

Converting Colors

$Y_{xy}(57.7701, 0.3558, 0.3004)$

Have a look what the booklet for
Yxy(57.7701, 0.3558, 0.3004)
contains.

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Color

Yxy(57.9564, 0.3560, 0.3012)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3CE
RGB	255, 179, 206
RGB Percent	100%, 70%, 81%
CMY	0.0000, 0.2980, 0.1922
CMYK	0.00, 0.30, 0.19, 0.00
HSL	339°, 100%, 85%
HSV	339°, 30%, 100%
XYZ	68.5009, 57.9564, 65.9610
YIQ	204.8020, 36.6290, 24.5090

Conversions

Conversions Part 2

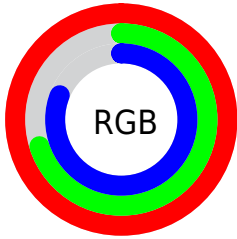
Format	Color
R_{YB}	255, 179, 206
Decimal	16757710
CIE _{Lab}	80.71, 31.41, -2.48
CIE _{LCh}	81, 31.511, 355.488
Yxy	57.9564, 0.3560, 0.3012
Android (android.graphics.Color)	4294947790 (0xFFFFB3CE)
YUV	204.8020, 0.5906, 44.0236
Hunter-Lab	76.1291, 27.3883, 1.9194

Details

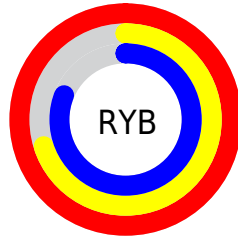
The Yxy color **57.9564, 0.3560, 0.3012** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86.7067, 0.2829, 0.3589**, and the grayscale version is **60.8970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **28.8045, 0.3669, 0.2933** is the 20% darker color. If you saturate the color by 10%, you get **47.9059, 0.3771, 0.2916**, and if you desaturate by 10%, it is **69.9835, 0.3385, 0.3109**.

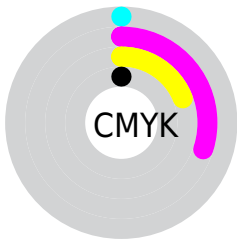
Distribution



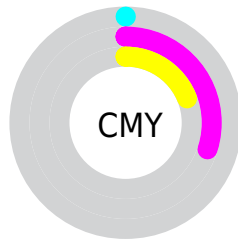
- Red (100%)
- Green (70%)
- Blue (81%)



- Red (100%)
- Yellow (70%)
- Blue (81%)



- Cyan (0%)
- Magenta (30%)
- Yellow (19%)
- Black (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9564, 0.3560, 0.3012 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 57.9564, 0.3560, 0.3012 by changing the saturation by 10% instead.


 57.9564, 0.3560,
0.3012

 57.9564, 0.3560,
0.3012


417.0235, 0.3352,
0.3144

 41.7736, 0.3609,
0.2981

 101.8594, 0.3486,
0.3059

 28.9241, 0.3671,
0.2942


130.3483, 0.3458,
0.3077

 19.0234, 0.3751,
0.2892


163.7081, 0.3434,
0.3092

 11.6872, 0.3859,
0.2825

202.3231, 0.3413,
0.3105

 6.5310, 0.4011,
0.2732

246.5778, 0.3395,
0.3117

 3.1706, 0.4241,
0.2592

296.8565, 0.3379,

 1.2214, 0.4629,

0.3127

0.2362

353.5435, 0.3365,
0.3136

0.0791, 0.7132,
0.0670

0.0000, 0.0000,
0.0000

57.9564, 0.3560,
0.3012

57.9564, 0.3560,
0.3012

47.9059, 0.3771,
0.2916

69.9835, 0.3385,
0.3109

39.7206, 0.4022,
0.2827

84.0814, 0.3242,
0.3203

33.2848, 0.4313,
0.2755

100.0000, 0.3127,
0.3290

28.4680, 0.4636,
0.2713

■ 25.1212, 0.4975,
0.2713

■ 23.0672, 0.5305,
0.2764

■ 22.0240, 0.5601,
0.2860

■ 22.0075, 0.5607,
0.2862

Harmonies

Analogous

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



57.9564, 0.3150, 0.2765



57.9564, 0.3560, 0.3012



57.9564, 0.3858, 0.3330

Triad

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



57.9564, 0.3560, 0.3012



57.9564, 0.3468, 0.4029



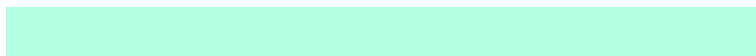
57.9564, 0.2372, 0.2846

Complementary

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



57.9564, 0.3560, 0.3012



86.7067, 0.2829, 0.3589

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.



57.9564, 0.2444, 0.3179



57.9564, 0.3560, 0.3012



57.9564, 0.3063, 0.3908

Square

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



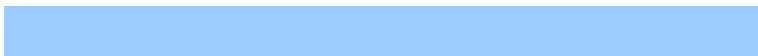
57.9564, 0.3560, 0.3012



57.9564, 0.3795, 0.3922



57.9564, 0.2691, 0.3581



57.9564, 0.2482, 0.2659

Rectangle

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



57.9564, 0.3560, 0.3012



57.9564, 0.3942, 0.3552



57.9564, 0.2691, 0.3581



57.9564, 0.2375, 0.2943

Sweetspot

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



57.9579, 0.3560, 0.3012



85.3045, 0.3232, 0.3210



55.8151, 0.2947, 0.2496



17.7859, 0.3250, 0.3197



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.



57.9579, 0.3560, 0.3012



51.5017, 0.3686, 0.2952



60.9694, 0.3768, 0.3398



18.0936, 0.3238, 0.3206



11.5250, 0.5564, 0.2839



1.1420, 0.5249, 0.2665

Inverse Universe

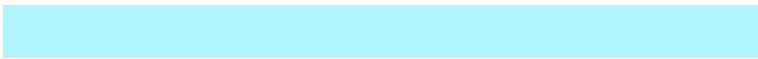
The Inverse Universe completely reimagines the original color for something new.



57.9579, 0.3560, 0.3012



51.5017, 0.3686, 0.2952



82.0289, 0.2683, 0.3179



18.0936, 0.3238, 0.3206



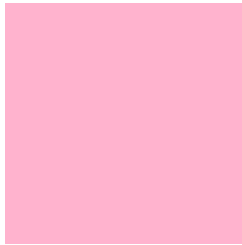
11.5250, 0.5564, 0.2839



1.1420, 0.5249, 0.2665

Previews

White Background



This preview shows how the Yxy color 57.9564, 0.3560, 0.3012 looks on a white background.

Color Contrast Check

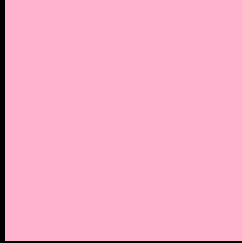
Large Text (above 18pt) WCAG AA × Fail

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 57.9564, 0.3560, 0.3012 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 57.9564, 0.3560, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 57.9564, 0.3560, 0.3012.



This preview shows how white text looks on a background with the Yxy color 57.9564, 0.3560, 0.3012.

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

57.9564, 0.3560, 0.3012

Protanopia

58.0509, 0.2993, 0.3068

Deuteranopia

57.9554, 0.3261, 0.3188



Tritanopia

58.0587, 0.3643, 0.3145

Trichromacy



Original Color

57.9564, 0.3560, 0.3012



Protanomaly

57.6144, 0.3179, 0.3042



Deuteranomaly

57.9106, 0.3366, 0.3125



Tritanomaly

57.8369, 0.3610, 0.3093

Monochromacy



Original Color

57.9564, 0.3560, 0.3012



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.5756, 0.3276, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9564, 0.3560, 0.3012 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 206) }
```

Border

The CSS property to change the border of an element to Yxy 57.9564, 0.3560, 0.3012 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, 206) }
```

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

```
.border{ border-color:rgb(255, 179, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9564, 0.3560, 0.3012 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
179, 206) }
```

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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