

Converting Colors

Yxy(51.9719, 0.3648, 0.3285)

Have a look what the booklet for
Yxy(51.9719, 0.3648, 0.3285)
contains.

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Color

Yxy(51.8872, 0.3649, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	EBB0B1
RGB	235, 176, 177
RGB Percent	92%, 69%, 69%
CMY	0.0784, 0.3098, 0.3058
CMYK	0.00, 0.25, 0.25, 0.08
HSL	359°, 60%, 81%
HSV	359°, 25%, 92%
XYZ	57.7245, 51.8872, 48.5810
YIQ	193.7550, 34.8430, 12.8190

Conversions

Conversions Part 2

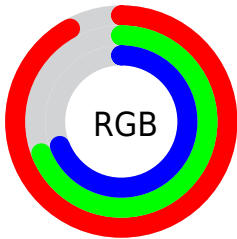
Format	Color
R _Y B	235, 176, 177
Decimal	15446193
CIE Lab	77.21, 21.64, 7.89
CIE LCh	77, 23.036, 20.019
Yxy	51.8872, 0.3649, 0.3280
Android (android.graphics.Color)	4293636273 (0xFFEBB0B1)
YUV	193.7550, -8.2602, 36.1719
Hunter-Lab	72.0328, 16.9862, 10.4361

Details

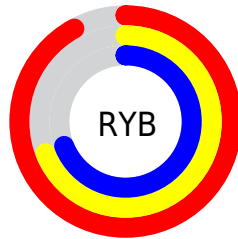
The Yxy color **51.8872, 0.3649, 0.3280** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74.5875, 0.2764, 0.3301**, and the grayscale version is **53.8329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.8564, 0.3279, 0.3281**, and **25.0861, 0.3799, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **42.6133, 0.3952, 0.3276**, and if you desaturate by 10%, it is **62.9169, 0.3405, 0.3284**.

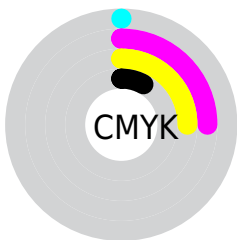
Distribution



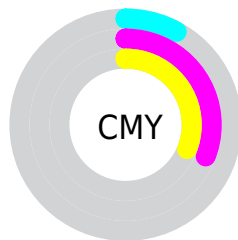
- Red (92%)
- Green (69%)
- Blue (69%)



- Red (92%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (25%)
- Yellow (25%)
- Black (8%)




- Cyan (8%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8872, 0.3649, 0.3280 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 51.8872, 0.3649, 0.3280 by changing the saturation by 10% instead.


 51.8872, 0.3649,
0.3280

 51.8872, 0.3649,
0.3280


394.0010, 0.3391,
0.3289

 36.9152, 0.3713,
0.3276


 92.9649, 0.3556,
0.3284

 25.1418, 0.3794,
0.3271


119.8393, 0.3521,
0.3286

 16.1827, 0.3901,
0.3263


151.4500, 0.3491,
0.3287

 9.6536, 0.4048,
0.3250

188.1813, 0.3465,
0.3288

 5.1699, 0.4264,
0.3226

230.4177, 0.3443,
0.3288

 2.3473, 0.4606,
0.3176

278.5435, 0.3423,

 0.7986, 0.5510,

0.3289

0.3211

332.9431, 0.3406,
0.3289

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.8872, 0.3649,
0.3280

51.8872, 0.3649,
0.3280

42.6133, 0.3952,
0.3276

62.9169, 0.3405,
0.3284

34.9980, 0.4320,
0.3273

75.7786, 0.3211,
0.3288

28.9456, 0.4753,
0.3271

90.5531, 0.3055,
0.3292

24.3478, 0.5227,
0.3271

96.4025, 0.3005,
0.3290

■ 21.0825, 0.5695,
0.3275

■ 19.0077, 0.6081,
0.3282

■ 17.9491, 0.6321,
0.3291

■ 17.6714, 0.6387,
0.3292

Harmonies

Analogous

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



51.8872, 0.3404, 0.3037



51.8872, 0.3649, 0.3280



51.8872, 0.3747, 0.3537

Triad

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



51.8872, 0.3649, 0.3280



51.8872, 0.3140, 0.3780



51.8872, 0.2605, 0.2824

Complementary

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



51.8872, 0.3649, 0.3280



74.5875, 0.2764, 0.3301

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.



51.8872, 0.2544, 0.2996



51.8872, 0.3649, 0.3280



51.8872, 0.2843, 0.3561

Square

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



51.8872, 0.3649, 0.3280



51.8872, 0.3443, 0.3845



51.8872, 0.2629, 0.3266



51.8872, 0.2800, 0.2779

Rectangle

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



51.8872, 0.3649, 0.3280



51.8872, 0.3714, 0.3686



51.8872, 0.2629, 0.3266



51.8872, 0.2569, 0.2868

Sweetspot

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



51.8896, 0.3649, 0.3280



86.4434, 0.3263, 0.3287



54.3796, 0.3140, 0.2663



17.9922, 0.3292, 0.3286



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.



51.8896, 0.3649, 0.3280



56.5884, 0.3793, 0.3278



63.7625, 0.3585, 0.3595



15.0583, 0.3290, 0.3286



9.8367, 0.6382, 0.3289



0.7739, 0.6331, 0.3261

Inverse Universe

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



51.8896, 0.3649, 0.3280



56.5884, 0.3793, 0.3278



60.0819, 0.2730, 0.2964



15.0583, 0.3290, 0.3286



9.8367, 0.6382, 0.3289



0.7739, 0.6331, 0.3261

Previews

White Background



This preview shows how the Yxy color 51.8872, 0.3649, 0.3280 looks on a white background.

Color Contrast Check

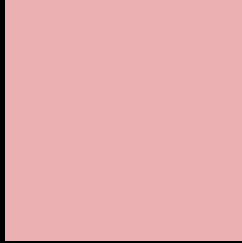
Large Text (above 18pt) WCAG AA × Fail

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 51.8872, 0.3649, 0.3280 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 51.8872, 0.3649, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 51.8872, 0.3649, 0.3280.



This preview shows how white text looks on a background with the Yxy color 51.8872, 0.3649, 0.3280.

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

51.8872, 0.3649, 0.3280

Protanopia

52.0655, 0.3215, 0.3352

Deuteranopia

51.8232, 0.3469, 0.3398



Tritanopia

51.7358, 0.3564, 0.3135

Trichromacy



Original Color

51.8872, 0.3649, 0.3280

Protanomaly

51.7770, 0.3365, 0.3327

Deuteranomaly

51.7119, 0.3529, 0.3350

Tritanomaly

51.9535, 0.3598, 0.3191

Monochromacy



Original Color

51.8872, 0.3649, 0.3280

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.7268, 0.3304, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8872, 0.3649, 0.3280 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, 176, 177)` looks like.

```
.text, #text, p{  
    color:rgb(235, 176, 177)  
}
```

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, 176, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 176, 177) }
```

Border

The CSS property to change the border of an element to Yxy 51.8872, 0.3649, 0.3280 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, 176, 177) }
```

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

```
.border{ border-color:rgb(235, 176, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 176, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 176, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 176, 177); box-shadow:4px 4px 4px 4px rgb(235, 176, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8872, 0.3649, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 176, 177) }
```

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

```
.background{ background-color: rgb(235,  
176, 177) }
```

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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