

Converting Colors

$Yxy(57.1197, 0.3429, 0.2882)$

Have a look what the booklet for
Yxy(57.1197, 0.3429, 0.2882)
contains.

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Color

Yxy(57.1745, 0.3425, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	FAB2D9
RGB	250, 178, 217
RGB Percent	98%, 70%, 85%
CMY	0.0196, 0.3020, 0.1489
CMYK	0.00, 0.29, 0.13, 0.02
HSL	327°, 88%, 84%
HSV	327°, 29%, 98%
XYZ	67.8761, 57.1745, 73.1279
YIQ	203.9740, 30.3930, 27.3930

Conversions

Conversions Part 2

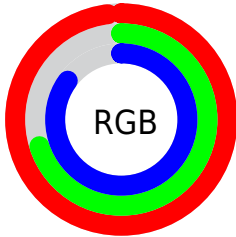
Format	Color
R_{YB}	250, 178, 217
Decimal	16429785
CIE Lab	80.28, 31.93, -9.15
CIE LCh	80, 33.216, 344.007
Yxy	57.1745, 0.3425, 0.2885
Android (android.graphics.Color)	4294619865 (0xFF FAB2D9)
YUV	203.9740, 6.4218, 40.3648
Hunter-Lab	75.6138, 27.9096, -4.4111

Details

The Yxy color **57.1745, 0.3425, 0.2885** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.5459, 0.2910, 0.3735**, and the grayscale version is **60.3132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **28.6133, 0.3505, 0.2798** is the 20% darker color. If you saturate the color by 10%, you get **47.5433, 0.3568, 0.2740**, and if you desaturate by 10%, it is **68.6652, 0.3304, 0.3030**.

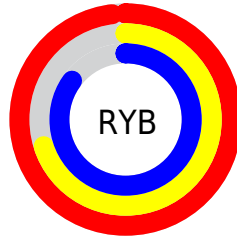
Distribution



Red (98%)

Green (70%)

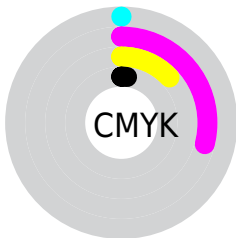
Blue (85%)



Red (98%)

Yellow (70%)

Blue (85%)

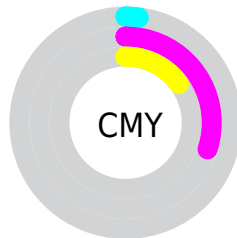


Cyan (0%)

Magenta (29%)

Yellow (13%)

Black (2%)



Cyan (2%)


Magenta (30%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1745, 0.3425, 0.2885 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 57.1745, 0.3425, 0.2885 by changing the saturation by 10% instead.

 57.1745, 0.3425,
0.2885

 57.1745, 0.3425,
0.2885


414.1029, 0.3284,
0.3074

 41.1454, 0.3458,
0.2841


 100.7198, 0.3376,
0.2951

 28.4327, 0.3499,
0.2787


129.0047, 0.3357,
0.2976

 18.6521, 0.3551,
0.2719

162.1436, 0.3340,
0.2998

 11.4191, 0.3621,
0.2629

200.5210, 0.3326,
0.3017

 6.3495, 0.3717,
0.2505

244.5212, 0.3314,
0.3034

 3.0587, 0.3860,
0.2326

294.5287, 0.3303,

 1.1625, 0.4092,

0.3049

0.2044

350.9278, 0.3293,
0.3062

0.0307, 0.5346,
0.0203

0.0000, 0.0000,
0.0000

57.1745, 0.3425,
0.2885

57.1745, 0.3425,
0.2885

47.5433, 0.3568,
0.2740

68.6652, 0.3304,
0.3030

39.6643, 0.3735,
0.2604

82.0995, 0.3202,
0.3172

33.4313, 0.3924,
0.2485

97.5658, 0.3118,
0.3306

28.7234, 0.4133,
0.2397

99.0665, 0.3096,
0.3290

■ 25.4026, 0.4354,
0.2352

■ 23.3055, 0.4577,
0.2359

■ 22.1946, 0.4792,
0.2419

■ 22.0908, 0.4817,
0.2427

Harmonies

Analogous

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



57.1745, 0.2983, 0.2668



57.1745, 0.3425, 0.2885



57.1745, 0.3803, 0.3197

Triad

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



57.1745, 0.3425, 0.2885



57.1745, 0.3634, 0.4055



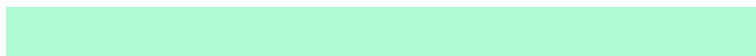
57.1745, 0.2337, 0.2937

Complementary

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



57.1745, 0.3425, 0.2885



82.5459, 0.2910, 0.3735

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.



57.1745, 0.2485, 0.3333



57.1745, 0.3425, 0.2885



57.1745, 0.3223, 0.4026

Square

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



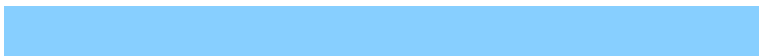
57.1745, 0.3425, 0.2885



57.1745, 0.3920, 0.3863



57.1745, 0.2804, 0.3751



57.1745, 0.2380, 0.2678

Rectangle

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



57.1745, 0.3425, 0.2885



57.1745, 0.3953, 0.3430



57.1745, 0.2804, 0.3751



57.1745, 0.2365, 0.3058

Sweetspot

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



57.1771, 0.3425, 0.2885



85.5629, 0.3204, 0.3169



52.5029, 0.2854, 0.2502



17.8494, 0.3218, 0.3149



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.



57.1771, 0.3425, 0.2885



53.3034, 0.3512, 0.2794



55.5262, 0.3735, 0.3253



17.3826, 0.3209, 0.3162



11.7456, 0.4784, 0.2409



1.1093, 0.4544, 0.2277

Inverse Universe

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



57.1771, 0.3425, 0.2885



53.3034, 0.3512, 0.2794



84.5233, 0.2727, 0.3328



17.3826, 0.3209, 0.3162



11.7456, 0.4784, 0.2409



1.1093, 0.4544, 0.2277

Previews

White Background



This preview shows how the Yxy color 57.1745, 0.3425, 0.2885 looks on a white background.

Color Contrast Check

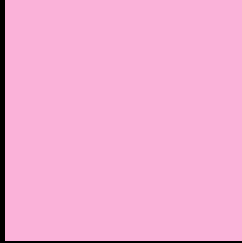
Large Text (above 18pt) WCAG AA × Fail

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 57.1745, 0.3425, 0.2885 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 57.1745, 0.3425, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 57.1745, 0.3425, 0.2885.



This preview shows how white text looks on a background with the Yxy color 57.1745, 0.3425, 0.2885.

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

57.1745, 0.3425, 0.2885

Protanopia

57.5707, 0.2875, 0.2918

Deuteranopia

57.4357, 0.3122, 0.3061



Tritanopia

57.2156, 0.3572, 0.3142

Trichromacy



Original Color

57.1745, 0.3425, 0.2885



Protanomaly

56.9940, 0.3058, 0.2908



Deuteranomaly

57.0415, 0.3231, 0.2991



Tritanomaly

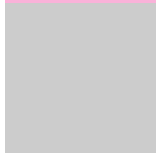
57.3638, 0.3514, 0.3048

Monochromacy



Original Color

57.1745, 0.3425, 0.2885



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

59.0058, 0.3230, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1745, 0.3425, 0.2885 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(250, 178, 217)` looks like.

```
.text, #text, p{  
    color:rgb(250, 178, 217)  
}
```

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(250, 178, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 178, 217) }
```

Border

The CSS property to change the border of an element to Yxy 57.1745, 0.3425, 0.2885 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(250, 178, 217) }
```

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

```
.border{ border-color:rgb(250, 178, 217) }
```

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

Here you see how a box with a 4 pixel rgb(250, 178, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 178, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 178, 217);  
box-shadow:4px 4px 4px 4px rgb(250, 178,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1745, 0.3425, 0.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 178, 217) }
```

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

```
.background{ background-color: rgb(250,  
178, 217) }
```

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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