

Converting Colors

Yxy(51.8893, 0.3547, 0.3209)

Have a look what the booklet for
Yxy(51.8893, 0.3547, 0.3209)
contains.

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Color

Yxy(51.8939, 0.3548, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	E7B1B8
RGB	231, 177, 184
RGB Percent	91%, 69%, 72%
CMY	0.0942, 0.3058, 0.2784
CMYK	0.00, 0.23, 0.20, 0.09
HSL	352°, 53%, 80%
HSV	352°, 23%, 91%
XYZ	57.3224, 51.8939, 52.3463
YIQ	193.9440, 29.9370, 13.6250

Conversions

Conversions Part 2

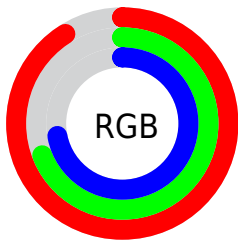
Format	Color
R _Y B	231, 177, 184
Decimal	15184312
CIE Lab	77.22, 20.64, 4.04
CIE LCh	77, 21.033, 11.081
Yxy	51.8939, 0.3548, 0.3212
Android (android.graphics.Color)	4293374392 (0xFFE7B1B8)
YUV	193.9440, -4.9024, 32.4981
Hunter-Lab	72.0374, 15.9725, 7.3429

Details

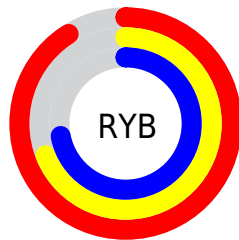
The Yxy color **51.8939, 0.3548, 0.3212** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.8657, 0.2821, 0.3370**, and the grayscale version is **53.9308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8291, 0.3232, 0.3222**, and **25.1680, 0.3671, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **42.7458, 0.3804, 0.3177**, and if you desaturate by 10%, it is **62.7108, 0.3341, 0.3247**.

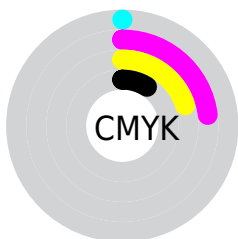
Distribution



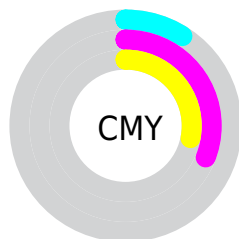
- Red (91%)
- Green (69%)
- Blue (72%)



- Red (91%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (23%)
- Yellow (20%)
- Black (9%)





- Cyan (9%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8939, 0.3548, 0.3212 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 51.8939, 0.3548, 0.3212 by changing the saturation by 10% instead.


 51.8939, 0.3548,
0.3212

 51.8939, 0.3548,
0.3212


394.0269, 0.3340,
0.3253

 36.9205, 0.3599,
0.3201


 92.9747, 0.3473,
0.3227

 25.1460, 0.3664,
0.3188


119.8510, 0.3445,
0.3233

 16.1858, 0.3750,
0.3169


151.4636, 0.3421,
0.3237

 9.6557, 0.3868,
0.3143

188.1971, 0.3400,
0.3241

 5.1713, 0.4041,
0.3102

230.4358, 0.3382,
0.3245

 2.3481, 0.4317,
0.3032

278.5640, 0.3367,

 0.7990, 0.4910,

0.3248

0.2933

332.9662, 0.3353,
0.3250

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.8939, 0.3548,
0.3212

51.8939, 0.3548,
0.3212

42.7458, 0.3804,
0.3177

62.7108, 0.3341,
0.3247

35.1767, 0.4116,
0.3144

75.2662, 0.3175,
0.3280

29.0991, 0.4487,
0.3116

89.6348, 0.3042,
0.3310

24.4140, 0.4909,
0.3101

95.7242, 0.2981,
0.3290

■ 21.0107, 0.5354,
0.3105

■ 18.7615, 0.5772,
0.3133

■ 17.5119, 0.6103,
0.3184

■ 17.0775, 0.6257,
0.3221

Harmonies

Analogous

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



51.8939, 0.3297, 0.3001



51.8939, 0.3548, 0.3212



51.8939, 0.3682, 0.3450

Triad

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



51.8939, 0.3548, 0.3212



51.8939, 0.3225, 0.3769



51.8939, 0.2618, 0.2900

Complementary

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



51.8939, 0.3548, 0.3212



71.8657, 0.2821, 0.3370

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.



51.8939, 0.2602, 0.3089



51.8939, 0.3548, 0.3212



51.8939, 0.2944, 0.3607

Square

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



51.8939, 0.3548, 0.3212



51.8939, 0.3489, 0.3784



51.8939, 0.2719, 0.3351



51.8939, 0.2764, 0.2822

Rectangle

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



51.8939, 0.3548, 0.3212



51.8939, 0.3685, 0.3597



51.8939, 0.2719, 0.3351



51.8939, 0.2598, 0.2952

Sweetspot

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



51.8963, 0.3548, 0.3212



88.1747, 0.3232, 0.3268



53.0308, 0.3096, 0.2699



18.6660, 0.3242, 0.3266



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.



51.8963, 0.3548, 0.3212



59.2186, 0.3664, 0.3195



60.0011, 0.3560, 0.3513



14.3982, 0.3272, 0.3260



9.5866, 0.6230, 0.3206



0.7183, 0.5903, 0.3025

Inverse Universe

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



51.8963, 0.3548, 0.3212



59.2186, 0.3664, 0.3195



61.7991, 0.2764, 0.3055



14.3982, 0.3272, 0.3260



9.5866, 0.6230, 0.3206



0.7183, 0.5903, 0.3025

Previews

White Background



This preview shows how the Yxy color 51.8939, 0.3548, 0.3212 looks on a white background.

Color Contrast Check

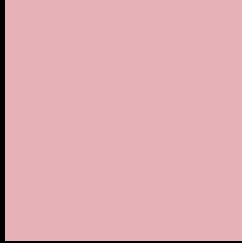
Large Text (above 18pt) WCAG AA × Fail

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 51.8939, 0.3548, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

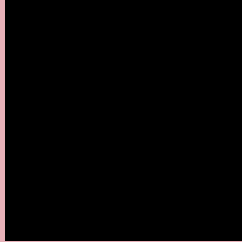
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8939, 0.3548, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 51.8939, 0.3548, 0.3212.



This preview shows how white text looks on a background with the Yxy color 51.8939, 0.3548, 0.3212.

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

51.8939, 0.3548, 0.3212

Protanopia

52.0578, 0.3152, 0.3278

Deuteranopia

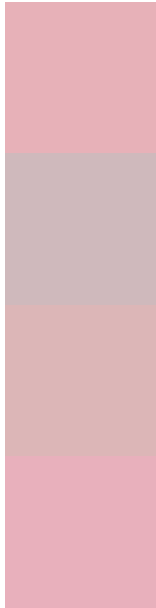
52.2630, 0.3383, 0.3315



Tritanopia

51.9242, 0.3506, 0.3134

Trichromacy



Original Color

51.8939, 0.3548, 0.3212

Protanomaly

51.5942, 0.3290, 0.3254

Deuteranomaly

52.0904, 0.3449, 0.3279

Tritanomaly

51.8373, 0.3524, 0.3156

Monochromacy



Original Color

51.8939, 0.3548, 0.3212

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.9495, 0.3270, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8939, 0.3548, 0.3212 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(231, 177, 184)` looks like.

```
.text, #text, p{  
    color:rgb(231, 177, 184)  
}
```

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(231, 177, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 177, 184) }
```

Border

The CSS property to change the border of an element to Yxy 51.8939, 0.3548, 0.3212 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(231, 177, 184) }
```

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

```
.border{ border-color:rgb(231, 177, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 177, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 177, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 177, 184);  
box-shadow:4px 4px 4px 4px rgb(231, 177,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8939, 0.3548, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 177, 184) }
```

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

```
.background{ background-color: rgb(231,  
177, 184) }
```

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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