

Converting Colors

YUV(189.2040, 4.3364, 55.9491)

Have a look what the booklet for
YUV(189.2040, 4.3364, 55.9491)
contains.

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Color

**YUV(189.2040, 4.3364,
55.9491)**

Conversions

Conversions Part 1

Format	Color
Hex	FD9BC6
RGB	253, 155, 198
RGB Percent	99%, 61%, 78%
CMY	0.0078, 0.3922, 0.2235
CMYK	0.00, 0.39, 0.22, 0.01
HSL	334°, 96%, 80%
HSV	334°, 39%, 99%
XYZ	62.4224, 48.4026, 59.4787
YIQ	189.2040, 44.6050, 34.1490

Conversions

Conversions Part 2

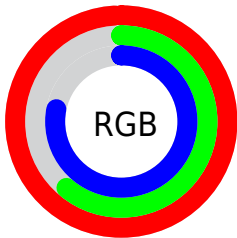
Format	Color
R _Y B	253, 155, 198
Decimal	16620486
CIE Lab	75.08, 42.04, -6.46
CIE LCh	75, 42.530, 351.262
Yxy	48.4026, 0.3665, 0.2842
Android (android.graphics.Color)	4294810566 (0xFFFD9BC6)
YUV	189.2040, 4.3364, 55.9491
Hunter-Lab	69.5719, 38.4056, -1.9881

Details

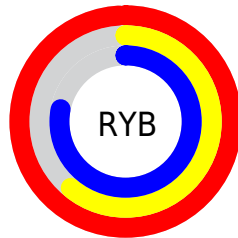
The YUV color **189.2040, 4.3364, 55.9491** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **218.7960, -4.3364, -55.9491**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.1720, 12.7332, 22.6512**, and **134.5950, 4.6367, 52.9752** is the 20% darker color. If you saturate the color by 10%, you get **172.9330, 5.4560, 70.2188**, and if you desaturate by 10%, it is **205.4750, 3.2168, 41.6794**.

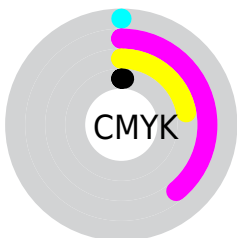
Distribution



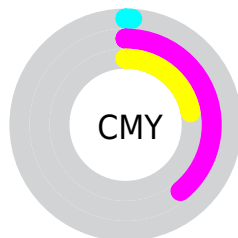
- Red (99%)
- Green (61%)
- Blue (78%)



- Red (99%)
- Yellow (61%)
- Blue (78%)



- Cyan (0%)
- Magenta (39%)
- Yellow (22%)
- Black (1%)





- Cyan (1%)
- Magenta (39%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.2040, 4.3364, 55.9491 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 189.2040, 4.3364, 55.9491 by changing the saturation by 10% instead.


 189.2040, 4.3364,
55.9491


 189.2040, 4.3364,
55.9491


255.0000, 0.0000,
0.0000

 161.3070, 4.7786,
54.1048

 229.1720, 12.7332,
22.6512

 134.5950, 4.6367,
52.9752

 246.1950, 4.3409,
7.7220

 107.8120, 5.5157,
51.0309

 81.3280, 6.2473,
49.7013

 54.6700, 7.5577,
49.4014

 30.8870, 8.4367,
47.4571

 20.7190, 3.0965,

33.5724

■ 10.5790, -4.7224,
21.4172

■ 0.0000, 0.0000,
0.0000

■ 189.2040, 4.3364,
55.9491

■ 189.2040, 4.3364,
55.9491

■ 172.9330, 5.4560,
70.2188

■ 205.4750, 3.2168,
41.6794

■ 156.0750, 6.8650,
85.0032

■ 222.3330, 1.8078,
26.8950

■ 139.6900, 7.5478,
99.3729

■ 238.7180, 1.1250,
12.5253

■ 123.4190, 8.6674,
113.6425

■ 254.4020, 0.2948,
-1.2296

■ 106.5610, 10.0764,
128.4270

■ 90.2900, 11.1960,
142.6967

■ 88.3010, 11.1906,
144.4410

Harmonies

Analogous

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



190.2080, 21.5895, 28.7586



189.2040, 4.3364, 55.9491



185.2420, -13.4303, 61.1778

Triad

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



189.2040, 4.3364, 55.9491



179.0750, -34.0540, 2.5652



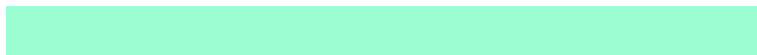
145.9170, 48.8479, -127.9692

Complementary

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



189.2040, 4.3364, 55.9491



218.7960, -4.3364, -55.9491

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.



144.5030, 33.2760, -126.7291



189.2040, 4.3364, 55.9491



173.6390, -19.5420, -32.1324

Square

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



189.2040, 4.3364, 55.9491



183.0510, -37.4931, 32.4043



164.7600, 3.5693, -71.7035



172.8700, 40.4901, -60.3990

Rectangle

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



189.2040, 4.3364, 55.9491



186.1420, -25.2130, 60.3885



164.7600, 3.5693, -71.7035



145.9510, 43.9012, -127.9990

Sweetspot

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



189.2040, 4.3364, 55.9491



234.8650, 1.5456, 17.6584



182.3180, 34.8462, 23.4001



116.1800, 0.4043, 10.3661



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.



189.2040, 4.3364, 55.9491



178.7970, 5.0301, 66.8300



187.2370, -15.8928, 57.6742



119.4570, 0.2677, 7.4922



66.6850, 8.5363, 109.0243



22.3280, 2.7963, 36.5463

Inverse Universe

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



189.2040, 4.3364, 55.9491



178.7970, 5.0301, 66.8300



220.7630, 15.8928, -57.6742



119.4570, 0.2677, 7.4922



66.6850, 8.5363, 109.0243



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 189.2040, 4.3364, 55.9491 looks on a white background.

Color Contrast Check

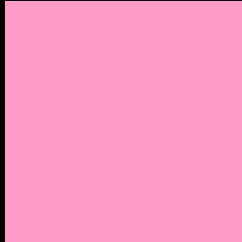
Large Text (above 18pt) WCAG AA × Fail

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 189.2040, 4.3364, 55.9491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

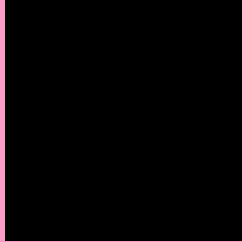
Any Text WCAG AA ✓ Pass

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 189.2040, 4.3364, 55.9491 Background



This preview shows how black text looks on a background with the YUV color 189.2040, 4.3364, 55.9491.



This preview shows how white text looks on a background with the YUV color 189.2040, 4.3364,

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

189.2040, 4.3364, 55.9491

Protanopia

186.1530, 14.7146, -6.2732

Deuteranopia

187.2770, 3.3144, 10.2811



Tritanopia

188.2780, -8.0251, 54.1302

Trichromacy



Original Color

189.2040, 4.3364, 55.9491



Protanomaly

186.9710, 10.8603, 16.6884



Deuteranomaly

188.0880, 3.4076, 27.1098



Tritanomaly

188.4290, -3.6625, 54.8748

Monochromacy



Original Color

189.2040, 4.3364, 55.9491



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

189.1750, 1.3927, 20.0175

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.2040, 4.3364, 55.9491 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, 155, 198)` looks like.

```
.text, #text, p{  
    color:rgb(253, 155, 198)  
}
```

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, 155, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 155, 198) }
```

Border

The CSS property to change the border of an element to YUV 189.2040, 4.3364, 55.9491 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, 155, 198) }
```


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

```
.border{ border-color:rgb(253, 155, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 155, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 155, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 155, 198);  
box-shadow:4px 4px 4px 4px rgb(253, 155,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 189.2040, 4.3364, 55.9491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 155, 198) }
```

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

```
.background{ background-color: rgb(253,  
155, 198) }
```

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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