

Converting Colors

$Y_{xy}(57.6222, 0.3589, 0.3040)$

Have a look what the booklet for
Yxy(57.6222, 0.3589, 0.3040)
contains.

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Color

Yxy(57.8120, 0.3586, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3CB
RGB	255, 179, 203
RGB Percent	100%, 70%, 80%
CMY	0.0000, 0.2981, 0.2038
CMYK	0.00, 0.30, 0.20, 0.00
HSL	341°, 100%, 85%
HSV	341°, 30%, 100%
XYZ	68.1505, 57.8120, 64.0835
YIQ	204.4600, 37.5920, 23.5760

Conversions

Conversions Part 2

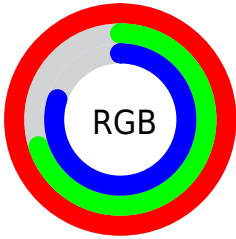
Format	Color
R _Y B	255, 179, 203
Decimal	16757707
CIE Lab	80.63, 30.99, -1.00
CIE LCh	81, 31.011, 358.159
Yxy	57.8120, 0.3586, 0.3042
Android (android.graphics.Color)	4294947787 (0xFFFFB3CB)
YUV	204.4600, -0.7198, 44.3236
Hunter-Lab	76.0342, 26.9322, 3.2529

Details

The Yxy color **57.8120, 0.3586, 0.3042** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.8696, 0.2814, 0.3555**, and the grayscale version is **60.6732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **28.7075, 0.3705, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **47.7306, 0.3811, 0.2956**, and if you desaturate by 10%, it is **69.8703, 0.3400, 0.3129**.

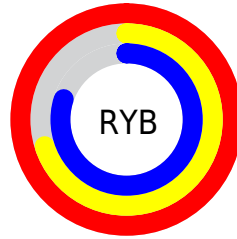
Distribution



Red (100%)

Green (70%)

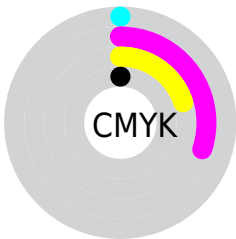
Blue (80%)



Red (100%)

Yellow (70%)

Blue (80%)

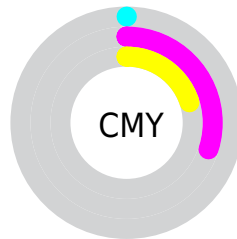


Cyan (0%)

Magenta (30%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8120, 0.3586, 0.3042 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 57.8120, 0.3586, 0.3042 by changing the saturation by 10% instead.


 57.8120, 0.3586,
0.3042

 57.8120, 0.3586,
0.3042

416.4850, 0.3365,
0.3161

 41.6575, 0.3639,
0.3014


 101.6490, 0.3508,
0.3084

 28.8332, 0.3705,
0.2978


130.1004, 0.3478,
0.3100

 18.9547, 0.3791,
0.2933

163.4195, 0.3452,
0.3114

 11.6375, 0.3906,
0.2871

201.9907, 0.3430,
0.3126

 6.4974, 0.4069,
0.2785

246.1985, 0.3411,
0.3136

 3.1498, 0.4318,
0.2654

296.4272, 0.3394,

 1.2104, 0.4739,

0.3146

0.2434

353.0613, 0.3379,
0.3154

0.0702, 0.7919,
0.0675

0.0000, 0.0000,
0.0000

57.8120, 0.3586,
0.3042

57.8120, 0.3586,
0.3042

47.7306, 0.3811,
0.2956

69.8703, 0.3400,
0.3129

39.5284, 0.4080,
0.2878

84.0144, 0.3248,
0.3213

33.0844, 0.4391,
0.2815

100.0000, 0.3127,
0.3290

28.2675, 0.4738,
0.2782

■ 24.9281, 0.5099,
0.2788

■ 22.8880, 0.5446,
0.2844

■ 21.8644, 0.5748,
0.2941

■ 21.8488, 0.5753,
0.2943

Harmonies

Analogous

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



57.8120, 0.3187, 0.2790



57.8120, 0.3586, 0.3042



57.8120, 0.3864, 0.3360

Triad

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



57.8120, 0.3586, 0.3042



57.8120, 0.3429, 0.4017



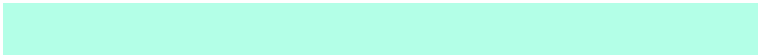
57.8120, 0.2385, 0.2830

Complementary

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



57.8120, 0.3586, 0.3042



86.8696, 0.2814, 0.3555

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.



57.8120, 0.2440, 0.3148



57.8120, 0.3586, 0.3042



57.8120, 0.3028, 0.3876

Square

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



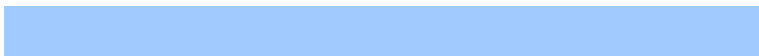
57.8120, 0.3586, 0.3042



57.8120, 0.3762, 0.3930



57.8120, 0.2670, 0.3542



57.8120, 0.2510, 0.2659

Rectangle

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



57.8120, 0.3586, 0.3042



57.8120, 0.3933, 0.3578



57.8120, 0.2670, 0.3542



57.8120, 0.2383, 0.2921

Sweetspot

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



57.8088, 0.3586, 0.3042



85.2516, 0.3237, 0.3219



56.4329, 0.2976, 0.2503



17.7729, 0.3257, 0.3207



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.



57.8088, 0.3586, 0.3042



51.3416, 0.3720, 0.2988



62.6206, 0.3756, 0.3437



18.0817, 0.3244, 0.3215



11.4402, 0.5710, 0.2919



1.1327, 0.5390, 0.2743

Inverse Universe

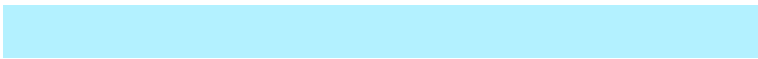
The Inverse Universe completely reimagines the original color for something new.



57.8088, 0.3586, 0.3042



51.3416, 0.3720, 0.2988



79.7512, 0.2679, 0.3136



18.0817, 0.3244, 0.3215



11.4402, 0.5710, 0.2919



1.1327, 0.5390, 0.2743

Previews

White Background



This preview shows how the Yxy color 57.8120, 0.3586, 0.3042 looks on a white background.

Color Contrast Check

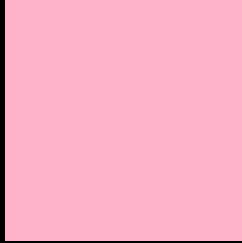
Large Text (above 18pt) WCAG AA × Fail

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 57.8120, 0.3586, 0.3042 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 57.8120, 0.3586, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 57.8120, 0.3586, 0.3042.



This preview shows how white text looks on a background with the Yxy color 57.8120, 0.3586, 0.3042.

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

57.8120, 0.3586, 0.3042

Protanopia

58.0325, 0.3021, 0.3102

Deuteranopia

57.9693, 0.3292, 0.3222



Tritanopia

57.6084, 0.3654, 0.3145

Trichromacy



Original Color

57.8120, 0.3586, 0.3042



Protanomaly

57.6181, 0.3210, 0.3076



Deuteranomaly

57.9359, 0.3399, 0.3158



Tritanomaly

57.7446, 0.3628, 0.3114

Monochromacy



Original Color

57.8120, 0.3586, 0.3042



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

59.0778, 0.3285, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8120, 0.3586, 0.3042 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(255, 179, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 179, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 203) }
```

Border

The CSS property to change the border of an element to Yxy 57.8120, 0.3586, 0.3042 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(255, 179, 203) }
```

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

```
.border{ border-color:rgb(255, 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(255, 179, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8120, 0.3586, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 203) }
```

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

```
.background{ background-color: rgb(255,  
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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