

Converting Colors

$Yxy(81.6987, 0.4337, 0.3149)$

Have a look what the booklet for
Yxy(81.6987, 0.4337, 0.3149)
contains.

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Color

Yxy(58.9329, 0.3597, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6C9
RGB	255, 182, 201
RGB Percent	100%, 71%, 79%
CMY	0.0000, 0.2863, 0.2117
CMYK	0.00, 0.29, 0.21, 0.00
HSL	344°, 100%, 86%
HSV	344°, 29%, 100%
XYZ	68.5138, 58.9329, 63.0281
YIQ	205.9930, 37.4090, 21.3850

Conversions

Conversions Part 2

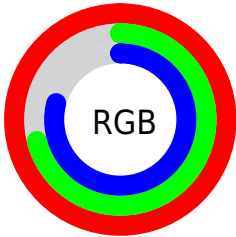
Format	Color
R _Y B	255, 182, 201
Decimal	16758473
CIE Lab	81.25, 29.11, 1.00
CIE LCh	81, 29.131, 1.965
Yxy	58.9329, 0.3597, 0.3094
Android (android.graphics.Color)	4294948553 (0xFFFFB6C9)
YUV	205.9930, -2.4615, 42.9791
Hunter-Lab	76.7678, 24.9643, 5.0590

Details

The Yxy color **58.9329, 0.3597, 0.3094** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.5208, 0.2805, 0.3497**, and the grayscale version is **61.7151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **29.4152, 0.3720, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **48.5891, 0.3837, 0.3023**, and if you desaturate by 10%, it is **71.2893, 0.3400, 0.3165**.

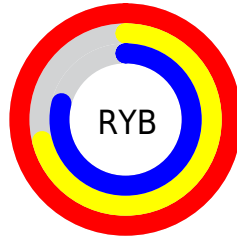
Distribution



Red (100%)

Green (71%)

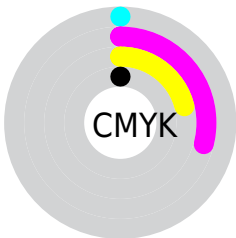
Blue (79%)



Red (100%)

Yellow (71%)

Blue (79%)

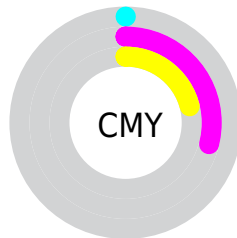


Cyan (0%)

Magenta (29%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9329, 0.3597, 0.3094 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 58.9329, 0.3597, 0.3094 by changing the saturation by 10% instead.


 58.9329, 0.3597,
0.3094

 58.9329, 0.3597,
0.3094


420.6532, 0.3371,
0.3189

 42.5591, 0.3651,
0.3071


 103.2801, 0.3517,
0.3128

 29.5393, 0.3719,
0.3043


132.0224, 0.3486,
0.3141

 19.4892, 0.3806,
0.3005


165.6562, 0.3460,
0.3152

 12.0243, 0.3924,
0.2955

204.5660, 0.3437,
0.3161

 6.7602, 0.4091,
0.2883

249.1363, 0.3418,
0.3169

 3.3126, 0.4345,
0.2773

299.7513, 0.3400,

 1.2970, 0.4775,

0.3177

0.2586

356.7954, 0.3385,
0.3183

0.1389, 0.7927,
0.1307

0.0000, 0.0000,
0.0000

58.9329, 0.3597,
0.3094

58.9329, 0.3597,
0.3094

48.5891, 0.3837,
0.3023

71.2893, 0.3400,
0.3165

40.1477, 0.4125,
0.2958

85.7545, 0.3240,
0.3234

33.4924, 0.4462,
0.2907

100.0000, 0.3127,
0.3290

28.4928, 0.4837,
0.2881

■ 25.0007, 0.5228,
0.2890

■ 22.8409, 0.5598,
0.2944

■ 21.7656, 0.5906,
0.3035

■ 21.6581, 0.5943,
0.3048

Harmonies

Analogous

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



58.9329, 0.3233, 0.2846



58.9329, 0.3597, 0.3094



58.9329, 0.3834, 0.3397

Triad

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



58.9329, 0.3597, 0.3094



58.9329, 0.3365, 0.3962



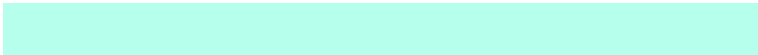
58.9329, 0.2437, 0.2832

Complementary

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



58.9329, 0.3597, 0.3094



87.5208, 0.2805, 0.3497

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.



58.9329, 0.2468, 0.3115



58.9329, 0.3597, 0.3094



58.9329, 0.2990, 0.3803

Square

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



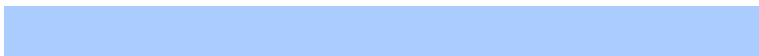
58.9329, 0.3597, 0.3094



58.9329, 0.3689, 0.3909



58.9329, 0.2665, 0.3479



58.9329, 0.2575, 0.2690

Rectangle

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



58.9329, 0.3597, 0.3094



58.9329, 0.3880, 0.3600



58.9329, 0.2665, 0.3479



58.9329, 0.2428, 0.2913

Sweetspot

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



58.9339, 0.3597, 0.3094



85.1760, 0.3246, 0.3232



58.4295, 0.3011, 0.2542



17.7544, 0.3267, 0.3222



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.



58.9339, 0.3597, 0.3094



53.1323, 0.3720, 0.3056



65.5000, 0.3713, 0.3469



18.0647, 0.3253, 0.3228



11.3374, 0.5903, 0.3025



1.1209, 0.5586, 0.2851

Inverse Universe

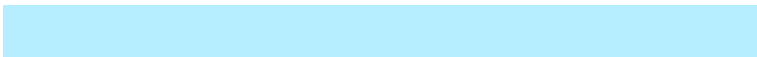
The Inverse Universe completely reimagines the original color for something new.



58.9339, 0.3597, 0.3094



53.1323, 0.3720, 0.3056



78.2950, 0.2691, 0.3103



18.0647, 0.3253, 0.3228



11.3374, 0.5903, 0.3025



1.1209, 0.5586, 0.2851

Previews

White Background



This preview shows how the Yxy color 58.9329, 0.3597, 0.3094 looks on a white background.

Color Contrast Check

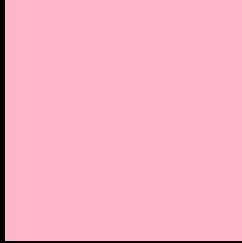
Large Text (above 18pt) WCAG AA × Fail

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 58.9329, 0.3597, 0.3094 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 58.9329, 0.3597, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 58.9329, 0.3597, 0.3094.



This preview shows how white text looks on a background with the Yxy color 58.9329, 0.3597, 0.3094.

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

58.9329, 0.3597, 0.3094

Protanopia

59.2233, 0.3064, 0.3162

Deuteranopia

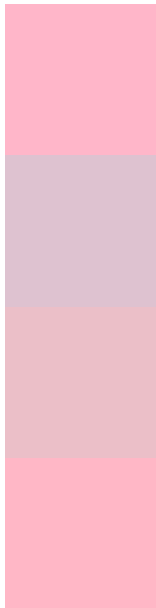
59.2914, 0.3322, 0.3257



Tritanopia

59.1582, 0.3629, 0.3146

Trichromacy



Original Color

58.9329, 0.3597, 0.3094

Protanomaly

58.6672, 0.3247, 0.3133

Deuteranomaly

59.0939, 0.3420, 0.3192

Tritanomaly

59.2042, 0.3621, 0.3135

Monochromacy



Original Color

58.9329, 0.3597, 0.3094

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.1394, 0.3290, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9329, 0.3597, 0.3094 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, 182, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 201)  
}
```

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, 182, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 201) }
```

Border

The CSS property to change the border of an element to Yxy 58.9329, 0.3597, 0.3094 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, 182, 201) }
```

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

```
.border{ border-color:rgb(255, 182, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9329, 0.3597, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 201) }
```

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

```
.background{ background-color: rgb(255,  
182, 201) }
```

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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