

Converting Colors

Yxy(57.1291, 0.3584, 0.3240)

Have a look what the booklet for
Yxy(57.1291, 0.3584, 0.3240)
contains.

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Color

Yxy(57.2493, 0.3583, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	F2B9BD
RGB	242, 185, 189
RGB Percent	95%, 73%, 74%
CMY	0.0509, 0.2745, 0.2589
CMYK	0.00, 0.24, 0.22, 0.05
HSL	356°, 69%, 84%
HSV	356°, 24%, 95%
XYZ	63.1540, 57.2493, 55.8568
YIQ	202.4990, 32.6880, 13.3280

Conversions

Conversions Part 2

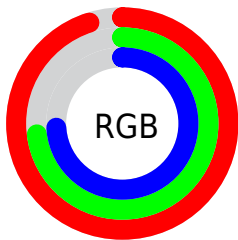
Format	Color
R _Y B	242, 185, 189
Decimal	15907261
CIE Lab	80.32, 21.13, 5.96
CIE LCh	80, 21.960, 15.759
Yxy	57.2493, 0.3583, 0.3248
Android (android.graphics.Color)	4294097341 (0xFFFF2B9BD)
YUV	202.4990, -6.6550, 34.6424
Hunter-Lab	75.6633, 16.5782, 9.1947

Details

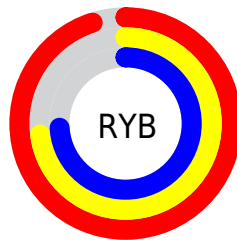
The Yxy color **57.2493, 0.3583, 0.3248** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.0013, 0.2800, 0.3333**, and the grayscale version is **59.4193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7632, 0.3195, 0.3251**, and **28.5944, 0.3700, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **47.0704, 0.3860, 0.3229**, and if you desaturate by 10%, it is **69.3085, 0.3360, 0.3267**.

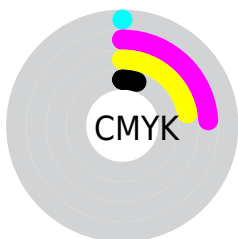
Distribution



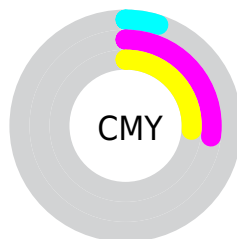
- Red (95%)
- Green (73%)
- Blue (74%)



- Red (95%)
- Yellow (73%)
- Blue (74%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)
- Black (5%)





- Cyan (5%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2493, 0.3583, 0.3248 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 57.2493, 0.3583, 0.3248 by changing the saturation by 10% instead.

 57.2493, 0.3583,
0.3248

 57.2493, 0.3583,
0.3248

414.3828, 0.3361,
0.3271

 41.2054, 0.3636,
0.3242

 100.8289, 0.3504,
0.3257

 28.4796, 0.3704,
0.3233


129.1333, 0.3474,
0.3260

 18.6875, 0.3792,
0.3221


162.2935, 0.3448,
0.3263

 11.4447, 0.3912,
0.3204

200.6937, 0.3426,
0.3265

 6.3668, 0.4083,
0.3177

244.7183, 0.3407,
0.3267

 3.0694, 0.4348,
0.3129


294.7518, 0.3390,

 1.1681, 0.4816,


0.3269

0.3035


351.1785, 0.3375,
0.3270


 0.0354, 0.9395,
0.0605


 0.0000, 0.0000,
0.0000


 57.2493, 0.3583,
0.3248

 57.2493, 0.3583,
0.3248


 47.0704, 0.3860,
0.3229

 69.3085, 0.3360,
0.3267

 38.6698, 0.4198,
0.3212

 83.3278, 0.3182,
0.3284

 31.9477, 0.4600,
0.3199

 97.6195, 0.3048,
0.3290

 26.7912, 0.5051,
0.3193

■ 23.0737, 0.5515,
0.3199

■ 20.6489, 0.5930,
0.3219

■ 19.3393, 0.6228,
0.3250

■ 18.9197, 0.6344,
0.3268

Harmonies

Analogous

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



57.2493, 0.3343, 0.3028



57.2493, 0.3583, 0.3248



57.2493, 0.3695, 0.3487

Triad

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



57.2493, 0.3583, 0.3248



57.2493, 0.3181, 0.3758



57.2493, 0.2628, 0.2876

Complementary

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



57.2493, 0.3583, 0.3248



80.0013, 0.2800, 0.3333

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.



57.2493, 0.2591, 0.3051



57.2493, 0.3583, 0.3248



57.2493, 0.2901, 0.3574

Square

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



57.2493, 0.3583, 0.3248



57.2493, 0.3455, 0.3797



57.2493, 0.2688, 0.3308



57.2493, 0.2793, 0.2816

Rectangle

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



57.2493, 0.3583, 0.3248



57.2493, 0.3681, 0.3631



57.2493, 0.2688, 0.3308



57.2493, 0.2600, 0.2922

Sweetspot

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



57.2519, 0.3583, 0.3248



88.1117, 0.3239, 0.3278



59.1602, 0.3117, 0.2697



18.6514, 0.3249, 0.3277



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.



57.2519, 0.3583, 0.3248



59.0313, 0.3701, 0.3240



67.8641, 0.3559, 0.3546



15.7767, 0.3282, 0.3274



10.1696, 0.6326, 0.3258



0.8522, 0.6141, 0.3157

Inverse Universe

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



57.2519, 0.3583, 0.3248



59.0313, 0.3701, 0.3240



67.0032, 0.2757, 0.3019



15.7767, 0.3282, 0.3274



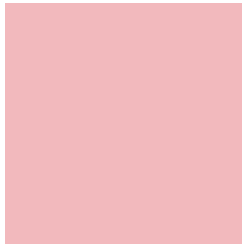
10.1696, 0.6326, 0.3258



0.8522, 0.6141, 0.3157

Previews

White Background



This preview shows how the Yxy color 57.2493, 0.3583, 0.3248 looks on a white background.

Color Contrast Check

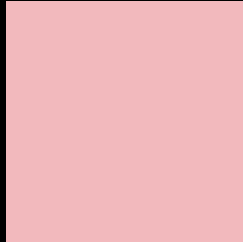
Large Text (above 18pt) WCAG AA × Fail

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 57.2493, 0.3583, 0.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

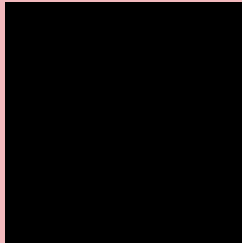
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2493, 0.3583, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 57.2493, 0.3583, 0.3248.



This preview shows how white text looks on a background with the Yxy color 57.2493, 0.3583, 0.3248.

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

57.2493, 0.3583, 0.3248

Protanopia

57.7154, 0.3181, 0.3314

Deuteranopia

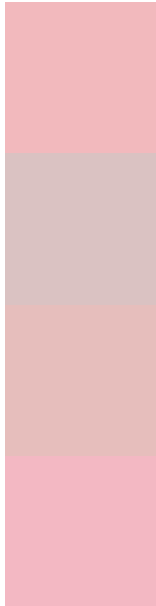
57.4587, 0.3413, 0.3348



Tritanopia

57.4129, 0.3517, 0.3140

Trichromacy



Original Color

57.2493, 0.3583, 0.3248

Protanomaly

57.3840, 0.3323, 0.3291

Deuteranomaly

57.2807, 0.3478, 0.3314

Tritanomaly

57.2758, 0.3542, 0.3172

Monochromacy



Original Color

57.2493, 0.3583, 0.3248

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.3088, 0.3281, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2493, 0.3583, 0.3248 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(242, 185, 189)` looks like.

```
.text, #text, p{  
    color:rgb(242, 185, 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(242, 185, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 185, 189) }
```

Border

The CSS property to change the border of an element to Yxy 57.2493, 0.3583, 0.3248 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(242, 185, 189) }
```

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

```
.border{ border-color:rgb(242, 185, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 185, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 185, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 185, 189);  
box-shadow:4px 4px 4px 4px rgb(242, 185,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2493, 0.3583, 0.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 185, 189) }
```

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

```
.background{ background-color: rgb(242,  
185, 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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