

# Converting Colors

Yxy(54.2711, 0.3635, 0.3056)

Have a look what the booklet for  
Yxy(54.2711, 0.3635, 0.3056)  
contains.

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# Color

**Yxy(54.3365, 0.3636, 0.3059)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBADC3
RGB	251, 173, 195
RGB Percent	98%, 68%, 76%
CMY	0.0155, 0.3216, 0.2353
CMYK	0.00, 0.31, 0.22, 0.02
HSL	343°, 91%, 83%
HSV	343°, 31%, 98%
XYZ	64.5857, 54.3365, 58.7062
YIQ	198.8300, 39.4260, 23.3780

# Conversions

## Conversions Part 2

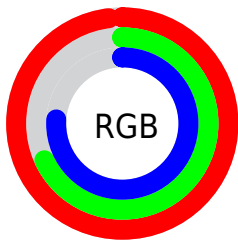
Format	Color
R <sub>Y</sub> B	251, 173, 195
Decimal	16494019
CIE Lab	78.66, 31.57, 0.42
CIE LCh	79, 31.574, 0.765
Yxy	54.3365, 0.3636, 0.3059
Android (android.graphics.Color)	4294684099 (0xFFFBADC3)
YUV	198.8300, -1.8882, 45.7531
Hunter-Lab	73.7133, 27.3987, 4.3800

# Details

The Yxy color  $54.3365, 0.3636, 0.3059$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $83.5588, 0.2789, 0.3537$ , and the grayscale version is  $56.9993, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $84.2637, 0.3164, 0.3076$ , and  $26.6935, 0.3775, 0.3006$  is the 20% darker color. If you saturate the color by 10%, you get  $44.8330, 0.3879, 0.2983$ , and if you desaturate by 10%, it is  $65.7521, 0.3436, 0.3137$ .

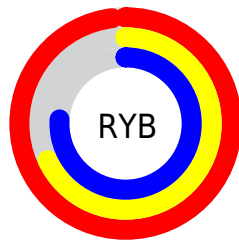
# Distribution



Red (98%)

Green (68%)

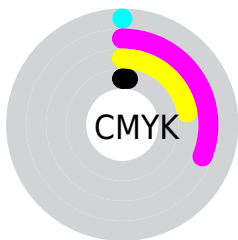
Blue (76%)



Red (98%)

Yellow (68%)

Blue (76%)

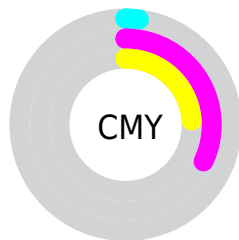


Cyan (0%)

Magenta (31%)

Yellow (22%)

Black (2%)



Cyan (2%)

Magenta (32%)


Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3365, 0.3636, 0.3059 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 54.3365, 0.3636, 0.3059 by changing the saturation by 10% instead.




 54.3365, 0.3636,  
0.3059

 54.3365, 0.3636,  
0.3059


403.3919, 0.3388,  
0.3172

 38.8708, 0.3696,  
0.3032


 96.5681, 0.3547,  
0.3099

 26.6592, 0.3772,  
0.2997


124.1028, 0.3514,  
0.3115

 17.3174, 0.3871,  
0.2952


156.4293, 0.3485,  
0.3128

 10.4611, 0.4006,  
0.2890

193.9319, 0.3460,  
0.3139

 5.7057, 0.4199,  
0.2801

236.9951, 0.3439,  
0.3149

 2.6670, 0.4499,  
0.2663

286.0032, 0.3420,

 0.9605, 0.5021,

0.3158

0.2421

341.3407, 0.3403,  
0.3165

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.3365, 0.3636,  
0.3059

54.3365, 0.3636,  
0.3059

44.8330, 0.3879,  
0.2983

65.7521, 0.3436,  
0.3137

37.1290, 0.4169,  
0.2915

79.1690, 0.3273,  
0.3212

31.1117, 0.4505,  
0.2864

94.6802, 0.3140,  
0.3283

26.6524, 0.4874,  
0.2841

99.2558, 0.3103,  
0.3290

■ 23.6037, 0.5253,  
0.2859

■ 21.7890, 0.5606,  
0.2922

■ 20.9676, 0.5871,  
0.3008

# Harmonies

## Analogous

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



54.3365, 0.3226, 0.2790



54.3365, 0.3636, 0.3059



54.3365, 0.3909, 0.3390

# Triad

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



54.3365, 0.3636, 0.3059



54.3365, 0.3405, 0.4044



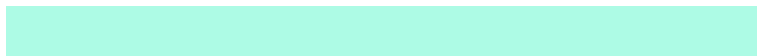
54.3365, 0.2362, 0.2789

# Complementary

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



54.3365, 0.3636, 0.3059



83.5588, 0.2789, 0.3537

# 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.



54.3365, 0.2402, 0.3107



54.3365, 0.3636, 0.3059



54.3365, 0.2988, 0.3877

# Square

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



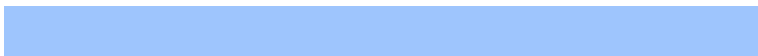
54.3365, 0.3636, 0.3059



54.3365, 0.3762, 0.3970



54.3365, 0.2625, 0.3516



54.3365, 0.2506, 0.2629



# Rectangle

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



54.3365, 0.3636, 0.3059



54.3365, 0.3966, 0.3615



54.3365, 0.2625, 0.3516



54.3365, 0.2354, 0.2879

# Sweetspot

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



54.3390, 0.3636, 0.3059



85.2050, 0.3243, 0.3227



53.4962, 0.2988, 0.2473



17.7615, 0.3263, 0.3216



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.



54.3390, 0.3636, 0.3059



50.2259, 0.3775, 0.3013



60.3164, 0.3783, 0.3471



17.3056, 0.3249, 0.3223



11.0393, 0.5829, 0.2985



1.0397, 0.5493, 0.2800



# Inverse Universe

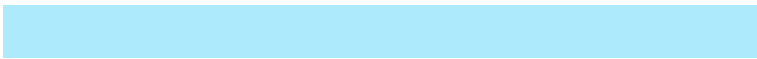
The Inverse Universe completely reimagines the original color for something new.



54.3390, 0.3636, 0.3059



50.2259, 0.3775, 0.3013



74.7676, 0.2658, 0.3100



17.3056, 0.3249, 0.3223



11.0393, 0.5829, 0.2985

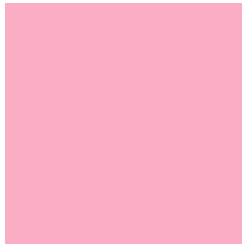


1.0397, 0.5493, 0.2800



# Previews

## White Background



This preview shows how the Yxy color 54.3365, 0.3636, 0.3059 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

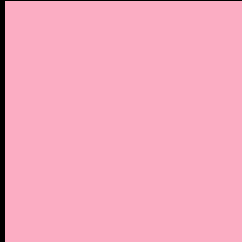
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.3365, 0.3636, 0.3059 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

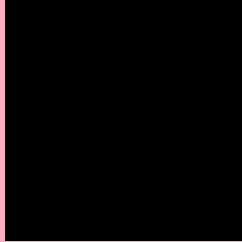
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 54.3365, 0.3636, 0.3059**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.3365, 0.3636, 0.3059.



This preview shows how white text looks on a background with the Yxy color 54.3365, 0.3636, 0.3059.

# 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

54.3365, 0.3636, 0.3059

### Protanopia

54.6907, 0.3040, 0.3133

### Deuteranopia

54.6480, 0.3320, 0.3255



## Tritanopia

54.2269, 0.3688, 0.3143

# Trichromacy



## Original Color

54.3365, 0.3636, 0.3059



## Protanomaly

53.8767, 0.3236, 0.3093



## Deuteranomaly

54.2112, 0.3432, 0.3178



## Tritanomaly

54.3577, 0.3661, 0.3111

# Monochromacy



## Original Color

54.3365, 0.3636, 0.3059



## Achromatopsia

57.1125, 0.3127, 0.3290



## Achromatomaly

55.8096, 0.3296, 0.3198

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.3365, 0.3636, 0.3059 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(251, 173, 195)` looks like.

```
.text, #text, p{  
    color:rgb(251, 173, 195)  
}
```

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(251, 173, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 173, 195) }
```

## Border

The CSS property to change the border of an element to Yxy 54.3365, 0.3636, 0.3059 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(251, 173, 195) }
```

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

```
.border{ border-color:rgb(251, 173, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 173, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 173, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 173, 195); box-shadow:4px 4px 4px 4px rgb(251, 173, 195) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.3365, 0.3636, 0.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 173, 195) }
```

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

```
.background{ background-color: rgb(251,  
173, 195) }
```

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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