

Converting Colors

Yxy(50.7354, 0.3600, 0.2990)

Have a look what the booklet for
Yxy(50.7354, 0.3600, 0.2990)
contains.

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Color

Yxy(50.5800, 0.3607, 0.2989)

Conversions

Conversions Part 1

Format	Color
Hex	F5A6C2
RGB	245, 166, 194
RGB Percent	96%, 65%, 76%
CMY	0.0391, 0.3490, 0.2391
CMYK	0.00, 0.32, 0.21, 0.04
HSL	339°, 80%, 81%
HSV	339°, 32%, 96%
XYZ	61.0378, 50.5800, 57.6026
YIQ	192.8130, 38.0960, 25.4560

Conversions

Conversions Part 2

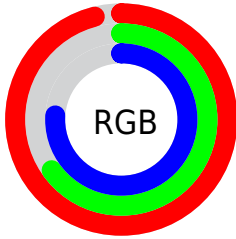
Format	Color
R _Y B	245, 166, 194
Decimal	16099010
CIE Lab	76.42, 33.00, -2.40
CIE LCh	76, 33.085, 355.834
Yxy	50.5800, 0.3607, 0.2989
Android (android.graphics.Color)	4294289090 (0xFFF5A6C2)
YUV	192.8130, 0.5852, 45.7680
Hunter-Lab	71.1196, 28.7368, 1.7624

Details

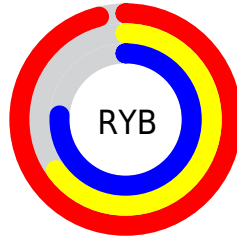
The Yxy color **50.5800, 0.3607, 0.2989** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **78.4320, 0.2808, 0.3616**, and the grayscale version is **53.1950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4047, 0.3175, 0.3017**, and **24.2685, 0.3739, 0.2915** is the 20% darker color. If you saturate the color by 10%, you get **41.8342, 0.3827, 0.2894**, and if you desaturate by 10%, it is **61.1029, 0.3424, 0.3086**.

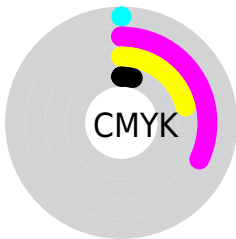
Distribution



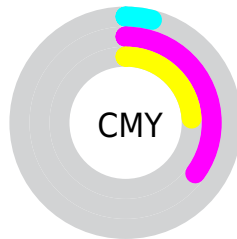
- Red (96%)
- Green (65%)
- Blue (76%)



- Red (96%)
- Yellow (65%)
- Blue (76%)



- Cyan (0%)
- Magenta (32%)
- Yellow (21%)
- Black (4%)




- Cyan (4%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5800, 0.3607, 0.2989 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 50.5800, 0.3607, 0.2989 by changing the saturation by 10% instead.


 50.5800, 0.3607,
0.2989

 50.5800, 0.3607,
0.2989


388.9298, 0.3371,
0.3136

 35.8745, 0.3664,
0.2954


 91.0336, 0.3522,
0.3041

 24.3373, 0.3737,
0.2909


 117.5505, 0.3490,
0.3061

 15.5840, 0.3833,
0.2850


148.7733, 0.3463,
0.3078

 9.2303, 0.3964,
0.2771

185.0864, 0.3440,
0.3093

 4.8917, 0.4155,
0.2657

226.8742, 0.3419,
0.3106

 2.1838, 0.4454,
0.2481

274.5211, 0.3401,

 0.7112, 0.5006,

0.3117

0.2148

328.4115, 0.3386,
0.3127

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.5800, 0.3607,
0.2989

50.5800, 0.3607,
0.2989

41.8342, 0.3827,
0.2894

61.1029, 0.3424,
0.3086

34.7594, 0.4087,
0.2809

73.4871, 0.3274,
0.3181

29.2492, 0.4386,
0.2743

87.8199, 0.3152,
0.3271

25.1817, 0.4714,
0.2709

98.1561, 0.3066,
0.3290

■ 22.4167, 0.5053,
0.2720

■ 20.7855, 0.5377,
0.2783

■ 20.1031, 0.5603,
0.2860

Harmonies

Analogous

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



50.5800, 0.3156, 0.2720



50.5800, 0.3607, 0.2989



50.5800, 0.3934, 0.3334

Triad

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



50.5800, 0.3607, 0.2989



50.5800, 0.3493, 0.4105



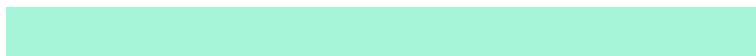
50.5800, 0.2303, 0.2797

Complementary

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



50.5800, 0.3607, 0.2989



78.4320, 0.2808, 0.3616

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.



50.5800, 0.2379, 0.3160



50.5800, 0.3607, 0.2989



50.5800, 0.3048, 0.3971

Square

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



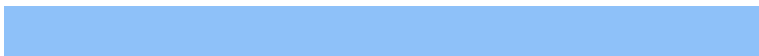
50.5800, 0.3607, 0.2989



50.5800, 0.3855, 0.3983



50.5800, 0.2644, 0.3605



50.5800, 0.2425, 0.2599

Rectangle

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



50.5800, 0.3607, 0.2989



50.5800, 0.4024, 0.3576



50.5800, 0.2644, 0.3605



50.5800, 0.2306, 0.2902

Sweetspot

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



50.5824, 0.3607, 0.2989



83.7810, 0.3245, 0.3201



48.4692, 0.2928, 0.2428



17.4822, 0.3263, 0.3189



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.



50.5824, 0.3607, 0.2989



48.6405, 0.3753, 0.2924



53.4278, 0.3837, 0.3407



16.5796, 0.3238, 0.3206



10.8518, 0.5560, 0.2837



0.9726, 0.5214, 0.2646

Inverse Universe

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



50.5824, 0.3607, 0.2989



48.6405, 0.3753, 0.2924



73.8212, 0.2651, 0.3168



16.5796, 0.3238, 0.3206



10.8518, 0.5560, 0.2837



0.9726, 0.5214, 0.2646

Previews

White Background



This preview shows how the Yxy color 50.5800, 0.3607, 0.2989 looks on a white background.

Color Contrast Check

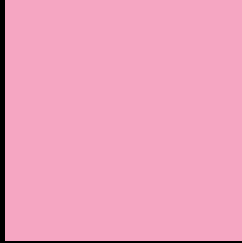
Large Text (above 18pt) WCAG AA × Fail

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 50.5800, 0.3607, 0.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

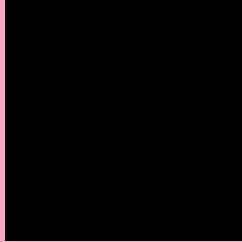
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5800, 0.3607, 0.2989

Background



This preview shows how black text looks on a background with the Yxy color 50.5800, 0.3607, 0.2989.



This preview shows how white text looks on a background with the Yxy color 50.5800, 0.3607, 0.2989.

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

50.5800, 0.3607, 0.2989

Protanopia

51.0362, 0.2978, 0.3055

Deuteranopia

50.7504, 0.3259, 0.3194



Tritanopia

50.5746, 0.3715, 0.3150

Trichromacy



Original Color

50.5800, 0.3607, 0.2989



Protanomaly

50.3167, 0.3190, 0.3029



Deuteranomaly

50.4657, 0.3381, 0.3116



Tritanomaly

50.4157, 0.3671, 0.3085

Monochromacy



Original Color

50.5800, 0.3607, 0.2989



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.7143, 0.3295, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5800, 0.3607, 0.2989 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(245, 166, 194)` looks like.

```
.text, #text, p{  
    color:rgb(245, 166, 194)  
}
```

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(245, 166, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 166, 194) }
```

Border

The CSS property to change the border of an element to Yxy 50.5800, 0.3607, 0.2989 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(245, 166, 194) }
```

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

```
.border{ border-color:rgb(245, 166, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 166, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 166, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 166, 194);  
box-shadow:4px 4px 4px 4px rgb(245, 166,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5800, 0.3607, 0.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 166, 194) }
```

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

```
.background{ background-color: rgb(245,  
166, 194) }
```

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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