

Converting Colors

$Y_{xy}(57.7837, 0.3556, 0.3001)$

Have a look what the booklet for
Yxy(57.7837, 0.3556, 0.3001)
contains.

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Color

Yxy(58.0052, 0.3551, 0.3002)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3CF
RGB	255, 179, 207
RGB Percent	100%, 70%, 81%
CMY	0.0001, 0.2980, 0.1883
CMYK	0.00, 0.30, 0.19, 0.00
HSL	338°, 100%, 85%
HSV	338°, 30%, 100%
XYZ	68.6131, 58.0052, 66.6036
YIQ	204.9160, 36.3080, 24.8200

Conversions

Conversions Part 2

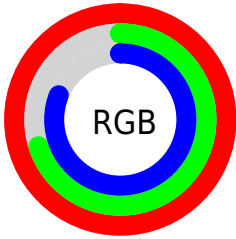
Format	Color
R_{YB}	255, 179, 207
Decimal	16757711
CIE _{Lab}	80.74, 31.54, -2.98
CIE _{LCh}	81, 31.682, 354.603
Yxy	58.0052, 0.3551, 0.3002
Android (android.graphics.Color)	4294947791 (0xFFFFB3CF)
YUV	204.9160, 1.0274, 43.9237
Hunter-Lab	76.1611, 27.5275, 1.4632

Details

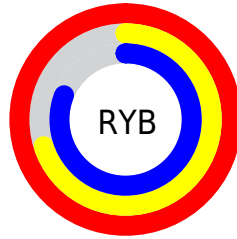
The Yxy color **58.0052, 0.3551, 0.3002** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86.6336, 0.2835, 0.3600**, and the grayscale version is **60.9713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **28.8375, 0.3657, 0.2920** is the 20% darker color. If you saturate the color by 10%, you get **47.9655, 0.3757, 0.2902**, and if you desaturate by 10%, it is **70.0202, 0.3380, 0.3103**.

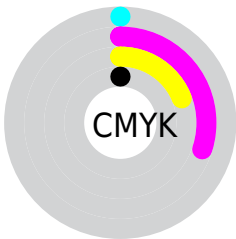
Distribution



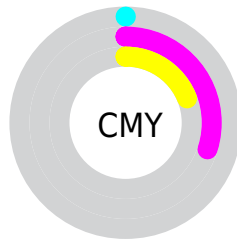
- Red (100%)
- Green (70%)
- Blue (81%)



- 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 58.0052, 0.3551, 0.3002 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 58.0052, 0.3551, 0.3002 by changing the saturation by 10% instead.

 58.0052, 0.3551,
0.3002

 58.0052, 0.3551,
0.3002

417.2053, 0.3348,
0.3139

 41.8128, 0.3599,
0.2970


 101.9304, 0.3479,
0.3050

 28.9548, 0.3660,
0.2930


130.4321, 0.3452,
0.3069

 19.0466, 0.3738,
0.2878


163.8056, 0.3428,
0.3085

 11.7040, 0.3843,
0.2810

202.4354, 0.3408,
0.3098

 6.5424, 0.3991,
0.2714

246.7059, 0.3390,
0.3110

 3.1776, 0.4215,
0.2571


297.0014, 0.3374,

 1.2252, 0.4591,


0.3121


0.2338


353.7065, 0.3360,
0.3130


 0.0821, 0.6907,
0.0669

 0.0000, 0.0000,
0.0000


 58.0052, 0.3551,
0.3002


 58.0052, 0.3551,
0.3002

 47.9655, 0.3757,
0.2902


 70.0202, 0.3380,
0.3103

 39.7863, 0.4002,
0.2810

 84.1011, 0.3240,
0.3200

 33.3534, 0.4286,
0.2735

99.9943, 0.3127,
0.3290

 28.5366, 0.4601,
0.2690

■ 25.1872, 0.4932,
0.2687

■ 23.1281, 0.5256,
0.2736

■ 22.0785, 0.5549,
0.2832

■ 22.0605, 0.5555,
0.2834

Harmonies

Analogous

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



58.0052, 0.3138, 0.2757



58.0052, 0.3551, 0.3002



58.0052, 0.3856, 0.3320

Triad

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



58.0052, 0.3551, 0.3002



58.0052, 0.3481, 0.4033



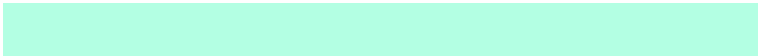
58.0052, 0.2368, 0.2851

Complementary

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



58.0052, 0.3551, 0.3002



86.6336, 0.2835, 0.3600

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.



58.0052, 0.2446, 0.3190



58.0052, 0.3551, 0.3002



58.0052, 0.3074, 0.3918

Square

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



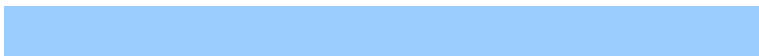
58.0052, 0.3551, 0.3002



58.0052, 0.3805, 0.3919



58.0052, 0.2698, 0.3594



58.0052, 0.2473, 0.2659

Rectangle

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



58.0052, 0.3551, 0.3002



58.0052, 0.3945, 0.3544



58.0052, 0.2698, 0.3594



58.0052, 0.2373, 0.2950

Sweetspot

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



58.0079, 0.3551, 0.3002



85.3225, 0.3230, 0.3208



55.6128, 0.2937, 0.2494



17.7903, 0.3248, 0.3194



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.



58.0079, 0.3551, 0.3002



51.5569, 0.3675, 0.2940



60.4263, 0.3771, 0.3385



18.0977, 0.3236, 0.3203



11.5564, 0.5512, 0.2810



1.1454, 0.5201, 0.2639

Inverse Universe

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



58.0079, 0.3551, 0.3002



51.5569, 0.3675, 0.2940



82.7826, 0.2685, 0.3192



18.0977, 0.3236, 0.3203



11.5564, 0.5512, 0.2810



1.1454, 0.5201, 0.2639

Previews

White Background



This preview shows how the Yxy color 58.0052, 0.3551, 0.3002 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 58.0052, 0.3551, 0.3002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

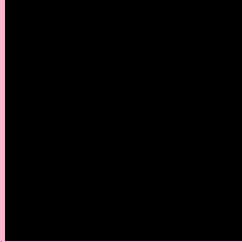
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0052, 0.3551, 0.3002

Background



This preview shows how black text looks on a background with the Yxy color 58.0052, 0.3551, 0.3002.

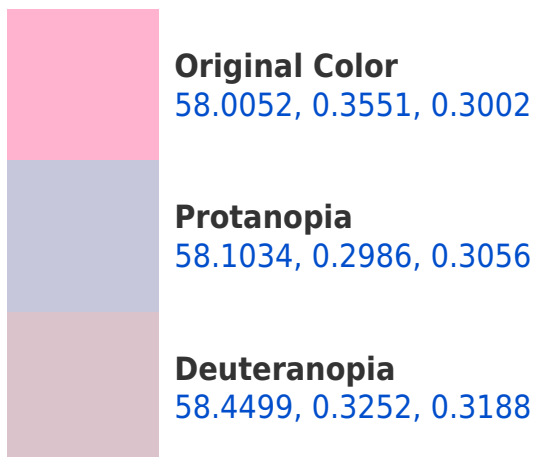


This preview shows how white text looks on a background with the Yxy color 58.0052, 0.3551, 0.3002.

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





Tritanopia

58.0587, 0.3643, 0.3145

Trichromacy



Original Color

58.0052, 0.3551, 0.3002



Protanomaly

57.6656, 0.3171, 0.3031



Deuteranomaly

57.9588, 0.3358, 0.3114



Tritanomaly

57.8369, 0.3610, 0.3093

Monochromacy



Original Color

58.0052, 0.3551, 0.3002



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.6241, 0.3268, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0052, 0.3551, 0.3002 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 207) }
```

Border

The CSS property to change the border of an element to Yxy 58.0052, 0.3551, 0.3002 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, 207) }
```

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

```
.border{ border-color:rgb(255, 179, 207) }
```

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, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0052, 0.3551, 0.3002 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, 207) }
```

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

```
.background{ background-color: rgb(255,  
179, 207) }
```

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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