

Converting Colors

$Yxy(58.0693, 0.3857, 0.3057)$

Have a look what the booklet for
Yxy(58.0693, 0.3857, 0.3057)
contains.

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Color

Yxy(53.9045, 0.3687, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	FFAAC2
RGB	255, 170, 194
RGB Percent	100%, 67%, 76%
CMY	0.0000, 0.3333, 0.2392
CMYK	0.00, 0.33, 0.24, 0.00
HSL	343°, 100%, 83%
HSV	343°, 33%, 100%
XYZ	65.3554, 53.9045, 57.9992
YIQ	198.1510, 42.9560, 25.4840

Conversions

Conversions Part 2

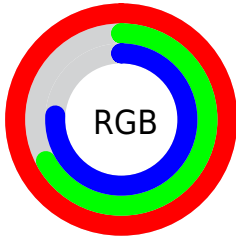
Format	Color
R _Y B	255, 170, 194
Decimal	16755394
CIE _{Lab}	78.41, 34.39, 0.64
CIE _{LCh}	78, 34.401, 1.072
Y _{xy}	53.9045, 0.3687, 0.3041
Android (android.graphics.Color)	4294945474 (0xFFFFAAC2)
Y _{UV}	198.1510, -2.0464, 49.8566
Hunter-Lab	73.4197, 30.4095, 4.5566

Details

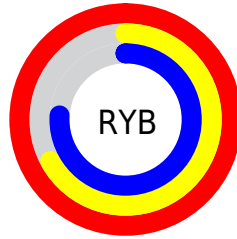
The Yxy color **53.9045, 0.3687, 0.3041** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.8356, 0.2767, 0.3558**, and the grayscale version is **56.5611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5548, 0.3173, 0.3056**, and **26.5160, 0.3832, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **44.4813, 0.3941, 0.2966**, and if you desaturate by 10%, it is **65.2837, 0.3477, 0.3119**.

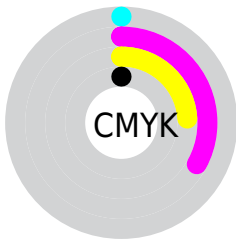
Distribution



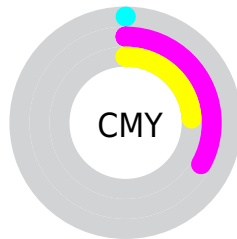
- Red (100%)
- Green (67%)
- Blue (76%)



- Red (100%)
- Yellow (67%)
- Blue (76%)



- Cyan (0%)
- Magenta (33%)
- Yellow (24%)
- Black (0%)




- Cyan (0%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9045, 0.3687, 0.3041 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 53.9045, 0.3687, 0.3041 by changing the saturation by 10% instead.

 53.9045, 0.3687,
0.3041

 53.9045, 0.3687,
0.3041


401.7457, 0.3414,
0.3163

 38.5253, 0.3753,
0.3011


 95.9340, 0.3589,
0.3085

 26.3907, 0.3837,
0.2974


123.3531, 0.3552,
0.3101

 17.1161, 0.3946,
0.2925


155.5543, 0.3521,
0.3115

 10.3173, 0.4095,
0.2857

192.9221, 0.3493,
0.3128

 5.6099, 0.4308,
0.2761

235.8407, 0.3470,
0.3138

 2.6093, 0.4639,
0.2610

284.6945, 0.3449,

 0.9314, 0.5213,

0.3148

0.2347

339.8681, 0.3430,
0.3156

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.9045, 0.3687,
0.3041

53.9045, 0.3687,
0.3041

44.4813, 0.3941,
0.2966

65.2837, 0.3477,
0.3119

36.9019, 0.4241,
0.2901

78.7203, 0.3306,
0.3195

31.0440, 0.4586,
0.2855

94.3099, 0.3167,
0.3267

26.7700, 0.4960,
0.2840

100.0000, 0.3127,
0.3290

■ 23.9210, 0.5337,
0.2868

■ 22.3042, 0.5678,
0.2942

■ 21.7279, 0.5872,
0.3008

Harmonies

Analogous

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



53.9045, 0.3239, 0.2751



53.9045, 0.3687, 0.3041



53.9045, 0.3984, 0.3399

Triad

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



53.9045, 0.3687, 0.3041



53.9045, 0.3422, 0.4116



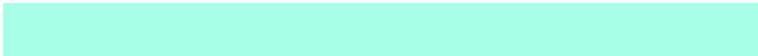
53.9045, 0.2297, 0.2740

Complementary

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



53.9045, 0.3687, 0.3041



85.8356, 0.2767, 0.3558

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.



53.9045, 0.2338, 0.3083



53.9045, 0.3687, 0.3041



53.9045, 0.2968, 0.3933

Square

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



53.9045, 0.3687, 0.3041



53.9045, 0.3814, 0.4032



53.9045, 0.2576, 0.3532



53.9045, 0.2455, 0.2571

Rectangle

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



53.9045, 0.3687, 0.3041



53.9045, 0.4044, 0.3643



53.9045, 0.2576, 0.3532



53.9045, 0.2288, 0.2836

Sweetspot

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



53.9048, 0.3687, 0.3041



83.6726, 0.3257, 0.3219



52.9448, 0.2975, 0.2410



17.4561, 0.3277, 0.3209



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.



53.9048, 0.3687, 0.3041



47.4117, 0.3851, 0.2990



60.3073, 0.3847, 0.3485



18.0714, 0.3250, 0.3223



11.3752, 0.5830, 0.2985



1.1253, 0.5510, 0.2809

Inverse Universe

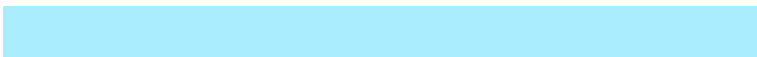
The Inverse Universe completely reimagines the original color for something new.



53.9048, 0.3687, 0.3041



47.4117, 0.3851, 0.2990



76.0936, 0.2626, 0.3084



18.0714, 0.3250, 0.3223



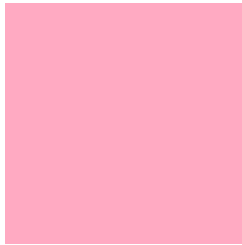
11.3752, 0.5830, 0.2985



1.1253, 0.5510, 0.2809

Previews

White Background



This preview shows how the Yxy color 53.9045, 0.3687, 0.3041 looks on a white background.

Color Contrast Check

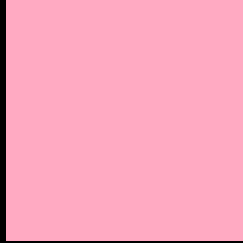
Large Text (above 18pt) WCAG AA × Fail

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 53.9045, 0.3687, 0.3041 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 53.9045, 0.3687, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 53.9045, 0.3687, 0.3041.



This preview shows how white text looks on a background with the Yxy color 53.9045, 0.3687, 0.3041.

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

53.9045, 0.3687, 0.3041

Protanopia

54.1633, 0.3025, 0.3109

Deuteranopia

54.0242, 0.3321, 0.3255



Tritanopia

54.0787, 0.3756, 0.3155

Trichromacy



Original Color

53.9045, 0.3687, 0.3041



Protanomaly

53.6087, 0.3245, 0.3082



Deuteranomaly

53.5115, 0.3453, 0.3167



Tritanomaly

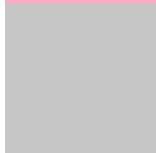
53.8275, 0.3731, 0.3113

Monochromacy



Original Color

53.9045, 0.3687, 0.3041



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

55.0577, 0.3315, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9045, 0.3687, 0.3041 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, 170, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 194)  
}
```

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, 170, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 194) }
```

Border

The CSS property to change the border of an element to Yxy 53.9045, 0.3687, 0.3041 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, 170, 194) }
```

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

```
.border{ border-color:rgb(255, 170, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9045, 0.3687, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 194) }
```

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

```
.background{ background-color: rgb(255,  
170, 194) }
```

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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