

Converting Colors

Yxy(52.9019, 0.3568, 0.3148)

Have a look what the booklet for
Yxy(52.9019, 0.3568, 0.3148)
contains.

Yxy(52.9019, 0.3568, 0.3148)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.9019, 0.3568, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	EEB0BD
RGB	238, 176, 189
RGB Percent	93%, 69%, 74%
CMY	0.0668, 0.3097, 0.2589
CMYK	0.00, 0.26, 0.21, 0.07
HSL	347°, 65%, 81%
HSV	347°, 26%, 93%
XYZ	59.9600, 52.9019, 55.1874
YIQ	196.0200, 32.7790, 17.1870

Conversions

Conversions Part 2

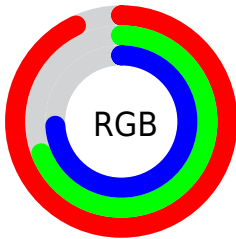
Format	Color
R _Y B	238, 176, 189
Decimal	15642813
CIE Lab	77.82, 24.44, 2.29
CIE LCh	78, 24.546, 5.357
Yxy	52.9019, 0.3568, 0.3148
Android (android.graphics.Color)	4293832893 (0xFFEEB0BD)
YUV	196.0200, -3.4609, 36.8165
Hunter-Lab	72.7337, 19.8673, 5.9267

Details

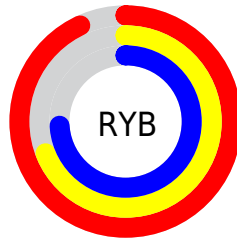
The Yxy color **52.9019, 0.3568, 0.3148** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.7965, 0.2815, 0.3438**, and the grayscale version is **55.2211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5658, 0.3201, 0.3163**, and **25.7672, 0.3684, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **43.6099, 0.3812, 0.3091**, and if you desaturate by 10%, it is **63.9404, 0.3369, 0.3205**.

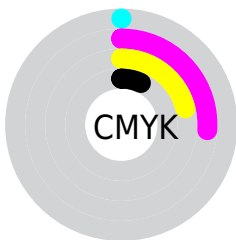
Distribution



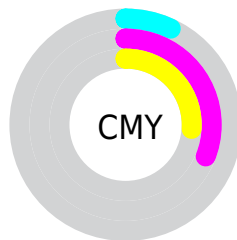
- Red (93%)
- Green (69%)
- Blue (74%)



- Red (93%)
- Yellow (69%)
- Blue (74%)



- Cyan (0%)
- Magenta (26%)
- Yellow (21%)
- Black (7%)





- Cyan (7%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9019, 0.3568, 0.3148 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 52.9019, 0.3568, 0.3148 by changing the saturation by 10% instead.


 52.9019, 0.3568,
0.3148

 52.9019, 0.3568,
0.3148

397.9086, 0.3352,
0.3219

 37.7245, 0.3621,
0.3130


 94.4600, 0.3490,
0.3174

 25.7689, 0.3688,
0.3108


121.6095, 0.3461,
0.3183

 16.6508, 0.3776,
0.3078


153.5184, 0.3436,
0.3192

 9.9859, 0.3897,
0.3036

190.5711, 0.3414,
0.3199

 5.3896, 0.4073,
0.2974

233.1521, 0.3395,
0.3205

 2.4776, 0.4350,
0.2875

281.6458, 0.3379,

 0.8654, 0.4866,

0.3210

0.2697

336.4365, 0.3364,
0.3215

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.9019, 0.3568,
0.3148

52.9019, 0.3568,
0.3148

43.6099, 0.3812,
0.3091

63.9404, 0.3369,
0.3205

35.9678, 0.4107,
0.3037

76.8011, 0.3209,
0.3259

29.8805, 0.4456,
0.2994

91.5641, 0.3079,
0.3310

25.2403, 0.4848,
0.2970

96.9107, 0.3023,
0.3290

■ 21.9257, 0.5262,
0.2975

■ 19.7953, 0.5655,
0.3017

■ 18.6741, 0.5978,
0.3093

■ 18.3993, 0.6084,
0.3125

Harmonies

Analogous

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



52.9019, 0.3260, 0.2919



52.9019, 0.3568, 0.3148



52.9019, 0.3756, 0.3419

Triad

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



52.9019, 0.3568, 0.3148



52.9019, 0.3301, 0.3866



52.9019, 0.2526, 0.2870

Complementary

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



52.9019, 0.3568, 0.3148



75.7965, 0.2815, 0.3438

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.



52.9019, 0.2536, 0.3108



52.9019, 0.3568, 0.3148



52.9019, 0.2973, 0.3708

Square

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



52.9019, 0.3568, 0.3148



52.9019, 0.3593, 0.3845



52.9019, 0.2696, 0.3420



52.9019, 0.2665, 0.2757

Rectangle

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



52.9019, 0.3568, 0.3148



52.9019, 0.3782, 0.3594



52.9019, 0.2696, 0.3420



52.9019, 0.2512, 0.2937

Sweetspot

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



52.9043, 0.3568, 0.3148



86.6722, 0.3238, 0.3249



53.1651, 0.3049, 0.2620



18.0493, 0.3261, 0.3240



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.



52.9043, 0.3568, 0.3148



56.1188, 0.3686, 0.3119



59.7001, 0.3636, 0.3485



15.8130, 0.3260, 0.3241



10.2837, 0.6049, 0.3106



0.8696, 0.5693, 0.2910

Inverse Universe

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



52.9043, 0.3568, 0.3148



56.1188, 0.3686, 0.3119



66.8075, 0.2727, 0.3086



15.8130, 0.3260, 0.3241



10.2837, 0.6049, 0.3106



0.8696, 0.5693, 0.2910

Previews

White Background



This preview shows how the Yxy color 52.9019, 0.3568, 0.3148 looks on a white background.

Color Contrast Check

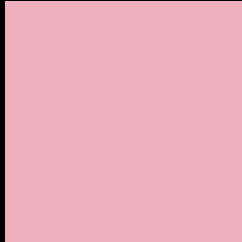
Large Text (above 18pt) WCAG AA × Fail

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 52.9019, 0.3568, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

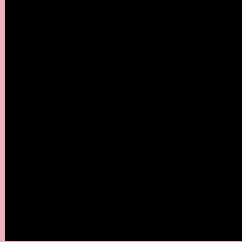
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9019, 0.3568, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 52.9019, 0.3568, 0.3148.



This preview shows how white text looks on a background with the Yxy color 52.9019, 0.3568, 0.3148.

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

52.9019, 0.3568, 0.3148

Protanopia

53.3786, 0.3106, 0.3217

Deuteranopia

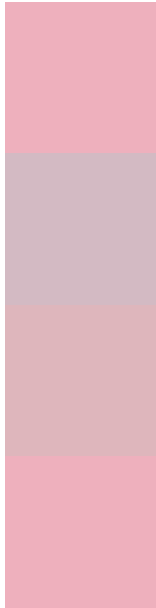
52.8518, 0.3348, 0.3279



Tritanopia

52.9019, 0.3568, 0.3148

Trichromacy



Original Color

52.9019, 0.3568, 0.3148

Protanomaly

52.9068, 0.3266, 0.3184

Deuteranomaly

52.6163, 0.3424, 0.3221

Tritanomaly

52.9019, 0.3568, 0.3148

Monochromacy



Original Color

52.9019, 0.3568, 0.3148

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.0943, 0.3279, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9019, 0.3568, 0.3148 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(238, 176, 189)` looks like.

```
.text, #text, p{  
    color:rgb(238, 176, 189)  
}
```

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(238, 176, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 176, 189) }
```

Border

The CSS property to change the border of an element to Yxy 52.9019, 0.3568, 0.3148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

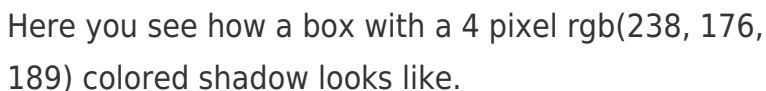
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 176, 189) }
```

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

```
.border{ border-color:rgb(238, 176, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 176, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 176, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 176, 189); box-shadow:4px 4px 4px 4px rgb(238, 176, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9019, 0.3568, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 176, 189) }
```

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

```
.background{ background-color: rgb(238,  
176, 189) }
```

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