

# Converting Colors

$Yxy(57.6416, 0.3496, 0.3096)$

Have a look what the booklet for  
Yxy(57.6416, 0.3496, 0.3096)  
contains.

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# Color

**Yxy(57.7783, 0.3491, 0.3098)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4B8CA
RGB	244, 184, 202
RGB Percent	96%, 72%, 79%
CMY	0.0432, 0.2784, 0.2077
CMYK	0.00, 0.25, 0.17, 0.04
HSL	342°, 73%, 84%
HSV	342°, 25%, 96%
XYZ	65.1078, 57.7783, 63.6158
YIQ	203.9920, 29.9820, 18.3180

# Conversions

## Conversions Part 2

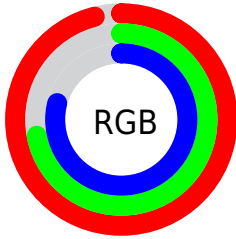
Format	Color
<a href="#">RYB</a>	<a href="#">244, 184, 202</a>
Decimal	<a href="#">16038090</a>
CIELab	<a href="#">80.62, 24.31, -0.62</a>
CIElCh	<a href="#">81, 24.322, 358.539</a>
Yxy	<a href="#">57.7783, 0.3491, 0.3098</a>
Android (android.graphics.Color)	<a href="#">4294228170</a> ( <a href="#">0xFFFF4B8CA</a> )
YUV	<a href="#">203.9920, -0.9821, 35.0870</a>
Hunter-Lab	<a href="#">76.0120, 19.8724, 3.5876</a>

# Details

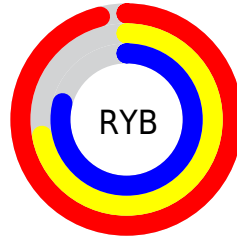
The Yxy color **57.7783, 0.3491, 0.3098** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.3724, 0.2860, 0.3492**, and the grayscale version is **60.3723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **28.9355, 0.3585, 0.3055** is the 20% darker color. If you saturate the color by 10%, you get **47.7385, 0.3699, 0.3016**, and if you desaturate by 10%, it is **69.6609, 0.3321, 0.3179**.

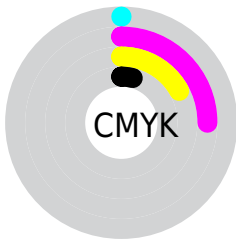
# Distribution



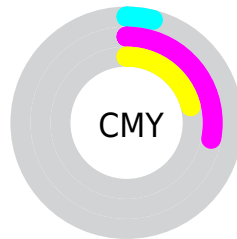
- Red (96%)
- Green (72%)
- Blue (79%)



- Red (96%)
- Yellow (72%)
- Blue (79%)



- Cyan (0%)
- Magenta (25%)
- Yellow (17%)
- Black (4%)




- Cyan (4%)
- Magenta (28%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7783, 0.3491, 0.3098 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 57.7783, 0.3491, 0.3098 by changing the saturation by 10% instead.





 57.7783, 0.3491,  
0.3098

 57.7783, 0.3491,  
0.3098

416.3593, 0.3316,  
0.3190

 41.6304, 0.3533,  
0.3076

 101.5999, 0.3429,  
0.3131

 28.8120, 0.3586,  
0.3048

130.0425, 0.3405,  
0.3143

 18.9387, 0.3654,  
0.3013


163.3521, 0.3385,  
0.3154

 11.6260, 0.3746,  
0.2964

201.9131, 0.3367,  
0.3163

 6.4895, 0.3877,  
0.2896

246.1100, 0.3352,  
0.3171

 3.1450, 0.4078,  
0.2792


296.3270, 0.3338,

 1.2079, 0.4423,

0.3178

0.2614


352.9487, 0.3326,  
0.3185

 0.0681, 0.7800,  
0.0807


 0.0000, 0.0000,  
0.0000


 57.7783, 0.3491,  
0.3098

 57.7783, 0.3491,  
0.3098


 47.7385, 0.3699,  
0.3016


 69.6609, 0.3321,  
0.3179


 39.4409, 0.3950,  
0.2937

 83.4643, 0.3182,  
0.3256

 32.7874, 0.4247,  
0.2869

 97.8569, 0.3069,  
0.3307

 27.6670, 0.4584,  
0.2822

 97.9703, 0.3060,  
0.3290

■ 23.9546, 0.4949,  
0.2808

■ 21.5051, 0.5315,  
0.2839

■ 20.1415, 0.5646,  
0.2916

■ 19.7154, 0.5804,  
0.2971

# Harmonies

## Analogous

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



57.7783, 0.3181, 0.2893



57.7783, 0.3491, 0.3098



57.7783, 0.3705, 0.3355

# Triad

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



57.7783, 0.3491, 0.3098



57.7783, 0.3365, 0.3854



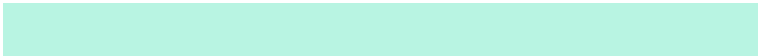
57.7783, 0.2537, 0.2929

# Complementary

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



57.7783, 0.3491, 0.3098



80.3724, 0.2860, 0.3492

# 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.



57.7783, 0.2581, 0.3180



57.7783, 0.3491, 0.3098



57.7783, 0.3050, 0.3740

# Square

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



57.7783, 0.3491, 0.3098



57.7783, 0.3626, 0.3798



57.7783, 0.2765, 0.3484



57.7783, 0.2640, 0.2790



# Rectangle

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



57.7783, 0.3491, 0.3098



57.7783, 0.3758, 0.3528



57.7783, 0.2765, 0.3484



57.7783, 0.2535, 0.3002

# Sweetspot

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



57.7809, 0.3491, 0.3098



88.3570, 0.3213, 0.3238



56.8220, 0.3008, 0.2649



18.7081, 0.3221, 0.3233



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.



57.7809, 0.3491, 0.3098



58.6528, 0.3579, 0.3061



61.7238, 0.3617, 0.3410



16.5645, 0.3246, 0.3219



10.7428, 0.5762, 0.2948



0.9616, 0.5408, 0.2753



# Inverse Universe

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



57.7809, 0.3491, 0.3098



58.6528, 0.3579, 0.3061



74.9937, 0.2754, 0.3166



16.5645, 0.3246, 0.3219



10.7428, 0.5762, 0.2948



0.9616, 0.5408, 0.2753



# Previews

## White Background



This preview shows how the Yxy color 57.7783, 0.3491, 0.3098 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

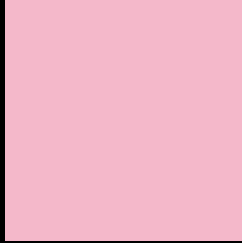
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 57.7783, 0.3491, 0.3098 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 57.7783, 0.3491, 0.3098**

## Background



This preview shows how black text looks on a background with the Yxy color 57.7783, 0.3491, 0.3098.



This preview shows how white text looks on a background with the Yxy color 57.7783, 0.3491, 0.3098.

# 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

57.7783, 0.3491, 0.3098

### Protanopia

57.9675, 0.3057, 0.3149

### Deuteranopia

57.9693, 0.3292, 0.3222



## Tritanopia

58.0545, 0.3515, 0.3141

# Trichromacy



## Original Color

57.7783, 0.3491, 0.3098

## Protanomaly

57.8894, 0.3207, 0.3131

## Deuteranomaly

57.7020, 0.3364, 0.3168

## Tritanomaly

58.1012, 0.3506, 0.3130

# Monochromacy



## Original Color

57.7783, 0.3491, 0.3098

## Achromatopsia

60.3827, 0.3127, 0.3290

## Achromatomaly

59.3044, 0.3258, 0.3222

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 57.7783, 0.3491, 0.3098 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(244, 184, 202)` looks like.

```
.text, #text, p{  
    color:rgb(244, 184, 202)  
}
```

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(244, 184, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 184, 202) }
```

## Border

The CSS property to change the border of an element to Yxy 57.7783, 0.3491, 0.3098 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(244, 184, 202) }
```

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

```
.border{ border-color:rgb(244, 184, 202) }
```

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

Here you see how a box with a 4 pixel rgb(244, 184, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 184, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 184, 202);  
box-shadow:4px 4px 4px 4px rgb(244, 184,  
202) }
```



# Background

The CSS property to change the background color of an element to Yxy 57.7783, 0.3491, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 184, 202) }
```

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

```
.background{ background-color: rgb(244,  
184, 202) }
```

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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