

# Converting Colors

$Yxy(54.7492, 0.3559, 0.3015)$

Have a look what the booklet for  
Yxy(54.7492, 0.3559, 0.3015)  
contains.

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# **Color**

**Yxy(54.8334, 0.3551, 0.3015)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8AFC9
RGB	248, 175, 201
RGB Percent	97%, 69%, 79%
CMY	0.0275, 0.3137, 0.2117
CMYK	0.00, 0.29, 0.19, 0.03
HSL	339°, 84%, 83%
HSV	339°, 29%, 97%
XYZ	64.5816, 54.8334, 62.4537
YIQ	199.7910, 35.1620, 23.5620

# Conversions

## Conversions Part 2

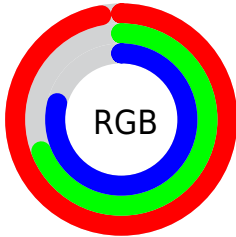
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	248, 175, 201
Decimal	16297929
CIE Lab	78.95, 30.32, -2.48
CIE LCh	79, 30.423, 355.333
Yxy	54.8334, 0.3551, 0.3015
Android (android.graphics.Color)	4294488009 (0xFFF8AFC9)
YUV	199.7910, 0.5960, 42.2793
Hunter-Lab	74.0496, 26.0901, 1.8293

# Details

The Yxy color **54.8334, 0.3551, 0.3015** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81.5117, 0.2834, 0.3585**, and the grayscale version is **57.6056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **26.9728, 0.3658, 0.2948** is the 20% darker color. If you saturate the color by 10%, you get **45.3397, 0.3760, 0.2918**, and if you desaturate by 10%, it is **66.1826, 0.3378, 0.3112**.

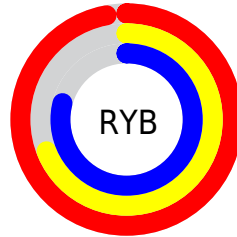
# Distribution



Red (97%)

Green (69%)

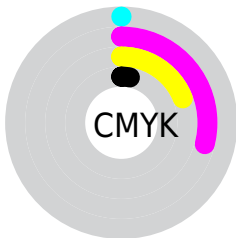
Blue (79%)



Red (97%)

Yellow (69%)

Blue (79%)

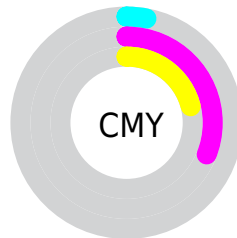


Cyan (0%)

Magenta (29%)

Yellow (19%)

Black (3%)



Cyan (3%)

Magenta (31%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8334, 0.3551, 0.3015 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 54.8334, 0.3551, 0.3015 by changing the saturation by 10% instead.





 54.8334, 0.3551,  
0.3015

 54.8334, 0.3551,  
0.3015

405.2801, 0.3346,  
0.3147

 39.2684, 0.3600,  
0.2984


 97.2968, 0.3478,  
0.3062

 26.9686, 0.3663,  
0.2944


124.9640, 0.3450,  
0.3080

 17.5496, 0.3743,  
0.2893


157.4340, 0.3426,  
0.3095

 10.6271, 0.3853,  
0.2824

195.0912, 0.3406,  
0.3108

 5.8167, 0.4010,  
0.2727

238.3200, 0.3388,  
0.3120

 2.7339, 0.4251,  
0.2580

287.5048, 0.3372,

 0.9945, 0.4668,

0.3130

0.2331

343.0301, 0.3358,  
0.3139

0.0000, 0.9320,  
0.0000

0.0000, 0.0000,  
0.0000

54.8334, 0.3551,  
0.3015

54.8334, 0.3551,  
0.3015

45.3397, 0.3760,  
0.2918

66.1826, 0.3378,  
0.3112

37.5945, 0.4008,  
0.2829

79.4718, 0.3237,  
0.3206

31.4913, 0.4295,  
0.2756

94.7893, 0.3121,  
0.3295

26.9089, 0.4616,  
0.2712

98.6933, 0.3084,  
0.3290

■ 23.7090, 0.4954,  
0.2709

■ 21.7276, 0.5284,  
0.2757

■ 20.7109, 0.5581,  
0.2851

■ 20.6646, 0.5598,  
0.2857

# Harmonies

## Analogous

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



54.8334, 0.3148, 0.2772



54.8334, 0.3551, 0.3015



54.8334, 0.3845, 0.3328

# Triad

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



54.8334, 0.3551, 0.3015



54.8334, 0.3465, 0.4016



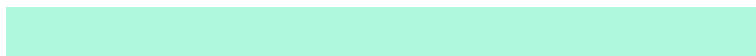
54.8334, 0.2383, 0.2854

# Complementary

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



54.8334, 0.3551, 0.3015



81.5117, 0.2834, 0.3585

# 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.



54.8334, 0.2456, 0.3183



54.8334, 0.3551, 0.3015



54.8334, 0.3066, 0.3898

# Square

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



54.8334, 0.3551, 0.3015



54.8334, 0.3785, 0.3911



54.8334, 0.2700, 0.3578



54.8334, 0.2491, 0.2669



# Rectangle

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



54.8334, 0.3551, 0.3015



54.8334, 0.3928, 0.3547



54.8334, 0.2700, 0.3578



54.8334, 0.2387, 0.2950

# Sweetspot

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



54.8359, 0.3551, 0.3015



85.3064, 0.3232, 0.3210



52.8484, 0.2950, 0.2508



17.7864, 0.3250, 0.3197



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.



54.8359, 0.3551, 0.3015



52.4989, 0.3664, 0.2960



57.6385, 0.3756, 0.3396



17.3274, 0.3238, 0.3206



11.1890, 0.5556, 0.2834



1.0557, 0.5226, 0.2653



# Inverse Universe

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



54.8359, 0.3551, 0.3015



52.4989, 0.3664, 0.2960



77.1881, 0.2689, 0.3180



17.3274, 0.3238, 0.3206



11.1890, 0.5556, 0.2834



1.0557, 0.5226, 0.2653



# Previews

## White Background



This preview shows how the Yxy color 54.8334, 0.3551, 0.3015 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

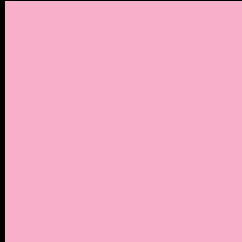
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.8334, 0.3551, 0.3015 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 54.8334, 0.3551, 0.3015**

## Background



This preview shows how black text looks on a background with the Yxy color 54.8334, 0.3551, 0.3015.



This preview shows how white text looks on a background with the Yxy color 54.8334, 0.3551, 0.3015.

# 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

54.8334, 0.3551, 0.3015

### Protanopia

55.3036, 0.2990, 0.3075

### Deuteranopia

55.0503, 0.3255, 0.3197



## Tritanopia

54.9361, 0.3636, 0.3152

# Trichromacy



## Original Color

54.8334, 0.3551, 0.3015

## Protanomaly

54.8660, 0.3179, 0.3048

## Deuteranomaly

54.9902, 0.3362, 0.3132

## Tritanomaly

54.7199, 0.3603, 0.3099

# Monochromacy



## Original Color

54.8334, 0.3551, 0.3015

## Achromatopsia

57.7580, 0.3127, 0.3290

## Achromatomaly

56.1834, 0.3271, 0.3187

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.8334, 0.3551, 0.3015 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(248, 175, 201)` looks like.

```
.text, #text, p{  
    color:rgb(248, 175, 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(248, 175, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 175, 201) }
```

## Border

The CSS property to change the border of an element to Yxy 54.8334, 0.3551, 0.3015 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(248, 175, 201) }
```

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

```
.border{ border-color:rgb(248, 175, 201) }
```

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

Here you see how a box with a 4 pixel rgb(248, 175, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 175, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 175, 201);  
box-shadow:4px 4px 4px 4px rgb(248, 175,  
201) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.8334, 0.3551, 0.3015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 175, 201) }
```

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

```
.background{ background-color: rgb(248,  
175, 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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