly

186.7260, 12.4601, 16.9033



Deuteranomaly

187.7290, 4.5706, 27.4247



Tritanomaly

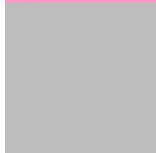
187.8530, -3.3785, 57.1339

Monochromacy



Original Color

188.8560, 5.4940, 58.0083



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 188.8560, 5.4940, 58.0083 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 200) }
```

Border

The CSS property to change the border of an element to YUV 188.8560, 5.4940, 58.0083 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, 200) }
```


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

```
.border{ border-color:rgb(255, 153, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 188.8560, 5.4940, 58.0083 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, 200) }
```

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

```
.background{ background-color: rgb(255,  
153, 200) }
```

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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