

Converting Colors

$Yxy(57.9054, 0.3594, 0.3195)$

Have a look what the booklet for
Yxy(57.9054, 0.3594, 0.3195)
contains.

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Color

Yxy(57.9054, 0.3594, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	F7B8C1
RGB	247, 184, 193
RGB Percent	97%, 72%, 76%
CMY	0.0312, 0.2785, 0.2431
CMYK	0.00, 0.26, 0.22, 0.03
HSL	351°, 80%, 85%
HSV	351°, 26%, 97%
XYZ	65.1368, 57.9054, 58.1954
YIQ	203.8630, 34.6590, 16.1550

Conversions

Conversions Part 2

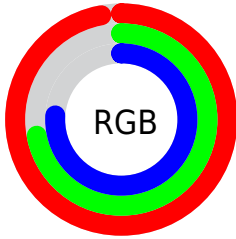
Format	Color
R_{YB}	247, 184, 193
Decimal	16234689
CIE _{Lab}	80.69, 24.07, 4.39
CIE _{LCh}	81, 24.471, 10.340
Y _{xy}	57.9054, 0.3594, 0.3195
Android (android.graphics.Color)	4294424769 (0xFFFF7B8C1)
Y _{UV}	203.8630, -5.3555, 37.8311
Hunter-Lab	76.0956, 19.6262, 7.9239

Details

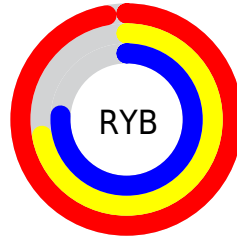
The Yxy color **57.9054, 0.3594, 0.3195** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.9156, 0.2798, 0.3388**, and the grayscale version is **60.3136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4197, 0.3171, 0.3203**, and **29.0732, 0.3714, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **47.6477, 0.3859, 0.3156**, and if you desaturate by 10%, it is **70.0959, 0.3380, 0.3234**.

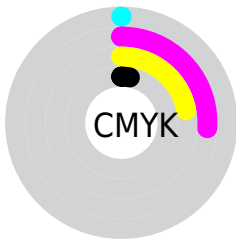
Distribution



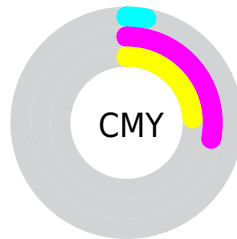
- Red (97%)
- Green (72%)
- Blue (76%)



- Red (97%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (26%)
- Yellow (22%)
- Black (3%)




- Cyan (3%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9054, 0.3594, 0.3195 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 57.9054, 0.3594, 0.3195 by changing the saturation by 10% instead.


 57.9054, 0.3594,
0.3195

 57.9054, 0.3594,
0.3195


416.8333, 0.3368,
0.3243

 41.7326, 0.3648,
0.3183


 101.7851, 0.3513,
0.3213

 28.8920, 0.3717,
0.3167


130.2608, 0.3483,
0.3219

 18.9991, 0.3806,
0.3146


163.6062, 0.3456,
0.3225

 11.6696, 0.3927,
0.3117

202.2058, 0.3434,
0.3230

 6.5191, 0.4099,
0.3073

246.4439, 0.3414,
0.3234

 3.1632, 0.4365,
0.3002

296.7049, 0.3397,

 1.2175, 0.4821,

0.3237

0.2868

353.3733, 0.3381,
0.3241

0.0760, 0.8968,
0.1032

0.0000, 0.0000,
0.0000

57.9054, 0.3594,
0.3195

57.9054, 0.3594,
0.3195

47.6477, 0.3859,
0.3156

70.0959, 0.3380,
0.3234

39.2158, 0.4180,
0.3120

84.3029, 0.3207,
0.3271

32.5048, 0.4560,
0.3092

98.5232, 0.3078,
0.3290

27.3955, 0.4985,
0.3079

■ 23.7536, 0.5426,
0.3088

■ 21.4231, 0.5830,
0.3124

■ 20.2116, 0.6138,
0.3184

■ 19.9065, 0.6238,
0.3210

Harmonies

Analogous

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



57.9054, 0.3309, 0.2963



57.9054, 0.3594, 0.3195



57.9054, 0.3749, 0.3459

Triad

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



57.9054, 0.3594, 0.3195



57.9054, 0.3243, 0.3833



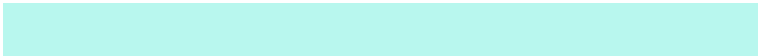
57.9054, 0.2557, 0.2856

Complementary

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



57.9054, 0.3594, 0.3195



82.9156, 0.2798, 0.3388

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.



57.9054, 0.2543, 0.3069



57.9054, 0.3594, 0.3195



57.9054, 0.2928, 0.3654

Square

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



57.9054, 0.3594, 0.3195



57.9054, 0.3538, 0.3842



57.9054, 0.2675, 0.3364



57.9054, 0.2715, 0.2768

Rectangle

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



57.9054, 0.3594, 0.3195



57.9054, 0.3754, 0.3625



57.9054, 0.2675, 0.3364



57.9054, 0.2536, 0.2915

Sweetspot

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



57.9081, 0.3594, 0.3195



86.5925, 0.3247, 0.3262



59.0993, 0.3083, 0.2639



18.0294, 0.3272, 0.3256



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.



57.9081, 0.3594, 0.3195



55.8897, 0.3733, 0.3173



67.4136, 0.3614, 0.3525



16.5211, 0.3271, 0.3256



10.5353, 0.6209, 0.3194



0.9375, 0.5915, 0.3032

Inverse Universe

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



57.9081, 0.3594, 0.3195



55.8897, 0.3733, 0.3173



70.7450, 0.2729, 0.3042



16.5211, 0.3271, 0.3256



10.5353, 0.6209, 0.3194



0.9375, 0.5915, 0.3032

Previews

White Background



This preview shows how the Yxy color 57.9054, 0.3594, 0.3195 looks on a white background.

Color Contrast Check

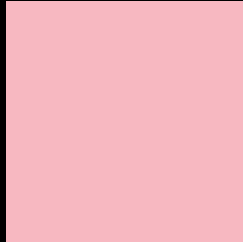
Large Text (above 18pt) WCAG AA × Fail

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 57.9054, 0.3594, 0.3195 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 57.9054, 0.3594, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 57.9054, 0.3594, 0.3195.

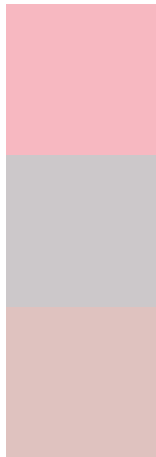


This preview shows how white text looks on a background with the Yxy color 57.9054, 0.3594, 0.3195.

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

57.9054, 0.3594, 0.3195

Protanopia

58.4102, 0.3144, 0.3267

Deuteranopia

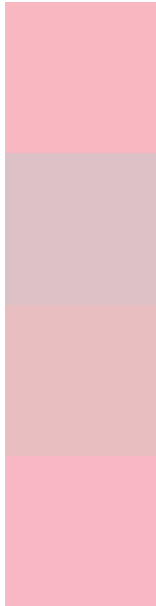
58.0331, 0.3388, 0.3325



Tritanopia

57.8546, 0.3570, 0.3142

Trichromacy



Original Color

57.9054, 0.3594, 0.3195

Protanomaly

57.9227, 0.3300, 0.3233

Deuteranomaly

57.7885, 0.3462, 0.3269

Tritanomaly

57.8090, 0.3578, 0.3153

Monochromacy



Original Color

57.9054, 0.3594, 0.3195

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.3183, 0.3289, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9054, 0.3594, 0.3195 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(247, 184, 193)` looks like.

```
.text, #text, p{  
    color:rgb(247, 184, 193)  
}
```

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(247, 184, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 184, 193) }
```

Border

The CSS property to change the border of an element to Yxy 57.9054, 0.3594, 0.3195 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(247, 184, 193) }
```

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

```
.border{ border-color:rgb(247, 184, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 184, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 184, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 184, 193);  
box-shadow:4px 4px 4px 4px rgb(247, 184,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9054, 0.3594, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 184, 193) }
```

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

```
.background{ background-color: rgb(247,  
184, 193) }
```

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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