

Converting Colors

Yxy(50.7483, 0.3645, 0.3228)

Have a look what the booklet for
Yxy(50.7483, 0.3645, 0.3228)
contains.

Yxy(50.8040, 0.3639, 0.3224)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.8040, 0.3639, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	EBADB3
RGB	235, 173, 179
RGB Percent	92%, 68%, 70%
CMY	0.0784, 0.3216, 0.2980
CMYK	0.00, 0.26, 0.24, 0.08
HSL	354°, 61%, 80%
HSV	354°, 26%, 92%
XYZ	57.3436, 50.8040, 49.4330
YIQ	192.2220, 35.0260, 15.0100

Conversions

Conversions Part 2

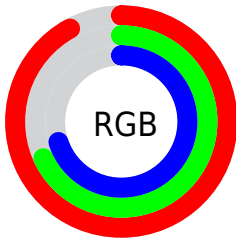
Format	Color
R _Y B	235, 173, 179
Decimal	15445427
CIE Lab	76.56, 23.53, 5.87
CIE LCh	77, 24.248, 14.013
Yxy	50.8040, 0.3639, 0.3224
Android (android.graphics.Color)	4293635507 (0xFFEBADB3)
YUV	192.2220, -6.5184, 37.5163
Hunter-Lab	71.2769, 18.8719, 8.7742

Details

The Yxy color **50.8040, 0.3639, 0.3224** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73.9640, 0.2774, 0.3358**, and the grayscale version is **52.8739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2968, 0.3268, 0.3231**, and **24.4043, 0.3786, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **41.7784, 0.3923, 0.3198**, and if you desaturate by 10%, it is **61.5516, 0.3409, 0.3250**.

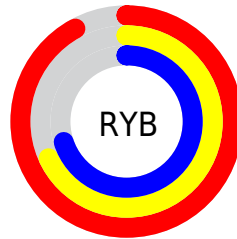
Distribution



Red (92%)

Green (68%)

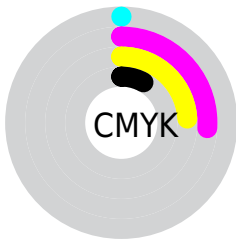
Blue (70%)



Red (92%)

Yellow (68%)

Blue (70%)

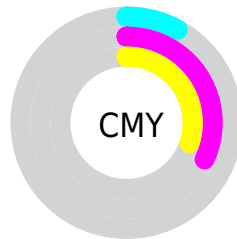


Cyan (0%)

Magenta (26%)

Yellow (24%)

Black (8%)



Cyan (8%)


Magenta (32%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8040, 0.3639, 0.3224 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 50.8040, 0.3639, 0.3224 by changing the saturation by 10% instead.


 50.8040, 0.3639,
0.3224

 50.8040, 0.3639,
0.3224

389.8018, 0.3385,
0.3260

 36.0526, 0.3702,
0.3214


 91.3650, 0.3547,
0.3238

 24.4749, 0.3782,
0.3201


117.9434, 0.3513,
0.3243

 15.6862, 0.3888,
0.3183


149.2330, 0.3483,
0.3247

 9.3024, 0.4034,
0.3156

185.6181, 0.3458,
0.3250

 4.9390, 0.4249,
0.3112

227.4831, 0.3436,
0.3253

 2.2115, 0.4592,
0.3035

275.2125, 0.3417,

 0.7262, 0.5476,

0.3256

0.2969

329.1906, 0.3400,
0.3258

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.8040, 0.3639,
0.3224

50.8040, 0.3639,
0.3224

41.7784, 0.3923,
0.3198

61.5516, 0.3409,
0.3250

34.3787, 0.4267,
0.3175

74.0968, 0.3225,
0.3275

28.5102, 0.4672,
0.3158

88.5192, 0.3077,
0.3298

24.0654, 0.5119,
0.3152

96.4038, 0.3005,
0.3290

■ 20.9229, 0.5571,
0.3163

■ 18.9413, 0.5965,
0.3192

■ 17.9441, 0.6241,
0.3237

■ 17.7246, 0.6310,
0.3250

Harmonies

Analogous

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



50.8040, 0.3356, 0.2978



50.8040, 0.3639, 0.3224



50.8040, 0.3779, 0.3497

Triad

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



50.8040, 0.3639, 0.3224



50.8040, 0.3206, 0.3839



50.8040, 0.2551, 0.2823

Complementary

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



50.8040, 0.3639, 0.3224



73.9640, 0.2774, 0.3358

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.



50.8040, 0.2517, 0.3028



50.8040, 0.3639, 0.3224



50.8040, 0.2884, 0.3635

Square

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



50.8040, 0.3639, 0.3224



50.8040, 0.3518, 0.3870



50.8040, 0.2635, 0.3327



50.8040, 0.2730, 0.2749

Rectangle

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



50.8040, 0.3639, 0.3224



50.8040, 0.3768, 0.3664



50.8040, 0.2635, 0.3327



50.8040, 0.2522, 0.2878

Sweetspot

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



50.8064, 0.3639, 0.3224



86.5375, 0.3253, 0.3271



52.5130, 0.3107, 0.2623



18.0156, 0.3279, 0.3267



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.



50.8064, 0.3639, 0.3224



54.6493, 0.3795, 0.3209



60.9799, 0.3624, 0.3567



15.0777, 0.3278, 0.3268



9.8719, 0.6288, 0.3238



0.7832, 0.6034, 0.3098

Inverse Universe

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



50.8064, 0.3639, 0.3224



54.6493, 0.3795, 0.3209



61.0782, 0.2714, 0.2996



15.0777, 0.3278, 0.3268



9.8719, 0.6288, 0.3238



0.7832, 0.6034, 0.3098

Previews

White Background



This preview shows how the Yxy color 50.8040, 0.3639, 0.3224 looks on a white background.

Color Contrast Check

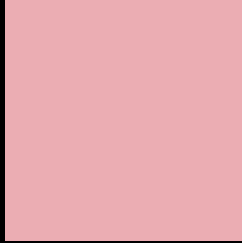
Large Text (above 18pt) WCAG AA × Fail

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 50.8040, 0.3639, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

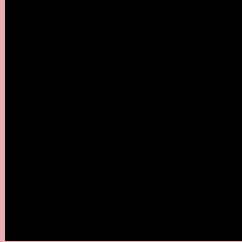
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8040, 0.3639, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 50.8040, 0.3639, 0.3224.



This preview shows how white text looks on a background with the Yxy color 50.8040, 0.3639, 0.3224.

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

50.8040, 0.3639, 0.3224

Protanopia

50.9347, 0.3169, 0.3290

Deuteranopia

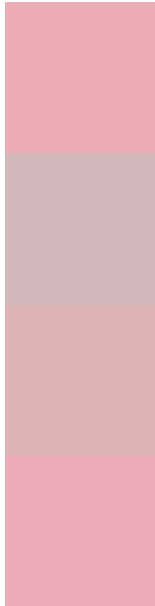
51.0383, 0.3428, 0.3363



Tritanopia

50.8407, 0.3596, 0.3146

Trichromacy



Original Color

50.8040, 0.3639, 0.3224

Protanomaly

50.7797, 0.3326, 0.3266

Deuteranomaly

50.6702, 0.3498, 0.3303

Tritanomaly

50.7568, 0.3614, 0.3168

Monochromacy



Original Color

50.8040, 0.3639, 0.3224

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.6957, 0.3307, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8040, 0.3639, 0.3224 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(235, 173, 179)` looks like.

```
.text, #text, p{  
    color:rgb(235, 173, 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(235, 173, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 173, 179) }
```

Border

The CSS property to change the border of an element to Yxy 50.8040, 0.3639, 0.3224 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(235, 173, 179) }
```

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

```
.border{ border-color:rgb(235, 173, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 173, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 173, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 173, 179);  
box-shadow:4px 4px 4px 4px rgb(235, 173,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8040, 0.3639, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 173, 179) }
```

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

```
.background{ background-color: rgb(235,  
173, 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