

Converting Colors

Yxy(57.4246, 0.3568, 0.3034)

Have a look what the booklet for
Yxy(57.4246, 0.3568, 0.3034)
contains.

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Color

Yxy(57.4346, 0.3569, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	FDB3CB
RGB	253, 179, 203
RGB Percent	99%, 70%, 80%
CMY	0.0078, 0.2980, 0.2040
CMYK	0.00, 0.29, 0.20, 0.01
HSL	341°, 95%, 85%
HSV	341°, 29%, 99%
XYZ	67.4068, 57.4346, 64.0261
YIQ	203.8620, 36.4000, 23.1520

Conversions

Conversions Part 2

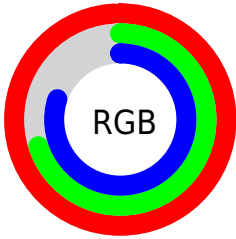
Format	Color
R _Y B	253, 179, 203
Decimal	16626635
CIE Lab	80.42, 30.27, -1.31
CIE LCh	80, 30.297, 357.523
Yxy	57.4346, 0.3569, 0.3041
Android (android.graphics.Color)	4294816715 (0xFFFD B3CB)
YUV	203.8620, -0.4250, 43.0940
Hunter-Lab	75.7856, 26.1403, 2.9599

Details

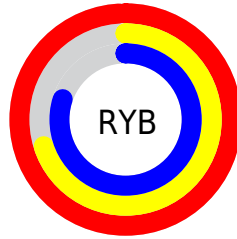
The Yxy color **57.4346, 0.3569, 0.3041** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.4944, 0.2823, 0.3556**, and the grayscale version is **60.2788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **28.6937, 0.3679, 0.2983** is the 20% darker color. If you saturate the color by 10%, you get **47.4380, 0.3789, 0.2953**, and if you desaturate by 10%, it is **69.3869, 0.3388, 0.3130**.

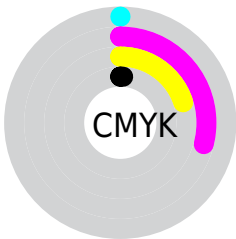
Distribution



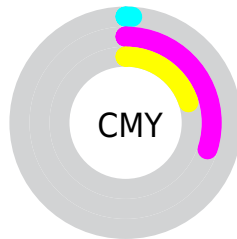
- Red (99%)
- Green (70%)
- Blue (80%)



- Red (99%)
- Yellow (70%)
- Blue (80%)



- Cyan (0%)
- Magenta (29%)
- Yellow (20%)
- Black (1%)




- Cyan (1%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4346, 0.3569, 0.3041 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 57.4346, 0.3569, 0.3041 by changing the saturation by 10% instead.


 57.4346, 0.3569,
0.3041

 57.4346, 0.3569,
0.3041

415.0758, 0.3356,
0.3160

 41.3543, 0.3620,
0.3013


 101.0990, 0.3493,
0.3083

 28.5960, 0.3684,
0.2977


129.4520, 0.3465,
0.3099

 18.7754, 0.3766,
0.2931


162.6645, 0.3440,
0.3113

 11.5081, 0.3878,
0.2870

201.1211, 0.3419,
0.3125

 6.4097, 0.4036,
0.2783

245.2061, 0.3400,
0.3136

 3.0958, 0.4277,
0.2652

295.3040, 0.3384,

 1.1819, 0.4686,

0.3145

0.2431

351.7991, 0.3369,
0.3153

0.0469, 0.8053,
0.0482

0.0000, 0.0000,
0.0000

57.4346, 0.3569,
0.3041

57.4346, 0.3569,
0.3041

47.4380, 0.3789,
0.2953

69.3869, 0.3388,
0.3130

39.2843, 0.4051,
0.2872

83.3838, 0.3240,
0.3215

32.8615, 0.4356,
0.2806

99.5183, 0.3119,
0.3296

28.0420, 0.4696,
0.2769

99.6230, 0.3115,
0.3290

■ 24.6803, 0.5053,
0.2771

■ 22.6040, 0.5398,
0.2823

■ 21.5534, 0.5702,
0.2919

■ 21.4922, 0.5723,
0.2926

Harmonies

Analogous

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



57.4346, 0.3178, 0.2795



57.4346, 0.3569, 0.3041



57.4346, 0.3845, 0.3352

Triad

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



57.4346, 0.3569, 0.3041



57.4346, 0.3432, 0.4001



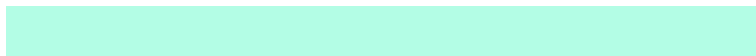
57.4346, 0.2399, 0.2845

Complementary

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



57.4346, 0.3569, 0.3041



85.4944, 0.2823, 0.3556

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.



57.4346, 0.2457, 0.3159



57.4346, 0.3569, 0.3041



57.4346, 0.3039, 0.3868

Square

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



57.4346, 0.3569, 0.3041



57.4346, 0.3755, 0.3913



57.4346, 0.2686, 0.3545



57.4346, 0.2517, 0.2674

Rectangle

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



57.4346, 0.3569, 0.3041



57.4346, 0.3915, 0.3566



57.4346, 0.2686, 0.3545



57.4346, 0.2398, 0.2936

Sweetspot

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



57.4373, 0.3569, 0.3041



85.2623, 0.3236, 0.3217



55.8841, 0.2970, 0.2516



17.7755, 0.3256, 0.3205



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.



57.4373, 0.3569, 0.3041



52.3672, 0.3691, 0.2990



61.5477, 0.3744, 0.3422



18.0841, 0.3243, 0.3213



11.4565, 0.5681, 0.2903



1.1345, 0.5362, 0.2728

Inverse Universe

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



57.4373, 0.3569, 0.3041



52.3672, 0.3691, 0.2990



79.3915, 0.2688, 0.3153



18.0841, 0.3243, 0.3213



11.4565, 0.5681, 0.2903



1.1345, 0.5362, 0.2728

Previews

White Background



This preview shows how the Yxy color 57.4346, 0.3569, 0.3041 looks on a white background.

Color Contrast Check

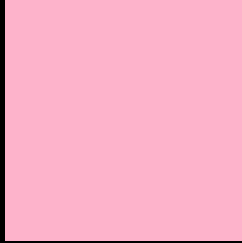
Large Text (above 18pt) WCAG AA × Fail

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 57.4346, 0.3569, 0.3041 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 57.4346, 0.3569, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 57.4346, 0.3569, 0.3041.



This preview shows how white text looks on a background with the Yxy color 57.4346, 0.3569, 0.3041.

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

57.4346, 0.3569, 0.3041

Protanopia

57.8953, 0.3013, 0.3102

Deuteranopia

57.8138, 0.3284, 0.3222



Tritanopia

57.2330, 0.3637, 0.3144

Trichromacy



Original Color

57.4346, 0.3569, 0.3041



Protanomaly

57.4625, 0.3202, 0.3075



Deuteranomaly

57.6012, 0.3382, 0.3158



Tritanomaly

57.3692, 0.3611, 0.3113

Monochromacy



Original Color

57.4346, 0.3569, 0.3041



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.9194, 0.3276, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4346, 0.3569, 0.3041 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(253, 179, 203)` looks like.

```
.text, #text, p{  
    color:rgb(253, 179, 203)  
}
```

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(253, 179, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 179, 203) }
```

Border

The CSS property to change the border of an element to Yxy 57.4346, 0.3569, 0.3041 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(253, 179, 203) }
```

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

```
.border{ border-color:rgb(253, 179, 203) }
```

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

Here you see how a box with a 4 pixel rgb(253, 179, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 179, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 179, 203);  
box-shadow:4px 4px 4px 4px rgb(253, 179,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4346, 0.3569, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 179, 203) }
```

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

```
.background{ background-color: rgb(253,  
179, 203) }
```

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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