

Converting Colors

Yxy(58.0347, 0.3648, 0.3240)

Have a look what the booklet for
Yxy(58.0347, 0.3648, 0.3240)
contains.

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Color

Yxy(58.0948, 0.3645, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	F9B8BD
RGB	249, 184, 189
RGB Percent	98%, 72%, 74%
CMY	0.0235, 0.2784, 0.2587
CMYK	0.00, 0.26, 0.24, 0.02
HSL	355°, 84%, 85%
HSV	355°, 26%, 98%
XYZ	65.3970, 58.0948, 55.9239
YIQ	204.0050, 37.1350, 15.3350

Conversions

Conversions Part 2

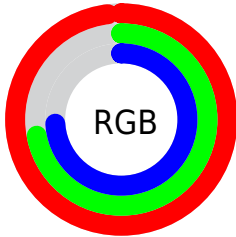
Format	Color
R _Y B	249, 184, 189
Decimal	16365757
CIE Lab	80.79, 24.21, 6.71
CIE LCh	81, 25.120, 15.502
Yxy	58.0948, 0.3645, 0.3238
Android (android.graphics.Color)	4294555837 (0xFFF9B8BD)
YUV	204.0050, -7.3975, 39.4606
Hunter-Lab	76.2199, 19.7688, 9.8519

Details

The Yxy color **58.0948, 0.3645, 0.3238** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.4781, 0.2770, 0.3344**, and the grayscale version is **60.4195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1727, 0.3195, 0.3242**, and **29.0865, 0.3773, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **47.7267, 0.3935, 0.3218**, and if you desaturate by 10%, it is **70.4472, 0.3411, 0.3259**.

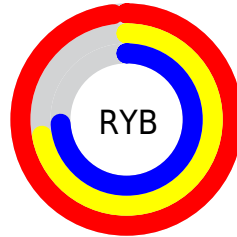
Distribution



Red (98%)

Green (72%)

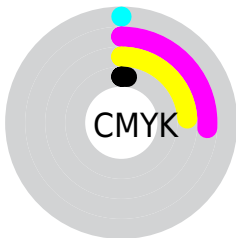
Blue (74%)



Red (98%)

Yellow (72%)

Blue (74%)

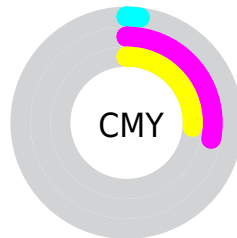


Cyan (0%)

Magenta (26%)

Yellow (24%)

Black (2%)



Cyan (2%)


Magenta (28%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0948, 0.3645, 0.3238 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 58.0948, 0.3645, 0.3238 by changing the saturation by 10% instead.


 58.0948, 0.3645,
0.3238

 58.0948, 0.3645,
0.3238


417.5391, 0.3394,
0.3267

 41.8849, 0.3705,
0.3230

 102.0609, 0.3555,
0.3249

 29.0111, 0.3782,
0.3220


130.5859, 0.3521,
0.3253

 19.0893, 0.3881,
0.3205


163.9846, 0.3492,
0.3256

 11.7348, 0.4015,
0.3184

202.6415, 0.3467,
0.3259

 6.5634, 0.4207,
0.3150

246.9411, 0.3445,
0.3262

 3.1906, 0.4501,
0.3092


297.2676, 0.3426,

 1.2320, 0.5011,


0.3264


0.2979

354.0054, 0.3409,
0.3265


 0.0876, 0.8850,
0.1150


 0.0000, 0.0000,
0.0000


 58.0948, 0.3645,
0.3238

 58.0948, 0.3645,
0.3238

 47.7267, 0.3935,
0.3218


 70.4472, 0.3411,
0.3259

 39.2317, 0.4288,
0.3199

 84.8710, 0.3223,
0.3279

 32.5006, 0.4702,
0.3186

 98.8814, 0.3090,
0.3290

 27.4090, 0.5159,
0.3182

■ 23.8168, 0.5616,
0.3192

■ 21.5602, 0.6008,
0.3217

■ 20.4366, 0.6272,
0.3254

■ 20.1893, 0.6338,
0.3265

Harmonies

Analogous

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



58.0948, 0.3370, 0.2991



58.0948, 0.3645, 0.3238



58.0948, 0.3775, 0.3508

Triad

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



58.0948, 0.3645, 0.3238



58.0948, 0.3189, 0.3828



58.0948, 0.2561, 0.2820

Complementary

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



58.0948, 0.3645, 0.3238



84.4781, 0.2770, 0.3344

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.



58.0948, 0.2520, 0.3018



58.0948, 0.3645, 0.3238



58.0948, 0.2872, 0.3618

Square

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



58.0948, 0.3645, 0.3238



58.0948, 0.3501, 0.3867



58.0948, 0.2631, 0.3311



58.0948, 0.2745, 0.2753

Rectangle

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



58.0948, 0.3645, 0.3238



58.0948, 0.3758, 0.3672



58.0948, 0.2631, 0.3311



58.0948, 0.2531, 0.2872

Sweetspot

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



58.0975, 0.3645, 0.3238



86.5143, 0.3255, 0.3275



60.2812, 0.3116, 0.2630



18.0098, 0.3282, 0.3272



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.



58.0975, 0.3645, 0.3238



55.6709, 0.3781, 0.3228



70.2339, 0.3616, 0.3575



17.2470, 0.3282, 0.3272



10.8138, 0.6319, 0.3255



1.0088, 0.6136, 0.3154

Inverse Universe

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



58.0975, 0.3645, 0.3238



55.6709, 0.3781, 0.3228



69.2315, 0.2716, 0.2986



17.2470, 0.3282, 0.3272



10.8138, 0.6319, 0.3255



1.0088, 0.6136, 0.3154

Previews

White Background



This preview shows how the Yxy color 58.0948, 0.3645, 0.3238 looks on a white background.

Color Contrast Check

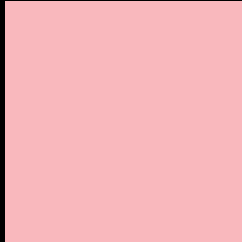
Large Text (above 18pt) WCAG AA × Fail

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 58.0948, 0.3645, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

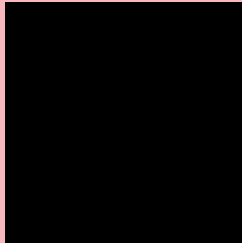
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0948, 0.3645, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 58.0948, 0.3645, 0.3238.



This preview shows how white text looks on a background with the Yxy color 58.0948, 0.3645, 0.3238.

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

58.0948, 0.3645, 0.3238

Protanopia

58.3649, 0.3181, 0.3314

Deuteranopia

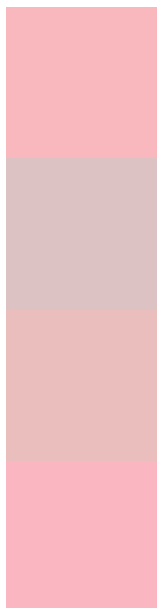
58.1790, 0.3436, 0.3371



Tritanopia

58.2222, 0.3587, 0.3143

Trichromacy



Original Color

58.0948, 0.3645, 0.3238

Protanomaly

57.8959, 0.3340, 0.3279

Deuteranomaly

57.9502, 0.3512, 0.3313

Tritanomaly

58.0860, 0.3613, 0.3175

Monochromacy



Original Color

58.0948, 0.3645, 0.3238

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.2717, 0.3296, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0948, 0.3645, 0.3238 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(249, 184, 189)` looks like.

```
.text, #text, p{  
    color:rgb(249, 184, 189)  
}
```

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(249, 184, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 184, 189) }
```

Border

The CSS property to change the border of an element to Yxy 58.0948, 0.3645, 0.3238 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(249, 184, 189) }
```

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

```
.border{ border-color:rgb(249, 184, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 184, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 184, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 184, 189);  
box-shadow:4px 4px 4px 4px rgb(249, 184,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0948, 0.3645, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 184, 189) }
```

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

```
.background{ background-color: rgb(249,  
184, 189) }
```

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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