

# Converting Colors

Yxy(51.5317, 0.3621, 0.2941)

Have a look what the booklet for  
Yxy(51.5317, 0.3621, 0.2941)  
contains.

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# Color

**Yxy(51.4967, 0.3626, 0.2943)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBA5C6
RGB	251, 165, 198
RGB Percent	98%, 65%, 78%
CMY	0.0155, 0.3530, 0.2234
CMYK	0.00, 0.34, 0.21, 0.02
HSL	337°, 92%, 82%
HSV	337°, 34%, 98%
XYZ	63.4479, 51.4967, 60.0357
YIQ	194.4760, 40.6630, 28.4950

# Conversions

## Conversions Part 2

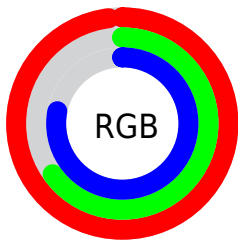
Format	Color
R <sub>Y</sub> B	251, 165, 198
Decimal	16491974
CIE Lab	76.98, 36.21, -3.69
CIE LCh	77, 36.398, 354.177
Yxy	51.4967, 0.3626, 0.2943
Android (android.graphics.Color)	4294682054 (0xFFFBA5C6)
YUV	194.4760, 1.7373, 49.5715
Hunter-Lab	71.7612, 32.2391, 0.6306

# Details

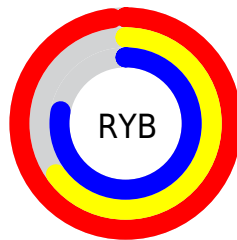
The Yxy color **51.4967, 0.3626, 0.2943** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.0863, 0.2803, 0.3670**, and the grayscale version is **54.2188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1929, 0.3143, 0.2960**, and **24.9394, 0.3763, 0.2859** is the 20% darker color. If you saturate the color by 10%, you get **42.6381, 0.3843, 0.2842**, and if you desaturate by 10%, it is **62.2104, 0.3445, 0.3048**.

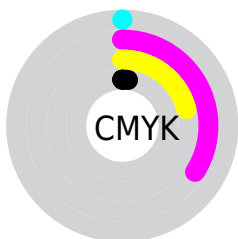
# Distribution



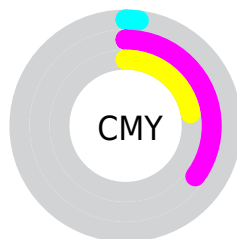
- Red (98%)
- Green (65%)
- Blue (78%)



- Red (98%)
- Yellow (65%)
- Blue (78%)



- Cyan (0%)
- Magenta (34%)
- Yellow (21%)
- Black (2%)




- Cyan (2%)
- Magenta (35%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4967, 0.3626, 0.2943 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 51.4967, 0.3626, 0.2943 by changing the saturation by 10% instead.





 51.4967, 0.3626,  
0.2943


 51.4967, 0.3626,  
0.2943


392.4905, 0.3383,  
0.3110

 36.6041, 0.3685,  
0.2903


 92.3886, 0.3539,  
0.3002

 24.9011, 0.3760,  
0.2853


 119.1566, 0.3506,  
0.3025

 16.0034, 0.3857,  
0.2787


150.6518, 0.3478,  
0.3045

 9.5265, 0.3990,  
0.2700

187.2587, 0.3453,  
0.3061

 5.0862, 0.4181,  
0.2575

229.3616, 0.3432,  
0.3076

 2.2979, 0.4478,  
0.2385

277.3450, 0.3414,

 0.7726, 0.5004,

0.3089

0.2055

331.5931, 0.3397,  
0.3100

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

51.4967, 0.3626,  
0.2943

51.4967, 0.3626,  
0.2943

42.6381, 0.3843,  
0.2842

62.2104, 0.3445,  
0.3048

35.5205, 0.4097,  
0.2752

74.8699, 0.3295,  
0.3151

30.0289, 0.4387,  
0.2685

89.5688, 0.3173,  
0.3250

26.0308, 0.4702,  
0.2654

99.2590, 0.3103,  
0.3290

■ 23.3727, 0.5024,  
0.2670

■ 21.8670, 0.5329,  
0.2740

■ 21.3707, 0.5490,  
0.2798

# Harmonies

## Analogous

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



51.4967, 0.3129, 0.2660



51.4967, 0.3626, 0.2943



51.4967, 0.3997, 0.3312

# Triad

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



51.4967, 0.3626, 0.2943



51.4967, 0.3548, 0.4182



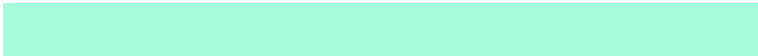
51.4967, 0.2232, 0.2767

# Complementary

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



51.4967, 0.3626, 0.2943



82.0863, 0.2803, 0.3670

# 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.



51.4967, 0.2324, 0.3170



51.4967, 0.3626, 0.2943



51.4967, 0.3065, 0.4056

# Square

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



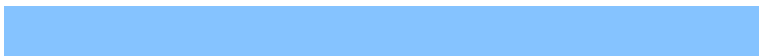
51.4967, 0.3626, 0.2943



51.4967, 0.3936, 0.4029



51.4967, 0.2620, 0.3662



51.4967, 0.2352, 0.2544



# Rectangle

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



51.4967, 0.3626, 0.2943



51.4967, 0.4105, 0.3574



51.4967, 0.2620, 0.3662



51.4967, 0.2239, 0.2883

# Sweetspot

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



51.4991, 0.3626, 0.2943



83.8249, 0.3240, 0.3194



48.5640, 0.2889, 0.2363



17.4928, 0.3257, 0.3180



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.



51.4991, 0.3626, 0.2943



46.9602, 0.3768, 0.2874



53.3464, 0.3911, 0.3384



17.3355, 0.3233, 0.3199



11.2542, 0.5447, 0.2774



1.0623, 0.5125, 0.2597



# Inverse Universe

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



51.4991, 0.3626, 0.2943



46.9602, 0.3768, 0.2874



78.7346, 0.2628, 0.3192



17.3355, 0.3233, 0.3199



11.2542, 0.5447, 0.2774



1.0623, 0.5125, 0.2597



# Previews

## White Background



This preview shows how the Yxy color 51.4967, 0.3626, 0.2943 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

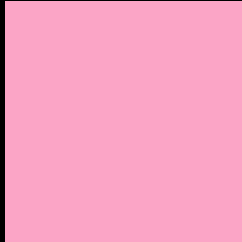
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 51.4967, 0.3626, 0.2943 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 51.4967, 0.3626, 0.2943**

## **Background**



This preview shows how black text looks on a background with the Yxy color 51.4967, 0.3626, 0.2943.



This preview shows how white text looks on a background with the Yxy color 51.4967, 0.3626, 0.2943.

# 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

51.4967, 0.3626, 0.2943

### Protanopia

51.7641, 0.2935, 0.2997

### Deuteranopia

51.8584, 0.3242, 0.3183



## Tritanopia

51.4812, 0.3760, 0.3152

# Trichromacy



## Original Color

51.4967, 0.3626, 0.2943



## Protanomaly

50.8982, 0.3159, 0.2962



## Deuteranomaly

51.4689, 0.3380, 0.3095



## Tritanomaly

51.5493, 0.3715, 0.3079

# Monochromacy



## Original Color

51.4967, 0.3626, 0.2943



## Achromatopsia

53.9479, 0.3127, 0.3290



## Achromatomaly

52.2542, 0.3304, 0.3150

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 51.4967, 0.3626, 0.2943 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, 165, 198)` looks like.

```
.text, #text, p{  
    color:rgb(251, 165, 198)  
}
```

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, 165, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 165, 198) }
```

## Border

The CSS property to change the border of an element to Yxy 51.4967, 0.3626, 0.2943 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, 165, 198) }
```

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

```
.border{ border-color:rgb(251, 165, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 165, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 165, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 165, 198);  
box-shadow:4px 4px 4px 4px rgb(251, 165,  
198) }
```



# Background

The CSS property to change the background color of an element to Yxy 51.4967, 0.3626, 0.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 165, 198) }
```

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

```
.background{ background-color: rgb(251,  
165, 198) }
```

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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