

Converting Colors

$Y_{xy}(52.0729, 0.3578, 0.2965)$

Have a look what the booklet for
Yxy(52.0729, 0.3578, 0.2965)
contains.

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Color

Yxy(51.9029, 0.3575, 0.2960)

Conversions

Conversions Part 1

Format	Color
Hex	F7A8C7
RGB	247, 168, 199
RGB Percent	97%, 66%, 78%
CMY	0.0311, 0.3413, 0.2195
CMYK	0.00, 0.32, 0.19, 0.03
HSL	336°, 83%, 81%
HSV	336°, 32%, 97%
XYZ	62.6868, 51.9029, 60.7580
YIQ	195.1550, 37.1330, 26.3890

Conversions

Conversions Part 2

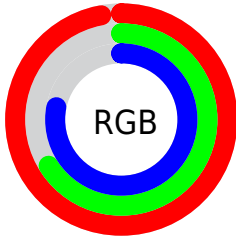
Format	Color
R _Y B	247, 168, 199
Decimal	16230599
CIE Lab	77.22, 33.40, -3.93
CIE LCh	77, 33.635, 353.295
Yxy	51.9029, 0.3575, 0.2960
Android (android.graphics.Color)	4294420679 (0xFFF7A8C7)
YUV	195.1550, 1.8956, 45.4681
Hunter-Lab	72.0437, 29.2404, 0.4284

Details

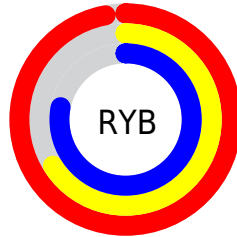
The Yxy color **51.9029, 0.3575, 0.2960** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **79.8398, 0.2826, 0.3649**, and the grayscale version is **54.6446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7913, 0.3141, 0.2989**, and **25.1246, 0.3692, 0.2878** is the 20% darker color. If you saturate the color by 10%, you get **42.9719, 0.3780, 0.2855**, and if you desaturate by 10%, it is **62.6403, 0.3404, 0.3067**.

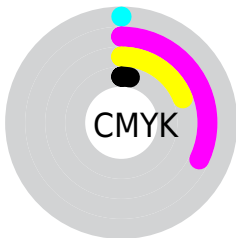
Distribution



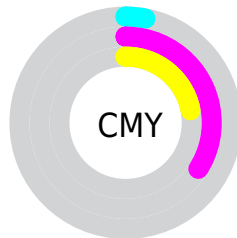
- Red (97%)
- Green (66%)
- Blue (78%)



- Red (97%)
- Yellow (66%)
- Blue (78%)



- Cyan (0%)
- Magenta (32%)
- Yellow (19%)
- Black (3%)





- Cyan (3%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.9029, 0.3575, 0.2960 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 51.9029, 0.3575, 0.2960 by changing the saturation by 10% instead.


 51.9029, 0.3575,
0.2960

 51.9029, 0.3575,
0.2960


394.0616, 0.3357,
0.3119

 36.9277, 0.3628,
0.2922


 92.9880, 0.3497,
0.3016

 25.1515, 0.3695,
0.2874


 119.8667, 0.3467,
0.3038

 16.1900, 0.3782,
0.2813


151.4820, 0.3442,
0.3056

 9.6587, 0.3901,
0.2729

188.2184, 0.3420,
0.3072

 5.1732, 0.4071,
0.2612

230.4601, 0.3401,
0.3086

 2.3493, 0.4336,
0.2432

278.5916, 0.3385,

 0.7996, 0.4805,

0.3098

0.2123

332.9973, 0.3370,
0.3109

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.9029, 0.3575,
0.2960

51.9029, 0.3575,
0.2960

42.9719, 0.3780,
0.2855

62.6403, 0.3404,
0.3067

35.7395, 0.4022,
0.2759

75.2694, 0.3263,
0.3172

30.0980, 0.4298,
0.2684

89.8788, 0.3148,
0.3271

25.9237, 0.4603,
0.2641

98.5253, 0.3078,
0.3290

■ 23.0746, 0.4920,
0.2644

■ 21.3799, 0.5227,
0.2701

■ 20.6481, 0.5453,
0.2778

Harmonies

Analogous

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



51.9029, 0.3117, 0.2699



51.9029, 0.3575, 0.2960



51.9029, 0.3921, 0.3303

Triad

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



51.9029, 0.3575, 0.2960



51.9029, 0.3531, 0.4110



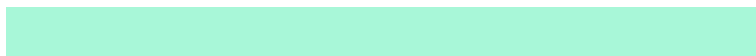
51.9029, 0.2296, 0.2818

Complementary

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



51.9029, 0.3575, 0.2960



79.8398, 0.2826, 0.3649

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.



51.9029, 0.2389, 0.3195



51.9029, 0.3575, 0.2960



51.9029, 0.3086, 0.3999

Square

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



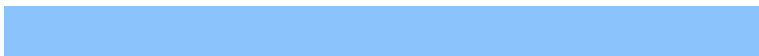
51.9029, 0.3575, 0.2960



51.9029, 0.3884, 0.3968



51.9029, 0.2670, 0.3645



51.9029, 0.2402, 0.2603

Rectangle

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



51.9029, 0.3575, 0.2960



51.9029, 0.4026, 0.3547



51.9029, 0.2670, 0.3645



51.9029, 0.2305, 0.2928

Sweetspot

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



51.9053, 0.3575, 0.2960



83.8379, 0.3238, 0.3192



49.2265, 0.2909, 0.2430



17.4959, 0.3256, 0.3178



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.



51.9053, 0.3575, 0.2960



49.7396, 0.3695, 0.2896



53.6161, 0.3840, 0.3378



16.5902, 0.3232, 0.3197



10.9399, 0.5410, 0.2754



0.9811, 0.5076, 0.2570

Inverse Universe

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



51.9053, 0.3575, 0.2960



49.7396, 0.3695, 0.2896



76.8636, 0.2658, 0.3200



16.5902, 0.3232, 0.3197



10.9399, 0.5410, 0.2754



0.9811, 0.5076, 0.2570

Previews

White Background



This preview shows how the Yxy color 51.9029, 0.3575, 0.2960 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 51.9029, 0.3575, 0.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

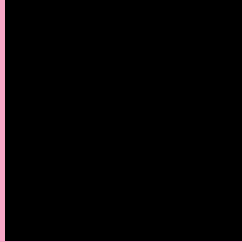
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9029, 0.3575, 0.2960

Background



This preview shows how black text looks on a background with the Yxy color 51.9029, 0.3575, 0.2960.

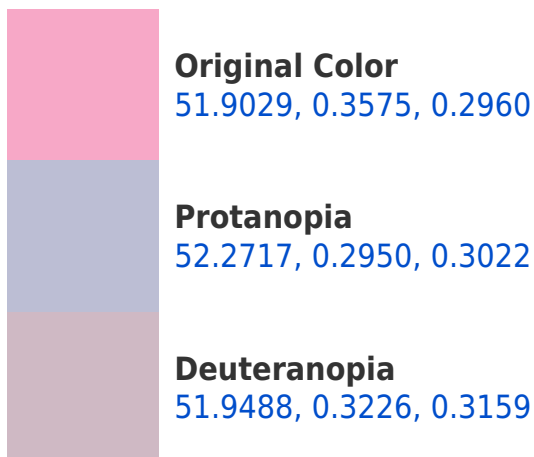


This preview shows how white text looks on a background with the Yxy color 51.9029, 0.3575, 0.2960.

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





Tritanopia

51.9990, 0.3688, 0.3151

Trichromacy



Original Color

51.9029, 0.3575, 0.2960



Protanomaly

51.5162, 0.3158, 0.2997



Deuteranomaly

51.8010, 0.3353, 0.3084



Tritanomaly

52.0164, 0.3653, 0.3087

Monochromacy



Original Color

51.9029, 0.3575, 0.2960



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.9796, 0.3285, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9029, 0.3575, 0.2960 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(247, 168, 199)` looks like.

```
.text, #text, p{  
    color:rgb(247, 168, 199)  
}
```

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(247, 168, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 168, 199) }
```

Border

The CSS property to change the border of an element to Yxy 51.9029, 0.3575, 0.2960 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(247, 168, 199) }
```

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

```
.border{ border-color:rgb(247, 168, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 168, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 168, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 168, 199);  
box-shadow:4px 4px 4px 4px rgb(247, 168,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9029, 0.3575, 0.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 168, 199) }
```

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

```
.background{ background-color: rgb(247,  
168, 199) }
```

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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