

Converting Colors

$Yxy(50.0427, 0.3644, 0.3202)$

Have a look what the booklet for
Yxy(50.0427, 0.3644, 0.3202)
contains.

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Color

Yxy(50.0427, 0.3644, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	EBABB3
RGB	235, 171, 179
RGB Percent	92%, 67%, 70%
CMY	0.0786, 0.3293, 0.2981
CMYK	0.00, 0.27, 0.24, 0.08
HSL	353°, 61%, 80%
HSV	353°, 27%, 92%
XYZ	56.9505, 50.0427, 49.2925
YIQ	191.0480, 35.5760, 16.0560

Conversions

Conversions Part 2

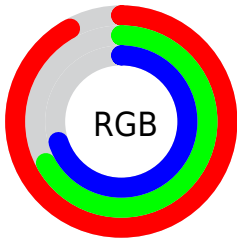
Format	Color
R _Y B	235, 171, 179
Decimal	15444915
CIE Lab	76.10, 24.56, 5.22
CIE LCh	76, 25.109, 11.990
Yxy	50.0427, 0.3644, 0.3202
Android (android.graphics.Color)	4293634995 (0xFFEBABB3)
YUV	191.0480, -5.9397, 38.5459
Hunter-Lab	70.7409, 19.9064, 8.2051

Details

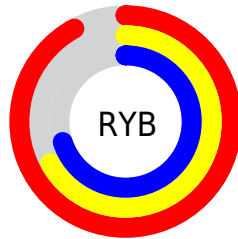
The Yxy color **50.0427, 0.3644, 0.3202** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73.6054, 0.2773, 0.3381**, and the grayscale version is **52.1493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1963, 0.3270, 0.3211**, and **23.9282, 0.3795, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **41.1708, 0.3923, 0.3169**, and if you desaturate by 10%, it is **60.6213, 0.3418, 0.3236**.

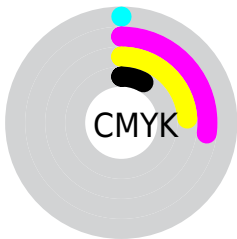
Distribution



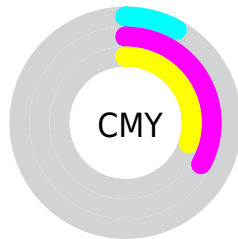
- Red (92%)
- Green (67%)
- Blue (70%)



- Red (92%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (8%)




- Cyan (8%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.0427, 0.3644, 0.3202 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 50.0427, 0.3644, 0.3202 by changing the saturation by 10% instead.

 50.0427, 0.3644,
0.3202

 50.0427, 0.3644,
0.3202


386.8329, 0.3387,
0.3249

 35.4473, 0.3708,
0.3190


 90.2381, 0.3551,
0.3220

 24.0077, 0.3789,
0.3173


116.6070, 0.3516,
0.3226

 15.3393, 0.3897,
0.3150


147.6691, 0.3486,
0.3231

 9.0579, 0.4046,
0.3118

183.8090, 0.3461,
0.3236

 4.7789, 0.4265,
0.3066

225.4108, 0.3439,
0.3240

 2.1182, 0.4617,
0.2975

272.8592, 0.3419,

 0.6748, 0.5558,

0.3243

0.2869

326.5384, 0.3402,
0.3246

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.0427, 0.3644,
0.3202

50.0427, 0.3644,
0.3202

41.1708, 0.3923,
0.3169

60.6213, 0.3418,
0.3236

33.9094, 0.4261,
0.3138

72.9821, 0.3236,
0.3268

28.1639, 0.4657,
0.3116

87.2047, 0.3090,
0.3298

23.8266, 0.5095,
0.3109

96.3966, 0.3005,
0.3290

■ 20.7756, 0.5538,
0.3122

■ 18.8683, 0.5928,
0.3158

■ 17.9198, 0.6209,
0.3213

■ 17.7465, 0.6267,
0.3226

Harmonies

Analogous

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



50.0427, 0.3342, 0.2951



50.0427, 0.3644, 0.3202



50.0427, 0.3802, 0.3485

Triad

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



50.0427, 0.3644, 0.3202



50.0427, 0.3232, 0.3871



50.0427, 0.2521, 0.2814

Complementary

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



50.0427, 0.3644, 0.3202



73.6054, 0.2773, 0.3381

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.



50.0427, 0.2497, 0.3035



50.0427, 0.3644, 0.3202



50.0427, 0.2895, 0.3669

Square

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



50.0427, 0.3644, 0.3202



50.0427, 0.3553, 0.3889



50.0427, 0.2629, 0.3351



50.0427, 0.2697, 0.2729

Rectangle

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



50.0427, 0.3644, 0.3202



50.0427, 0.3799, 0.3661



50.0427, 0.2629, 0.3351



50.0427, 0.2495, 0.2874

Sweetspot

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



50.0450, 0.3644, 0.3202



86.5703, 0.3249, 0.3265



51.3712, 0.3089, 0.2598



18.0238, 0.3275, 0.3261



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.



50.0450, 0.3644, 0.3202



53.6784, 0.3803, 0.3182



59.3907, 0.3649, 0.3553



15.0845, 0.3273, 0.3261



9.8898, 0.6242, 0.3212



0.7865, 0.5939, 0.3045

Inverse Universe

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



50.0450, 0.3644, 0.3202



53.6784, 0.3803, 0.3182



61.5048, 0.2703, 0.3011



15.0845, 0.3273, 0.3261



9.8898, 0.6242, 0.3212



0.7865, 0.5939, 0.3045

Previews

White Background



This preview shows how the Yxy color 50.0427, 0.3644, 0.3202 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 50.0427, 0.3644, 0.3202 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 50.0427, 0.3644, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 50.0427, 0.3644, 0.3202.



This preview shows how white text looks on a background with the Yxy color 50.0427, 0.3644, 0.3202.

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

50.0427, 0.3644, 0.3202

Protanopia

50.2479, 0.3153, 0.3278

Deuteranopia

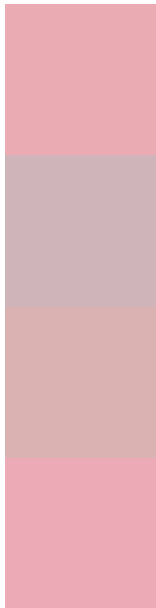
50.3319, 0.3412, 0.3351



Tritanopia

49.8305, 0.3610, 0.3146

Trichromacy



Original Color

50.0427, 0.3644, 0.3202

Protanomaly

49.8159, 0.3320, 0.3242

Deuteranomaly

50.1152, 0.3492, 0.3291

Tritanomaly

49.7890, 0.3619, 0.3157

Monochromacy



Original Color

50.0427, 0.3644, 0.3202

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.1342, 0.3299, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0427, 0.3644, 0.3202 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, 171, 179)` looks like.

```
.text, #text, p{  
    color:rgb(235, 171, 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, 171, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 171, 179) }
```

Border

The CSS property to change the border of an element to Yxy 50.0427, 0.3644, 0.3202 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, 171, 179) }
```

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

```
.border{ border-color:rgb(235, 171, 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, 171, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 171, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 171, 179);  
box-shadow:4px 4px 4px 4px rgb(235, 171,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0427, 0.3644, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 171, 179) }
```

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

```
.background{ background-color: rgb(235,  
171, 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](#).

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