

# Converting Colors

Yxy(59.0094, 0.3455, 0.3071)

Have a look what the booklet for  
Yxy(59.0094, 0.3455, 0.3071)  
contains.

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# Color

**Yxy(59.0353, 0.3455, 0.3068)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5BACF
RGB	245, 186, 207
RGB Percent	96%, 73%, 81%
CMY	0.0391, 0.2706, 0.1883
CMYK	0.00, 0.24, 0.16, 0.04
HSL	339°, 75%, 85%
HSV	339°, 24%, 96%
XYZ	66.4821, 59.0353, 66.9054
YIQ	206.0350, 28.4230, 19.0390

# Conversions

## Conversions Part 2

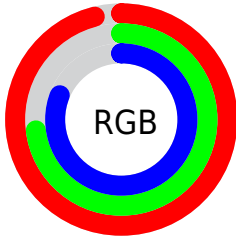
Format	Color
R <sub>Y</sub> B	245, 186, 207
Decimal	16104143
CIE Lab	81.31, 24.39, -2.25
CIE LCh	81, 24.499, 354.720
Yxy	59.0353, 0.3455, 0.3068
Android (android.graphics.Color)	4294294223 (0xFFFF5BACF)
YUV	206.0350, 0.4757, 34.1723
Hunter-Lab	76.8344, 19.9893, 2.1559

# Details

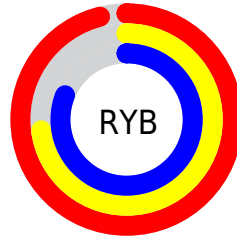
The Yxy color  $59.0353, 0.3455, 0.3068$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $81.1452, 0.2883, 0.3524$ , and the grayscale version is  $61.7301, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $91.9843, 0.3133, 0.3165$ , and  $29.4938, 0.3537, 0.3002$  is the 20% darker color. If you saturate the color by 10%, you get  $48.8500, 0.3644, 0.2971$ , and if you desaturate by 10%, it is  $71.0734, 0.3299, 0.3164$ .

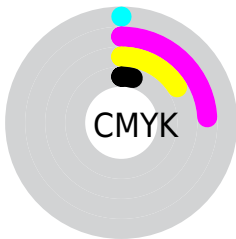
# Distribution



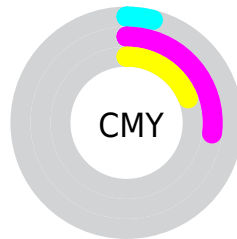
- Red (96%)
- Green (73%)
- Blue (81%)



- Red (96%)
- Yellow (73%)
- Blue (81%)



- Cyan (0%)
- Magenta (24%)
- Yellow (16%)
- Black (4%)




- Cyan (4%)
- Magenta (27%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0353, 0.3455, 0.3068 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 59.0353, 0.3455, 0.3068 by changing the saturation by 10% instead.




 59.0353, 0.3455,  
0.3068

 59.0353, 0.3455,  
0.3068


421.0327, 0.3298,  
0.3174

 42.6415, 0.3492,  
0.3043


 103.4290, 0.3399,  
0.3105

 29.6040, 0.3539,  
0.3012


132.1977, 0.3378,  
0.3119

 19.5382, 0.3599,  
0.2972


165.8601, 0.3360,  
0.3132

 12.0598, 0.3680,  
0.2919

204.8007, 0.3344,  
0.3142

 6.7844, 0.3795,  
0.2844

249.4039, 0.3331,  
0.3152

 3.3276, 0.3968,  
0.2733


300.0540, 0.3318,

 1.3051, 0.4260,


0.3160


0.2548

357.1355, 0.3308,  
0.3167

 0.1451, 0.6142,  
0.1215


 0.0000, 0.0000,  
0.0000


 59.0353, 0.3455,  
0.3068

 59.0353, 0.3455,  
0.3068


 48.8500, 0.3644,  
0.2971


 71.0734, 0.3299,  
0.3164


 40.4168, 0.3871,  
0.2877

 85.0422, 0.3172,  
0.3255

 33.6377, 0.4138,  
0.2794

 98.1164, 0.3069,  
0.3296

 28.4020, 0.4443,  
0.2733

 98.1575, 0.3066,  
0.3290

■ 24.5848, 0.4774,  
0.2707

■ 22.0416, 0.5113,  
0.2727

■ 20.5967, 0.5430,  
0.2799

■ 20.1069, 0.5600,  
0.2859

# Harmonies

## Analogous

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



59.0353, 0.3140, 0.2873



59.0353, 0.3455, 0.3068



59.0353, 0.3686, 0.3321

# Triad

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



59.0353, 0.3455, 0.3068



59.0353, 0.3403, 0.3857



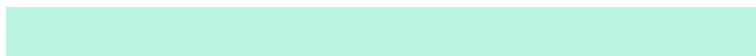
59.0353, 0.2534, 0.2955

# Complementary

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



59.0353, 0.3455, 0.3068



81.1452, 0.2883, 0.3524

# 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.



59.0353, 0.2597, 0.3218



59.0353, 0.3455, 0.3068



59.0353, 0.3090, 0.3764

# Square

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



59.0353, 0.3455, 0.3068



59.0353, 0.3651, 0.3780



59.0353, 0.2796, 0.3522



59.0353, 0.2619, 0.2800



# Rectangle

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



59.0353, 0.3455, 0.3068



59.0353, 0.3754, 0.3496



59.0353, 0.2796, 0.3522



59.0353, 0.2539, 0.3033

# Sweetspot

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



59.0380, 0.3455, 0.3068



88.4162, 0.3207, 0.3229



57.4599, 0.2988, 0.2658



18.7217, 0.3214, 0.3223



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.



59.0380, 0.3455, 0.3068



58.8492, 0.3544, 0.3020



61.4875, 0.3612, 0.3376



16.5798, 0.3238, 0.3206



10.8530, 0.5558, 0.2835



0.9727, 0.5212, 0.2645



# Inverse Universe

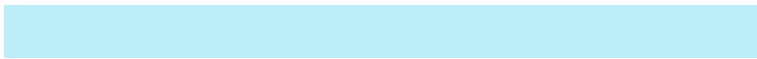
The Inverse Universe completely reimagines the original color for something new.



59.0380, 0.3455, 0.3068



58.8492, 0.3544, 0.3020



77.6926, 0.2764, 0.3202



16.5798, 0.3238, 0.3206



10.8530, 0.5558, 0.2835



0.9727, 0.5212, 0.2645



# Previews

## White Background



This preview shows how the Yxy color 59.0353, 0.3455, 0.3068 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

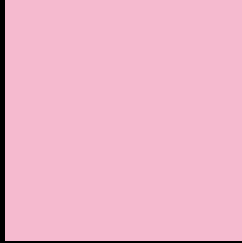
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 59.0353, 0.3455, 0.3068 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 59.0353, 0.3455, 0.3068**

## **Background**



This preview shows how black text looks on a background with the Yxy color 59.0353, 0.3455, 0.3068.

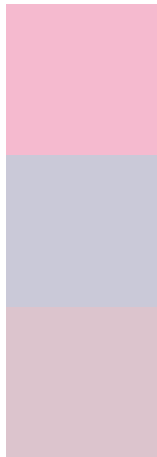


This preview shows how white text looks on a background with the Yxy color 59.0353, 0.3455, 0.3068.

# 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

59.0353, 0.3455, 0.3068

### Protanopia

59.2877, 0.3029, 0.3116

### Deuteranopia

59.1033, 0.3252, 0.3188



## Tritanopia

58.9908, 0.3494, 0.3141

# Trichromacy



## Original Color

59.0353, 0.3455, 0.3068

## Protanomaly

59.1894, 0.3176, 0.3098

## Deuteranomaly

58.8135, 0.3321, 0.3135

## Tritanomaly

59.0855, 0.3478, 0.3120

# Monochromacy



## Original Color

59.0353, 0.3455, 0.3068

## Achromatopsia

61.7207, 0.3127, 0.3290

## Achromatomaly

60.5187, 0.3241, 0.3211

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 59.0353, 0.3455, 0.3068 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(245, 186, 207)` looks like.

```
.text, #text, p{  
    color:rgb(245, 186, 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(245, 186, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 186, 207) }
```

## Border

The CSS property to change the border of an element to Yxy 59.0353, 0.3455, 0.3068 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(245, 186, 207) }
```

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

```
.border{ border-color:rgb(245, 186, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 186, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 186, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 186, 207);  
box-shadow:4px 4px 4px 4px rgb(245, 186,  
207) }
```



# Background

The CSS property to change the background color of an element to Yxy 59.0353, 0.3455, 0.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 186, 207) }
```

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

```
.background{ background-color: rgb(245,  
186, 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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