

Converting Colors

$Y_{xy}(58.8235, 0.3549, 0.3025)$

Have a look what the booklet for
Yxy(58.8235, 0.3549, 0.3025)
contains.

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Color

Yxy(58.8127, 0.3547, 0.3022)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5CF
RGB	255, 181, 207
RGB Percent	100%, 71%, 81%
CMY	0.0000, 0.2902, 0.1881
CMYK	0.00, 0.29, 0.19, 0.00
HSL	339°, 100%, 85%
HSV	339°, 29%, 100%
XYZ	69.0300, 58.8127, 66.7725
YIQ	206.0900, 35.7580, 23.7740

Conversions

Conversions Part 2

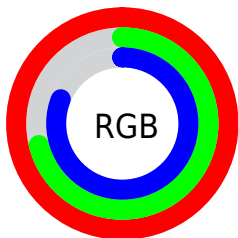
Format	Color
R_{YB}	255, 181, 207
Decimal	16758223
CIE _{Lab}	81.19, 30.52, -2.35
CIE _{LCh}	81, 30.612, 355.592
Yxy	58.8127, 0.3547, 0.3022
Android (android.graphics.Color)	4294948303 (0xFFFFB5CF)
YUV	206.0900, 0.4486, 42.8941
Hunter-Lab	76.6894, 26.4656, 2.0596

Details

The Yxy color **58.8127, 0.3547, 0.3022** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.9980, 0.2835, 0.3577**, and the grayscale version is **61.7648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **29.3490, 0.3651, 0.2947** is the 20% darker color. If you saturate the color by 10%, you get **48.6103, 0.3756, 0.2926**, and if you desaturate by 10%, it is **71.0029, 0.3374, 0.3118**.

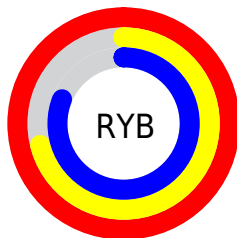
Distribution



Red (100%)

Green (71%)

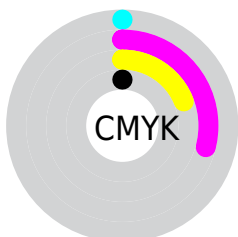
Blue (81%)



Red (100%)

Yellow (71%)

Blue (81%)

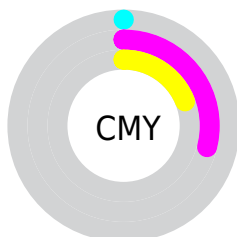


Cyan (0%)

Magenta (29%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8127, 0.3547, 0.3022 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 58.8127, 0.3547, 0.3022 by changing the saturation by 10% instead.


 58.8127, 0.3547,
0.3022

 58.8127, 0.3547,
0.3022


420.2075, 0.3346,
0.3149

 42.4624, 0.3595,
0.2992


 103.1054, 0.3476,
0.3067

 29.4635, 0.3654,
0.2955


131.8165, 0.3449,
0.3084

 19.4317, 0.3732,
0.2907


165.4167, 0.3425,
0.3099

 11.9827, 0.3835,
0.2843

204.2904, 0.3405,
0.3112

 6.7319, 0.3981,
0.2753

248.8219, 0.3388,
0.3123

 3.2950, 0.4201,
0.2620


299.3957, 0.3372,

 1.2876, 0.4570,

0.3133

0.2401


356.3960, 0.3358,
0.3141

 0.1316, 0.6646,
0.1005


 0.0000, 0.0000,
0.0000


 58.8127, 0.3547,
0.3022


 58.8127, 0.3547,
0.3022

 48.6103, 0.3756,
0.2926

 71.0029, 0.3374,
0.3118

 40.2813, 0.4005,
0.2837

 85.2708, 0.3232,
0.3211

 33.7121, 0.4295,
0.2765

99.9998, 0.3127,
0.3290

 28.7734, 0.4618,
0.2720

■ 25.3178, 0.4958,
0.2717

■ 23.1708, 0.5292,
0.2764

■ 22.0757, 0.5591,
0.2859

■ 21.9936, 0.5619,
0.2869

Harmonies

Analogous

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



58.8127, 0.3151, 0.2782



58.8127, 0.3547, 0.3022



58.8127, 0.3834, 0.3331

Triad

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



58.8127, 0.3547, 0.3022



58.8127, 0.3456, 0.4004



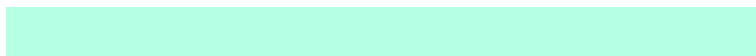
58.8127, 0.2395, 0.2860

Complementary

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



58.8127, 0.3547, 0.3022



86.9980, 0.2835, 0.3577

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.



58.8127, 0.2465, 0.3183



58.8127, 0.3547, 0.3022



58.8127, 0.3064, 0.3885

Square

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



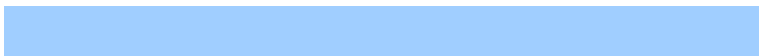
58.8127, 0.3547, 0.3022



58.8127, 0.3772, 0.3903



58.8127, 0.2704, 0.3570



58.8127, 0.2503, 0.2679

Rectangle

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



58.8127, 0.3547, 0.3022



58.8127, 0.3915, 0.3547



58.8127, 0.2704, 0.3570



58.8127, 0.2399, 0.2954

Sweetspot

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



58.8154, 0.3547, 0.3022



85.3002, 0.3232, 0.3211



56.7406, 0.2953, 0.2518



17.7848, 0.3251, 0.3198



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.



58.8154, 0.3547, 0.3022



52.4802, 0.3667, 0.2964



61.8002, 0.3746, 0.3395



18.0927, 0.3239, 0.3207



11.5177, 0.5576, 0.2845



1.1412, 0.5261, 0.2672

Inverse Universe

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



58.8154, 0.3547, 0.3022



52.4802, 0.3667, 0.2964



82.4290, 0.2694, 0.3182



18.0927, 0.3239, 0.3207



11.5177, 0.5576, 0.2845



1.1412, 0.5261, 0.2672

Previews

White Background



This preview shows how the Yxy color 58.8127, 0.3547, 0.3022 looks on a white background.

Color Contrast Check

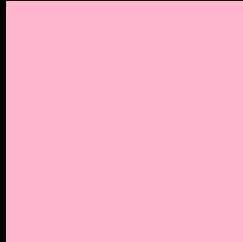
Large Text (above 18pt) WCAG AA × Fail

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 58.8127, 0.3547, 0.3022 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 58.8127, 0.3547, 0.3022

Background



This preview shows how black text looks on a background with the Yxy color 58.8127, 0.3547, 0.3022.



This preview shows how white text looks on a background with the Yxy color 58.8127, 0.3547, 0.3022.

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

58.8127, 0.3547, 0.3022

Protanopia

59.3053, 0.3001, 0.3081

Deuteranopia

59.0551, 0.3259, 0.3200



Tritanopia

58.9690, 0.3621, 0.3145

Trichromacy



Original Color

58.8127, 0.3547, 0.3022



Protanomaly

58.8620, 0.3186, 0.3055



Deuteranomaly

58.9930, 0.3364, 0.3137



Tritanomaly

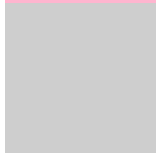
58.7438, 0.3589, 0.3094

Monochromacy



Original Color

58.8127, 0.3547, 0.3022



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

60.2360, 0.3275, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8127, 0.3547, 0.3022 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, 181, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 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, 181, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 207) }
```

Border

The CSS property to change the border of an element to Yxy 58.8127, 0.3547, 0.3022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

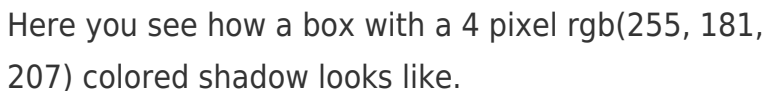
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 181, 207) }
```

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

```
.border{ border-color:rgb(255, 181, 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, 181, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 181, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 181, 207); box-shadow:4px 4px 4px 4px rgb(255, 181, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8127, 0.3547, 0.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 207) }
```

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

```
.background{ background-color: rgb(255,  
181, 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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