

Converting Colors

Yxy(57.8848, 0.3558, 0.3041)

Have a look what the booklet for
Yxy(57.8848, 0.3558, 0.3041)
contains.

Yxy(57.8848, 0.3558, 0.3041)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(57.8848, 0.3558, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	FDB4CC
RGB	253, 180, 204
RGB Percent	99%, 71%, 80%
CMY	0.0079, 0.2941, 0.2000
CMYK	0.00, 0.29, 0.19, 0.01
HSL	340°, 95%, 85%
HSV	340°, 29%, 99%
XYZ	67.7258, 57.8848, 64.7373
YIQ	204.5630, 35.8040, 22.9400

Conversions

Conversions Part 2

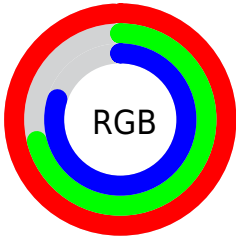
Format	Color
R _Y B	253, 180, 204
Decimal	16626892
CIE Lab	80.67, 29.89, -1.49
CIE LCh	81, 29.926, 357.137
Yxy	57.8848, 0.3558, 0.3041
Android (android.graphics.Color)	4294816972 (0xFFFD4CC)
YUV	204.5630, -0.2776, 42.4792
Hunter-Lab	76.0821, 25.7513, 2.8083

Details

The Yxy color **57.8848, 0.3558, 0.3041** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.6034, 0.2828, 0.3556**, and the grayscale version is **60.7450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **28.7258, 0.3667, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **47.8166, 0.3775, 0.2952**, and if you desaturate by 10%, it is **69.9112, 0.3379, 0.3131**.

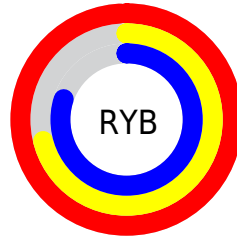
Distribution



Red (99%)

Green (71%)

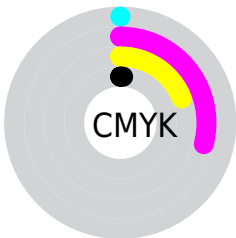
Blue (80%)



Red (99%)

Yellow (71%)

Blue (80%)

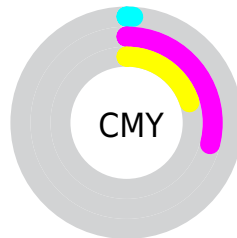


Cyan (0%)

Magenta (29%)

Yellow (19%)

Black (1%)



Cyan (1%)


Magenta (29%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8848, 0.3558, 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 57.8848, 0.3558, 0.3041 by changing the saturation by 10% instead.


 57.8848, 0.3558,
0.3041

 57.8848, 0.3558,
0.3041


416.7565, 0.3351,
0.3160

 41.7160, 0.3607,
0.3013


 101.7551, 0.3485,
0.3083

 28.8790, 0.3669,
0.2977


130.2254, 0.3456,
0.3099

 18.9893, 0.3750,
0.2932


163.5650, 0.3432,
0.3113

 11.6626, 0.3858,
0.2871

202.1583, 0.3412,
0.3125

 6.5143, 0.4011,
0.2785

246.3898, 0.3394,
0.3135

 3.1603, 0.4243,
0.2655

296.6437, 0.3378,


 1.2160, 0.4637,


0.3145


0.2439


353.3045, 0.3364,
0.3153


 0.0747, 0.7545,
0.0704


 0.0000, 0.0000,
0.0000


 57.8848, 0.3558,
0.3041


 57.8848, 0.3558,
0.3041

 47.8166, 0.3775,
0.2952


 69.9112, 0.3379,
0.3131

 39.5944, 0.4033,
0.2869

 83.9844, 0.3234,
0.3218

 33.1065, 0.4334,
0.2801

99.6168, 0.3115,
0.3290

 28.2262, 0.4670,
0.2761

99.6202, 0.3115,
0.3290

■ 24.8087, 0.5024,
0.2761

■ 22.6833, 0.5368,
0.2810

■ 21.6021, 0.5673,
0.2905

■ 21.5080, 0.5706,
0.2917

Harmonies

Analogous

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



57.8848, 0.3172, 0.2799



57.8848, 0.3558, 0.3041



57.8848, 0.3832, 0.3348

Triad

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



57.8848, 0.3558, 0.3041



57.8848, 0.3432, 0.3990



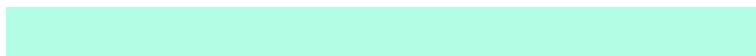
57.8848, 0.2408, 0.2855

Complementary

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



57.8848, 0.3558, 0.3041



85.6034, 0.2828, 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.



57.8848, 0.2468, 0.3166



57.8848, 0.3558, 0.3041



57.8848, 0.3046, 0.3862

Square

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



57.8848, 0.3558, 0.3041



57.8848, 0.3749, 0.3902



57.8848, 0.2696, 0.3546



57.8848, 0.2523, 0.2684

Rectangle

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



57.8848, 0.3558, 0.3041



57.8848, 0.3903, 0.3559



57.8848, 0.2696, 0.3546



57.8848, 0.2409, 0.2945

Sweetspot

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



57.8875, 0.3558, 0.3041



85.2688, 0.3236, 0.3216



56.3405, 0.2973, 0.2528



17.7771, 0.3255, 0.3204



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.



57.8875, 0.3558, 0.3041



52.3865, 0.3687, 0.2985



61.9516, 0.3733, 0.3420



18.0856, 0.3242, 0.3212



11.4666, 0.5663, 0.2894



1.1356, 0.5345, 0.2718

Inverse Universe

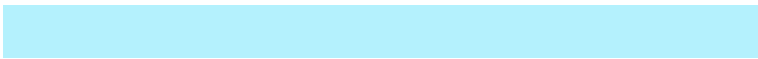
The Inverse Universe completely reimagines the original color for something new.



57.8875, 0.3558, 0.3041



52.3865, 0.3687, 0.2985



79.6024, 0.2694, 0.3156



18.0856, 0.3242, 0.3212



11.4666, 0.5663, 0.2894



1.1356, 0.5345, 0.2718

Previews

White Background



This preview shows how the Yxy color 57.8848, 0.3558, 0.3041 looks on a white background.

Color Contrast Check

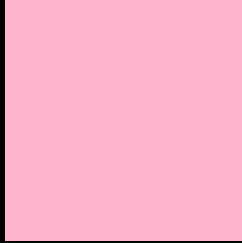
Large Text (above 18pt) WCAG AA × Fail

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 57.8848, 0.3558, 0.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

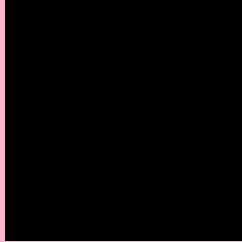
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8848, 0.3558, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 57.8848, 0.3558, 0.3041.



This preview shows how white text looks on a background with the Yxy color 57.8848, 0.3558, 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

57.8848, 0.3558, 0.3041

Protanopia

58.0841, 0.3014, 0.3091

Deuteranopia

57.8607, 0.3276, 0.3211



Tritanopia

57.6833, 0.3626, 0.3144

Trichromacy



Original Color

57.8848, 0.3558, 0.3041



Protanomaly

57.5128, 0.3194, 0.3064



Deuteranomaly

57.6484, 0.3374, 0.3147



Tritanomaly

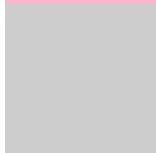
57.8204, 0.3600, 0.3113

Monochromacy



Original Color

57.8848, 0.3558, 0.3041



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.4172, 0.3268, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8848, 0.3558, 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, 180, 204)` looks like.

```
.text, #text, p{  
    color:rgb(253, 180, 204)  
}
```

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, 180, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 180, 204) }
```

Border

The CSS property to change the border of an element to Yxy 57.8848, 0.3558, 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, 180, 204) }
```

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

```
.border{ border-color:rgb(253, 180, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 180, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 180, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 180, 204);  
box-shadow:4px 4px 4px 4px rgb(253, 180,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8848, 0.3558, 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, 180, 204) }
```

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

```
.background{ background-color: rgb(253,  
180, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor