

Converting Colors

$Y_{xy}(57.8226, 0.3654, 0.3390)$

Have a look what the booklet for
Yxy(57.8226, 0.3654, 0.3390)
contains.

Yxy(57.9219, 0.3652, 0.3390)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.9219, 0.3652, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	F1BCB3
RGB	241, 188, 179
RGB Percent	95%, 74%, 70%
CMY	0.0549, 0.2627, 0.2980
CMYK	0.00, 0.22, 0.26, 0.05
HSL	9°, 69%, 82%
HSV	9°, 26%, 95%
XYZ	62.3985, 57.9219, 50.5407
YIQ	202.8210, 34.4770, 8.4370

Conversions

Conversions Part 2

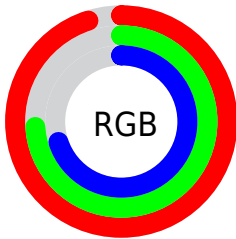
Format	Color
R _Y B	241, 190, 179
Decimal	15842483
CIE Lab	80.70, 17.77, 11.86
CIE LCh	81, 21.364, 33.726
Yxy	57.9219, 0.3652, 0.3390
Android (android.graphics.Color)	4294032563 (0xFFF1BCB3)
YUV	202.8210, -11.7438, 33.4830
Hunter-Lab	76.1064, 13.1630, 13.9013

Details

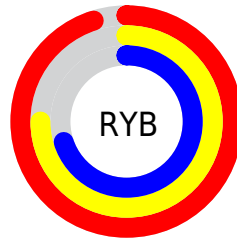
The Yxy color **57.9219, 0.3652, 0.3390** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.6569, 0.2740, 0.3187**, and the grayscale version is **59.6638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9595, 0.3254, 0.3378**, and **29.0247, 0.3794, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **48.8492, 0.3939, 0.3431**, and if you desaturate by 10%, it is **68.4271, 0.3415, 0.3349**.

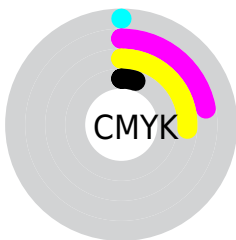
Distribution



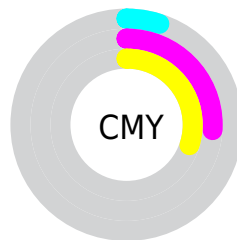
- Red (95%)
- Green (74%)
- Blue (70%)



- Red (95%)
- Yellow (75%)
- Blue (70%)



- Cyan (0%)
- Magenta (22%)
- Yellow (26%)
- Black (5%)





- Cyan (5%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9219, 0.3652, 0.3390 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 57.9219, 0.3652, 0.3390 by changing the saturation by 10% instead.


 57.9219, 0.3652,
0.3390

 57.9219, 0.3652,
0.3390

416.8949, 0.3397,
0.3347

 41.7459, 0.3713,
0.3399


 101.8091, 0.3561,
0.3376

 28.9023, 0.3791,
0.3409


130.2891, 0.3526,
0.3370

 19.0070, 0.3892,
0.3421


163.6392, 0.3497,
0.3365

 11.6753, 0.4029,
0.3434

202.2437, 0.3471,
0.3361

 6.5230, 0.4224,
0.3448

246.4872, 0.3449,
0.3357

 3.1656, 0.4523,
0.3458

296.7539, 0.3429,

 1.2188, 0.5150,

0.3353

353.4284, 0.3412,
0.3350

0.3522

0.0770, 0.8682,
0.1318

0.0000, 0.0000,
0.0000

57.9219, 0.3652,
0.3390

57.9219, 0.3652,
0.3390

48.8492, 0.3939,
0.3431

68.4271, 0.3415,
0.3349

41.1392, 0.4281,
0.3470

80.4148, 0.3222,
0.3311

34.7281, 0.4677,
0.3500

93.9426, 0.3063,
0.3275

29.5438, 0.5110,
0.3516

97.4427, 0.3042,
0.3290

■ 25.5073, 0.5545,
0.3510

■ 22.5299, 0.5928,
0.3475

■ 20.5097, 0.6202,
0.3417

■ 19.9030, 0.6285,
0.3392

Harmonies

Analogous

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



57.9219, 0.3487, 0.3159



57.9219, 0.3652, 0.3390



57.9219, 0.3668, 0.3608

Triad

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



57.9219, 0.3652, 0.3390



57.9219, 0.3013, 0.3651



57.9219, 0.2726, 0.2839

Complementary

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



57.9219, 0.3652, 0.3390



73.6569, 0.2740, 0.3187

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.



57.9219, 0.2612, 0.2944



57.9219, 0.3652, 0.3390



57.9219, 0.2773, 0.3415

Square

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



57.9219, 0.3652, 0.3390



57.9219, 0.3291, 0.3776



57.9219, 0.2629, 0.3152



57.9219, 0.2946, 0.2850

Rectangle

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



57.9219, 0.3652, 0.3390



57.9219, 0.3593, 0.3717



57.9219, 0.2629, 0.3152



57.9219, 0.2674, 0.2861

Sweetspot

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



57.9246, 0.3652, 0.3390



88.1282, 0.3263, 0.3319



56.8132, 0.3221, 0.2729



18.4121, 0.3291, 0.3325



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.



57.9246, 0.3652, 0.3390



60.1117, 0.3799, 0.3412



72.2432, 0.3572, 0.3710



16.1288, 0.3290, 0.3325



10.9085, 0.6265, 0.3408



1.0203, 0.6049, 0.3579

Inverse Universe

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



73.6569, 0.2740, 0.3187



80.8632, 0.2666, 0.3163



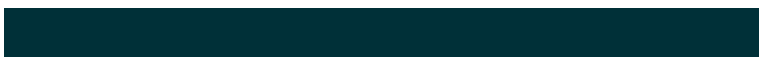
58.0550, 0.2708, 0.2831



17.5151, 0.2981, 0.3255



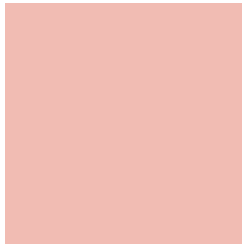
27.5444, 0.2118, 0.2823



2.3971, 0.2136, 0.2891

Previews

White Background



This preview shows how the Yxy color 57.9219, 0.3652, 0.3390 looks on a white background.

Color Contrast Check

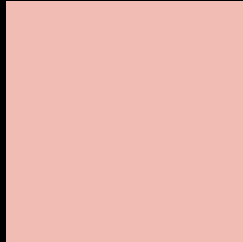
Large Text (above 18pt) WCAG AA × Fail

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 57.9219, 0.3652, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

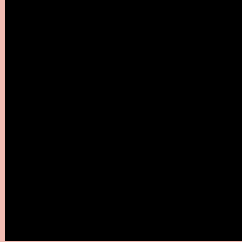
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9219, 0.3652, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 57.9219, 0.3652, 0.3390.



This preview shows how white text looks on a background with the Yxy color 57.9219, 0.3652, 0.3390.

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

57.9219, 0.3652, 0.3390

Protanopia

58.2212, 0.3302, 0.3468

Deuteranopia

57.8483, 0.3536, 0.3461



Tritanopia

57.8761, 0.3506, 0.3140

Trichromacy



Original Color

57.9219, 0.3652, 0.3390

Protanomaly

58.1144, 0.3423, 0.3441

Deuteranomaly

57.7996, 0.3584, 0.3437

Tritanomaly

57.8008, 0.3555, 0.3226

Monochromacy



Original Color

57.9219, 0.3652, 0.3390

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.0349, 0.3309, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9219, 0.3652, 0.3390 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(241, 188, 179)` looks like.

```
.text, #text, p{  
    color:rgb(241, 188, 179)  
}
```

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(241, 188, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 188, 179) }
```

Border

The CSS property to change the border of an element to Yxy 57.9219, 0.3652, 0.3390 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(241, 188, 179) }
```

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

```
.border{ border-color:rgb(241, 188, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 188, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 188, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 188, 179);  
box-shadow:4px 4px 4px 4px rgb(241, 188,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9219, 0.3652, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 188, 179) }
```

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

```
.background{ background-color: rgb(241,  
188, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor