

Converting Colors

Yxy(57.4325, 0.3641, 0.3193)

Have a look what the booklet for
Yxy(57.4325, 0.3641, 0.3193)
contains.

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Color

Yxy(57.5415, 0.3641, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	FAB6BF
RGB	250, 182, 191
RGB Percent	98%, 71%, 75%
CMY	0.0197, 0.2862, 0.2509
CMYK	0.00, 0.27, 0.24, 0.02
HSL	352°, 87%, 85%
HSV	352°, 27%, 98%
XYZ	65.5534, 57.5415, 56.9474
YIQ	203.3580, 37.6390, 17.2150

Conversions

Conversions Part 2

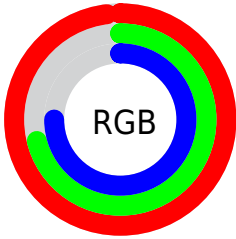
Format	Color
R _Y B	250, 182, 191
Decimal	16430783
CIE Lab	80.48, 25.89, 5.21
CIE LCh	80, 26.406, 11.382
Yxy	57.5415, 0.3641, 0.3196
Android (android.graphics.Color)	4294620863 (0xFFFA6BF)
YUV	203.3580, -6.0925, 40.9050
Hunter-Lab	75.8561, 21.5080, 8.5886

Details

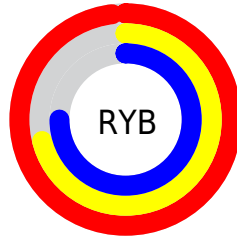
The Yxy color **57.5415, 0.3641, 0.3196** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.6594, 0.2775, 0.3388**, and the grayscale version is **59.9807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1245, 0.3184, 0.3203**, and **28.7420, 0.3768, 0.3169** is the 20% darker color. If you saturate the color by 10%, you get **47.3165, 0.3919, 0.3160**, and if you desaturate by 10%, it is **69.7409, 0.3416, 0.3232**.

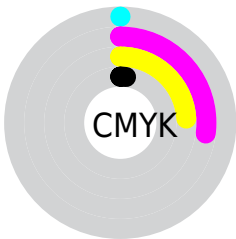
Distribution



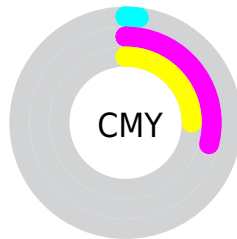
- Red (98%)
- Green (71%)
- Blue (75%)



- Red (98%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (2%)





- Cyan (2%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5415, 0.3641, 0.3196 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 57.5415, 0.3641, 0.3196 by changing the saturation by 10% instead.


 57.5415, 0.3641,
0.3196

 57.5415, 0.3641,
0.3196


415.4753, 0.3392,
0.3245

 41.4402, 0.3701,
0.3184

 101.2549, 0.3552,
0.3214

 28.6632, 0.3777,
0.3167


129.6357, 0.3518,
0.3221

 18.8262, 0.3875,
0.3146


162.8785, 0.3489,
0.3226

 11.5447, 0.4009,
0.3115

201.3676, 0.3464,
0.3231

 6.4345, 0.4200,
0.3069

245.4874, 0.3443,
0.3235

 3.1110, 0.4493,
0.2993

295.6224, 0.3424,

 1.1900, 0.4999,

0.3239

0.2849

352.1569, 0.3407,
0.3242

0.0535, 0.9273,
0.0727

0.0000, 0.0000,
0.0000

57.5415, 0.3641,
0.3196

57.5415, 0.3641,
0.3196

47.3165, 0.3919,
0.3160

69.7409, 0.3416,
0.3232

38.9544, 0.4255,
0.3128

84.0026, 0.3235,
0.3267

32.3450, 0.4649,
0.3104

99.0615, 0.3096,
0.3290

27.3633, 0.5085,
0.3096

■ 23.8674, 0.5527,
0.3109

■ 21.6912, 0.5918,
0.3148

■ 20.6216, 0.6200,
0.3207

■ 20.4318, 0.6259,
0.3221

Harmonies

Analogous

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



57.5415, 0.3336, 0.2945



57.5415, 0.3641, 0.3196



57.5415, 0.3803, 0.3480

Triad

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



57.5415, 0.3641, 0.3196



57.5415, 0.3239, 0.3876



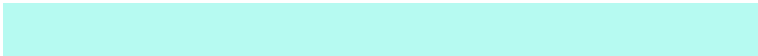
57.5415, 0.2517, 0.2816

Complementary

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



57.5415, 0.3641, 0.3196



84.6594, 0.2775, 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.



57.5415, 0.2496, 0.3040



57.5415, 0.3641, 0.3196



57.5415, 0.2900, 0.3676

Square

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



57.5415, 0.3641, 0.3196



57.5415, 0.3560, 0.3890



57.5415, 0.2632, 0.3358



57.5415, 0.2691, 0.2727

Rectangle

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



57.5415, 0.3641, 0.3196



57.5415, 0.3803, 0.3658



57.5415, 0.2632, 0.3358



57.5415, 0.2492, 0.2876

Sweetspot

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



57.5442, 0.3641, 0.3196



86.5799, 0.3248, 0.3264



59.0491, 0.3088, 0.2597



18.0262, 0.3273, 0.3259



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.



57.5442, 0.3641, 0.3196



53.7062, 0.3796, 0.3175



68.2938, 0.3650, 0.3553



17.2626, 0.3273, 0.3259



10.8506, 0.6232, 0.3206



1.0162, 0.5964, 0.3059

Inverse Universe

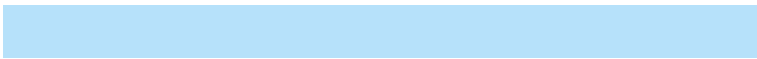
The Inverse Universe completely reimagines the original color for something new.



57.5442, 0.3641, 0.3196



53.7062, 0.3796, 0.3175



70.7319, 0.2702, 0.3010



17.2626, 0.3273, 0.3259



10.8506, 0.6232, 0.3206



1.0162, 0.5964, 0.3059

Previews

White Background



This preview shows how the Yxy color 57.5415, 0.3641, 0.3196 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 57.5415, 0.3641, 0.3196 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 57.5415, 0.3641, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 57.5415, 0.3641, 0.3196.



This preview shows how white text looks on a background with the Yxy color 57.5415, 0.3641, 0.3196.

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

57.5415, 0.3641, 0.3196

Protanopia

57.7604, 0.3144, 0.3266

Deuteranopia

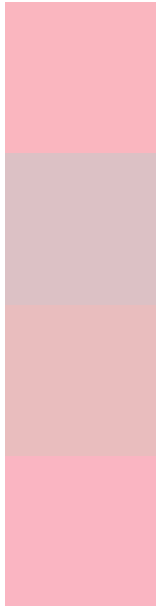
57.6613, 0.3414, 0.3336



Tritanopia

57.3119, 0.3609, 0.3143

Trichromacy



Original Color

57.5415, 0.3641, 0.3196

Protanomaly

57.3868, 0.3317, 0.3245

Deuteranomaly

57.4365, 0.3489, 0.3280

Tritanomaly

57.2668, 0.3617, 0.3154

Monochromacy



Original Color

57.5415, 0.3641, 0.3196

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.3694, 0.3299, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5415, 0.3641, 0.3196 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(250, 182, 191)` looks like.

```
.text, #text, p{  
    color:rgb(250, 182, 191)  
}
```

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(250, 182, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 182, 191) }
```

Border

The CSS property to change the border of an element to Yxy 57.5415, 0.3641, 0.3196 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(250, 182, 191) }
```

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

```
.border{ border-color:rgb(250, 182, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 182, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 182, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 182, 191);  
box-shadow:4px 4px 4px 4px rgb(250, 182,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5415, 0.3641, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 182, 191) }
```

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

```
.background{ background-color: rgb(250,  
182, 191) }
```

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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