

Converting Colors

Yxy(51.4544, 0.3577, 0.2964)

Have a look what the booklet for
Yxy(51.4544, 0.3577, 0.2964)
contains.

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Color

Yxy(51.3075, 0.3577, 0.2959)

Conversions

Conversions Part 1

Format	Color
Hex	F6A7C6
RGB	246, 167, 198
RGB Percent	96%, 65%, 78%
CMY	0.0352, 0.3451, 0.2235
CMYK	0.00, 0.32, 0.20, 0.04
HSL	336°, 81%, 81%
HSV	336°, 32%, 96%
XYZ	62.0233, 51.3075, 60.0639
YIQ	194.1550, 37.1330, 26.3890

Conversions

Conversions Part 2

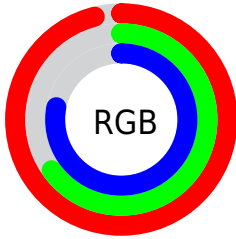
Format	Color
R _Y B	246, 167, 198
Decimal	16164806
CIE Lab	76.86, 33.41, -3.91
CIE LCh	77, 33.635, 353.316
Yxy	51.3075, 0.3577, 0.2959
Android (android.graphics.Color)	4294354886 (0xFFF6A7C6)
YUV	194.1550, 1.8956, 45.4681
Hunter-Lab	71.6293, 29.2108, 0.4235

Details

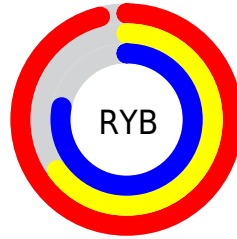
The Yxy color **51.3075, 0.3577, 0.2959** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **79.0453, 0.2825, 0.3650**, and the grayscale version is **54.0191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2554, 0.3142, 0.2980**, and **24.7396, 0.3696, 0.2876** is the 20% darker color. If you saturate the color by 10%, you get **42.4812, 0.3782, 0.2854**, and if you desaturate by 10%, it is **61.9211, 0.3406, 0.3066**.

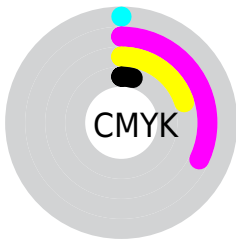
Distribution



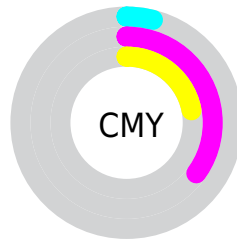
- Red (96%)
- Green (65%)
- Blue (78%)



- Red (96%)
- Yellow (65%)
- Blue (78%)



- Cyan (0%)
- Magenta (32%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3075, 0.3577, 0.2959 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 51.3075, 0.3577, 0.2959 by changing the saturation by 10% instead.


 51.3075, 0.3577,
0.2959


 51.3075, 0.3577,
0.2959


391.7573, 0.3357,
0.3119

 36.4534, 0.3630,
0.2921


 92.1091, 0.3498,
0.3016

 24.7846, 0.3698,
0.2873


 118.8255, 0.3469,
0.3037

 15.9166, 0.3786,
0.2810

150.2647, 0.3443,
0.3056

 9.4652, 0.3906,
0.2726

186.8111, 0.3421,
0.3072

 5.0458, 0.4079,
0.2607

228.8492, 0.3402,
0.3086

 2.2742, 0.4350,
0.2425

276.7633, 0.3385,

 0.7600, 0.4833,

0.3098

0.2102

330.9379, 0.3371,
0.3109

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.3075, 0.3577,
0.2959

51.3075, 0.3577,
0.2959

42.4812, 0.3782,
0.2854

61.9211, 0.3406,
0.3066

35.3357, 0.4024,
0.2759

74.4066, 0.3265,
0.3171

29.7638, 0.4301,
0.2684

88.8517, 0.3149,
0.3270

25.6434, 0.4606,
0.2641

98.3364, 0.3072,
0.3290

■ 22.8335, 0.4923,
0.2645

■ 21.1648, 0.5230,
0.2702

■ 20.4510, 0.5453,
0.2778

Harmonies

Analogous

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



51.3075, 0.3117, 0.2697



51.3075, 0.3577, 0.2959



51.3075, 0.3924, 0.3303

Triad

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



51.3075, 0.3577, 0.2959



51.3075, 0.3532, 0.4113



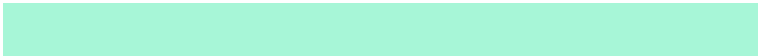
51.3075, 0.2293, 0.2816

Complementary

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



51.3075, 0.3577, 0.2959



79.0453, 0.2825, 0.3650

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.



51.3075, 0.2386, 0.3194



51.3075, 0.3577, 0.2959



51.3075, 0.3085, 0.4001

Square

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



51.3075, 0.3577, 0.2959



51.3075, 0.3886, 0.3971



51.3075, 0.2668, 0.3646



51.3075, 0.2400, 0.2601

Rectangle

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



51.3075, 0.3577, 0.2959



51.3075, 0.4030, 0.3548



51.3075, 0.2668, 0.3646



51.3075, 0.2302, 0.2926

Sweetspot

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



51.3099, 0.3577, 0.2959



83.8377, 0.3238, 0.3192



48.6489, 0.2908, 0.2427



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.



51.3099, 0.3577, 0.2959



48.8072, 0.3716, 0.2885



53.0067, 0.3843, 0.3378



16.5902, 0.3232, 0.3197



10.9396, 0.5410, 0.2754



0.9811, 0.5076, 0.2570

Inverse Universe

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



51.3099, 0.3577, 0.2959



48.8072, 0.3716, 0.2885



76.0875, 0.2657, 0.3199



16.5902, 0.3232, 0.3197



10.9396, 0.5410, 0.2754



0.9811, 0.5076, 0.2570

Previews

White Background



This preview shows how the Yxy color 51.3075, 0.3577, 0.2959 looks on a white background.

Color Contrast Check

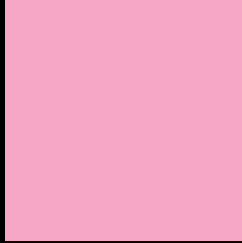
Large Text (above 18pt) WCAG AA × Fail

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 51.3075, 0.3577, 0.2959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

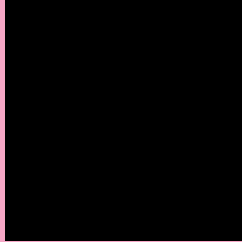
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3075, 0.3577, 0.2959

Background



This preview shows how black text looks on a background with the Yxy color 51.3075, 0.3577, 0.2959.



This preview shows how white text looks on a background with the Yxy color 51.3075, 0.3577, 0.2959.

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

51.3075, 0.3577, 0.2959

Protanopia

51.6631, 0.2949, 0.3020

Deuteranopia

51.3429, 0.3226, 0.3158



Tritanopia

51.4014, 0.3691, 0.3150

Trichromacy



Original Color

51.3075, 0.3577, 0.2959



Protanomaly

50.9139, 0.3158, 0.2995



Deuteranomaly

51.1985, 0.3354, 0.3083



Tritanomaly

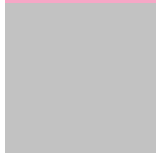
51.4193, 0.3656, 0.3086

Monochromacy



Original Color

51.3075, 0.3577, 0.2959



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.3672, 0.3286, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3075, 0.3577, 0.2959 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(246, 167, 198)` looks like.

```
.text, #text, p{  
    color:rgb(246, 167, 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(246, 167, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 167, 198) }
```

Border

The CSS property to change the border of an element to Yxy 51.3075, 0.3577, 0.2959 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(246, 167, 198) }
```

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

```
.border{ border-color:rgb(246, 167, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 167, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 167, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 167, 198);  
box-shadow:4px 4px 4px 4px rgb(246, 167,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3075, 0.3577, 0.2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 167, 198) }
```

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

```
.background{ background-color: rgb(246,  
167, 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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