

# Converting Colors

Yxy(58.3663, 0.3438, 0.2878)

Have a look what the booklet for  
Yxy(58.3663, 0.3438, 0.2878)  
contains.

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# Color

**Yxy(58.4255, 0.3440, 0.2881)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEB3DB
RGB	254, 179, 219
RGB Percent	100%, 70%, 86%
CMY	0.0041, 0.2979, 0.1412
CMYK	0.00, 0.29, 0.14, 0.00
HSL	328°, 97%, 85%
HSV	328°, 29%, 100%
XYZ	69.7618, 58.4255, 74.6086
YIQ	205.9850, 31.8600, 28.3400

# Conversions

## Conversions Part 2

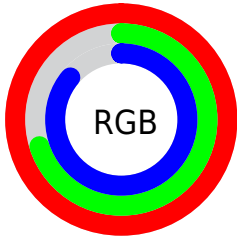
Format	Color
<a href="#">RYB</a>	<a href="#">254, 179, 219</a>
Decimal	<a href="#">16692187</a>
CIELab	<a href="#">80.97, 33.03, -9.12</a>
CIELCh	<a href="#">81, 34.263, 344.556</a>
Yxy	<a href="#">58.4255, 0.3440, 0.2881</a>
Android (android.graphics.Color)	<a href="#">4294882267 (0xFFFE3DB)</a>
YUV	<a href="#">205.9850, 6.4164, 42.1092</a>
Hunter-Lab	<a href="#">76.4366, 29.1486, -4.3665</a>

# Details

The Yxy color **58.4255, 0.3440, 0.2881** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.2892, 0.2901, 0.3740**, and the grayscale version is **61.6548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **29.0833, 0.3515, 0.2778** is the 20% darker color. If you saturate the color by 10%, you get **48.5646, 0.3588, 0.2739**, and if you desaturate by 10%, it is **70.2106, 0.3315, 0.3025**.

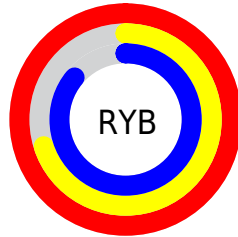
# Distribution



Red (100%)

Green (70%)

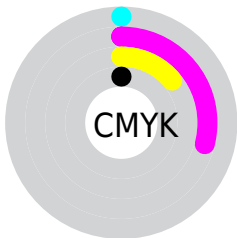
Blue (86%)



Red (100%)

Yellow (70%)

Blue (86%)

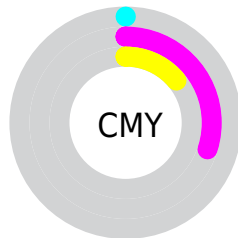


Cyan (0%)

Magenta (29%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (30%)


Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4255, 0.3440, 0.2881 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 58.4255, 0.3440, 0.2881 by changing the saturation by 10% instead.




 58.4255, 0.3440,  
0.2881

 58.4255, 0.3440,  
0.2881


418.7696, 0.3293,  
0.3071

 42.1508, 0.3474,  
0.2837


 102.5422, 0.3388,  
0.2947

 29.2194, 0.3517,  
0.2783


131.1531, 0.3369,  
0.2973

 19.2469, 0.3571,  
0.2715

164.6447, 0.3351,  
0.2995

 11.8488, 0.3643,  
0.2625

203.4017, 0.3337,  
0.3014

 6.6408, 0.3743,  
0.2503

247.8082, 0.3324,  
0.3031

 3.2385, 0.3890,  
0.2326

298.2488, 0.3312,

 1.2575, 0.4127,

0.3046

0.2051

355.1078, 0.3302,  
0.3059

0.1079, 0.5133,  
0.0608

0.0000, 0.0000,  
0.0000

58.4255, 0.3440,  
0.2881

58.4255, 0.3440,  
0.2881

48.5646, 0.3588,  
0.2739

70.2106, 0.3315,  
0.3025

40.5159, 0.3760,  
0.2605

84.0078, 0.3210,  
0.3164

34.1683, 0.3956,  
0.2490

99.7701, 0.3123,  
0.3294

29.3948, 0.4171,  
0.2406

99.7998, 0.3121,  
0.3290

■ 26.0505, 0.4398,  
0.2367

■ 23.9632, 0.4626,  
0.2380

■ 22.8662, 0.4846,  
0.2445

■ 22.8216, 0.4857,  
0.2449

# Harmonies

## Analogous

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



58.4255, 0.2987, 0.2658



58.4255, 0.3440, 0.2881



58.4255, 0.3825, 0.3201

# Triad

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



58.4255, 0.3440, 0.2881



58.4255, 0.3639, 0.4075



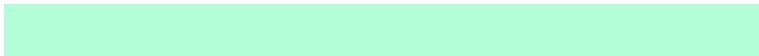
58.4255, 0.2318, 0.2922

# Complementary

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



58.4255, 0.3440, 0.2881



85.2892, 0.2901, 0.3740

# 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.



58.4255, 0.2466, 0.3325



58.4255, 0.3440, 0.2881



58.4255, 0.3217, 0.4042

# Square

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



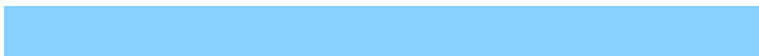
58.4255, 0.3440, 0.2881



58.4255, 0.3935, 0.3881



58.4255, 0.2789, 0.3756



58.4255, 0.2366, 0.2660



# Rectangle

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



58.4255, 0.3440, 0.2881



58.4255, 0.3976, 0.3439



58.4255, 0.2789, 0.3756



58.4255, 0.2346, 0.3044

# Sweetspot

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



58.4282, 0.3440, 0.2881



85.5507, 0.3205, 0.3171



53.5143, 0.2845, 0.2481



17.8464, 0.3219, 0.3151



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.



58.4282, 0.3440, 0.2881



53.2636, 0.3519, 0.2802



56.7242, 0.3756, 0.3252



18.1491, 0.3210, 0.3164



12.0682, 0.4823, 0.2430



1.1971, 0.4588, 0.2301



# Inverse Universe

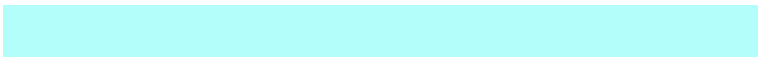
The Inverse Universe completely reimagines the original color for something new.



58.4282, 0.3440, 0.2881



53.2636, 0.3519, 0.2802



87.3491, 0.2718, 0.3329



18.1491, 0.3210, 0.3164



12.0682, 0.4823, 0.2430



1.1971, 0.4588, 0.2301



# Previews

## White Background



This preview shows how the Yxy color 58.4255, 0.3440, 0.2881 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

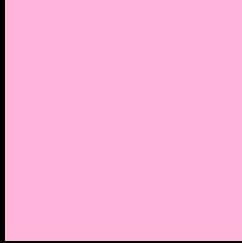
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 58.4255, 0.3440, 0.2881 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

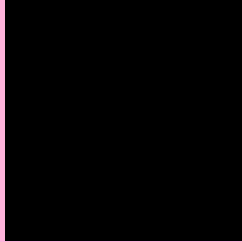
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 58.4255, 0.3440, 0.2881**

## Background



This preview shows how black text looks on a background with the Yxy color 58.4255, 0.3440, 0.2881.



This preview shows how white text looks on a background with the Yxy color 58.4255, 0.3440, 0.2881.

# 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

58.4255, 0.3440, 0.2881

### Protanopia

58.8705, 0.2878, 0.2922

### Deuteranopia

58.7339, 0.3122, 0.3063



## Tritanopia

58.4074, 0.3595, 0.3144

# Trichromacy



## Original Color

58.4255, 0.3440, 0.2881



## Protanomaly

57.9970, 0.3067, 0.2900



## Deuteranomaly

58.4947, 0.3238, 0.2994



## Tritanomaly

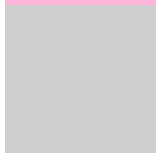
58.5591, 0.3537, 0.3051

# Monochromacy



## Original Color

58.4255, 0.3440, 0.2881



## Achromatopsia

61.7207, 0.3127, 0.3290



## Achromatomaly

59.8710, 0.3230, 0.3123

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 58.4255, 0.3440, 0.2881 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(254, 179, 219)` looks like.

```
.text, #text, p{  
    color:rgb(254, 179, 219)  
}
```

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(254, 179, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 179, 219) }
```

## Border

The CSS property to change the border of an element to Yxy 58.4255, 0.3440, 0.2881 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(254, 179, 219) }
```

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

```
.border{ border-color:rgb(254, 179, 219) }
```

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

Here you see how a box with a 4 pixel rgb(254, 179, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 179, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 179, 219);  
box-shadow:4px 4px 4px 4px rgb(254, 179,  
219) }
```



# Background

The CSS property to change the background color of an element to Yxy 58.4255, 0.3440, 0.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 179, 219) }
```

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

```
.background{ background-color: rgb(254,  
179, 219) }
```

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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