

Converting Colors

$Yxy(58.0664, 0.3536, 0.3053)$

Have a look what the booklet for
Yxy(58.0664, 0.3536, 0.3053)
contains.

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Color

Yxy(57.9166, 0.3539, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	FBB5CC
RGB	251, 181, 204
RGB Percent	98%, 71%, 80%
CMY	0.0158, 0.2901, 0.1999
CMYK	0.00, 0.28, 0.19, 0.02
HSL	340°, 90%, 85%
HSV	340°, 28%, 98%
XYZ	67.2022, 57.9166, 64.7716
YIQ	204.5520, 34.3370, 21.9930

Conversions

Conversions Part 2

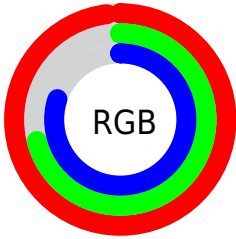
Format	Color
R _Y B	251, 181, 204
Decimal	16496076
CIE Lab	80.69, 28.66, -1.49
CIE LCh	81, 28.697, 357.016
Yxy	57.9166, 0.3539, 0.3050
Android (android.graphics.Color)	4294686156 (0xFFFB5CC)
YUV	204.5520, -0.2721, 40.7349
Hunter-Lab	76.1030, 24.4431, 2.8100

Details

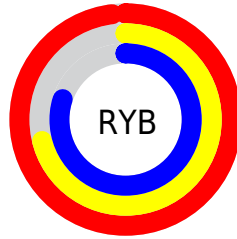
The Yxy color **57.9166, 0.3539, 0.3050** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.4076, 0.2837, 0.3545**, and the grayscale version is **60.7381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **28.7182, 0.3641, 0.2981** is the 20% darker color. If you saturate the color by 10%, you get **47.8493, 0.3752, 0.2960**, and if you desaturate by 10%, it is **69.9152, 0.3364, 0.3140**.

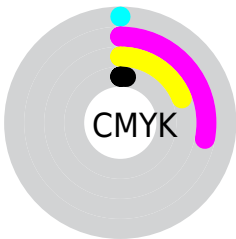
Distribution



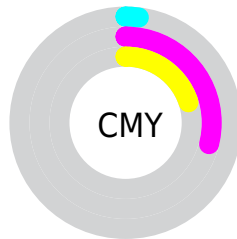
- Red (98%)
- Green (71%)
- Blue (80%)



- Red (98%)
- Yellow (71%)
- Blue (80%)



- Cyan (0%)
- Magenta (28%)
- Yellow (19%)
- Black (2%)





- Cyan (2%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9166, 0.3539, 0.3050 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 Yxy color 57.9166, 0.3539, 0.3050 by changing the saturation by 10% instead.


 57.9166, 0.3539,
0.3050

 57.9166, 0.3539,
0.3050


416.8751, 0.3341,
0.3165

 41.7416, 0.3586,
0.3023


 101.8014, 0.3469,
0.3091

 28.8990, 0.3645,
0.2989


130.2800, 0.3442,
0.3106

 19.0044, 0.3722,
0.2945


163.6286, 0.3419,
0.3119

 11.6735, 0.3826,
0.2886

202.2315, 0.3399,
0.3131

 6.5218, 0.3972,
0.2803

246.4733, 0.3382,
0.3141

 3.1649, 0.4195,
0.2678


296.7382, 0.3367,


 1.2184, 0.4573,


0.3150


0.2469


353.4107, 0.3353,
0.3158


 0.0767, 0.7449,
0.0739


 0.0000, 0.0000,
0.0000


 57.9166, 0.3539,
0.3050


 57.9166, 0.3539,
0.3050


 47.8493, 0.3752,
0.2960

 69.9152, 0.3364,
0.3140

 39.6036, 0.4006,
0.2876

 83.9310, 0.3221,
0.3226

 33.0715, 0.4303,
0.2807

 99.2170, 0.3105,
0.3294

 28.1297, 0.4636,
0.2764

 99.2455, 0.3102,
0.3290

■ 24.6386, 0.4989,
0.2759

■ 22.4336, 0.5336,
0.2803

■ 21.2943, 0.5644,
0.2895

■ 21.1224, 0.5705,
0.2916

Harmonies

Analogous

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



57.9166, 0.3169, 0.2817



57.9166, 0.3539, 0.3050



57.9166, 0.3801, 0.3345

Triad

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



57.9166, 0.3539, 0.3050



57.9166, 0.3422, 0.3961



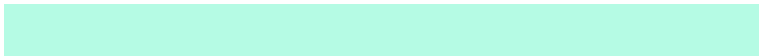
57.9166, 0.2436, 0.2874

Complementary

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



57.9166, 0.3539, 0.3050



84.4076, 0.2837, 0.3545

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.



57.9166, 0.2495, 0.3174



57.9166, 0.3539, 0.3050



57.9166, 0.3052, 0.3838

Square

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



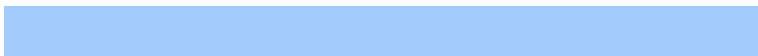
57.9166, 0.3539, 0.3050



57.9166, 0.3725, 0.3877



57.9166, 0.2715, 0.3537



57.9166, 0.2546, 0.2708

Rectangle

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



57.9166, 0.3539, 0.3050



57.9166, 0.3871, 0.3549



57.9166, 0.2715, 0.3537



57.9166, 0.2437, 0.2961

Sweetspot

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



57.9193, 0.3539, 0.3050



86.8170, 0.3223, 0.3225



56.4553, 0.2979, 0.2555



18.0855, 0.3242, 0.3212



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.9193, 0.3539, 0.3050



54.4301, 0.3643, 0.3004



61.8387, 0.3707, 0.3415



17.3193, 0.3242, 0.3212



11.1286, 0.5662, 0.2893



1.0494, 0.5327, 0.2708

Inverse Universe

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



57.9193, 0.3539, 0.3050



54.4301, 0.3643, 0.3004



78.7091, 0.2708, 0.3161



17.3193, 0.3242, 0.3212



11.1286, 0.5662, 0.2893



1.0494, 0.5327, 0.2708

Previews

White Background



This preview shows how the Yxy color 57.9166, 0.3539, 0.3050 looks on a white background.

Color Contrast Check

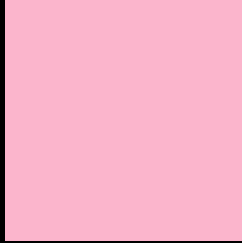
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 57.9166, 0.3539, 0.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

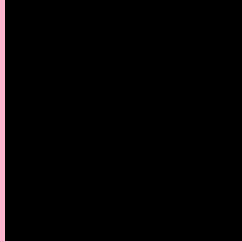
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9166, 0.3539, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 57.9166, 0.3539, 0.3050.



This preview shows how white text looks on a background with the Yxy color 57.9166, 0.3539, 0.3050.

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

57.9166, 0.3539, 0.3050

Protanopia

58.0325, 0.3021, 0.3102

Deuteranopia

57.9079, 0.3269, 0.3199



Tritanopia

57.7654, 0.3598, 0.3143

Trichromacy



Original Color

57.9166, 0.3539, 0.3050

Protanomaly

57.4625, 0.3202, 0.3075

Deuteranomaly

57.6959, 0.3366, 0.3136

Tritanomaly

57.9034, 0.3572, 0.3112

Monochromacy



Original Color

57.9166, 0.3539, 0.3050

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.4172, 0.3268, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9166, 0.3539, 0.3050 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(251, 181, 204)` looks like.

```
.text, #text, p{  
    color:rgb(251, 181, 204)  
}
```

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(251, 181, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 181, 204) }
```

Border

The CSS property to change the border of an element to Yxy 57.9166, 0.3539, 0.3050 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(251, 181, 204) }
```

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

```
.border{ border-color:rgb(251, 181, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 181, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 181, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 181, 204);  
box-shadow:4px 4px 4px 4px rgb(251, 181,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9166, 0.3539, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 181, 204) }
```

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

```
.background{ background-color: rgb(251,  
181, 204) }
```

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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