

Converting Colors

Yxy(52.4967, 0.3684, 0.3349)

Have a look what the booklet for
Yxy(52.4967, 0.3684, 0.3349)
contains.

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Color

Yxy(52.5201, 0.3680, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	EBB2AD
RGB	235, 178, 173
RGB Percent	92%, 70%, 68%
CMY	0.0783, 0.3020, 0.3216
CMYK	0.00, 0.24, 0.26, 0.08
HSL	5°, 61%, 80%
HSV	5°, 26%, 92%
XYZ	57.7282, 52.5201, 46.6218
YIQ	194.4730, 35.5770, 10.5290

Conversions

Conversions Part 2

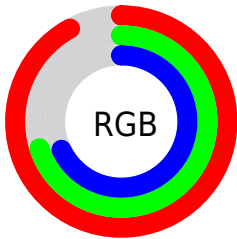
Format	Color
R _Y B	235, 178, 173
Decimal	15446701
CIE Lab	77.59, 20.03, 10.62
CIE LCh	78, 22.668, 27.936
Yxy	52.5201, 0.3680, 0.3348
Android (android.graphics.Color)	4293636781 (0xFFEBB2AD)
YUV	194.4730, -10.5862, 35.5422
Hunter-Lab	72.4708, 15.3643, 12.5872

Details

The Yxy color **52.5201, 0.3680, 0.3348** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.4805, 0.2736, 0.3231**, and the grayscale version is **54.2933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7071, 0.3309, 0.3350**, and **25.5127, 0.3828, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **43.7611, 0.3982, 0.3371**, and if you desaturate by 10%, it is **62.7977, 0.3434, 0.3325**.

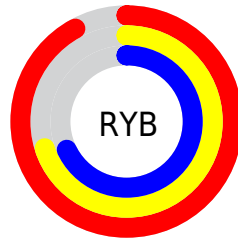
Distribution



Red (92%)

Green (70%)

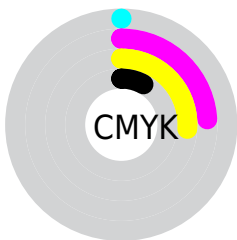
Blue (68%)



Red (92%)

Yellow (70%)

Blue (68%)

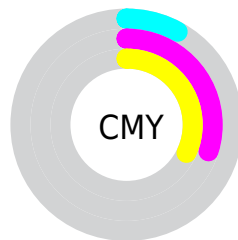


Cyan (0%)

Magenta (24%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (30%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5201, 0.3680, 0.3348 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 52.5201, 0.3680, 0.3348 by changing the saturation by 10% instead.


 52.5201, 0.3680,
0.3348

 52.5201, 0.3680,
0.3348


396.4412, 0.3407,
0.3325

 37.4198, 0.3747,
0.3352

 93.8978, 0.3581,
0.3341

 25.5327, 0.3833,
0.3356


120.9440, 0.3544,
0.3338

 16.4744, 0.3946,
0.3360


152.7410, 0.3513,
0.3335

 9.8605, 0.4100,
0.3362

189.6732, 0.3485,
0.3333

 5.3065, 0.4326,
0.3359

232.1249, 0.3462,
0.3331

 2.4282, 0.4681,
0.3339

280.4805, 0.3441,

 0.8403, 0.5751,

0.3329

335.1245, 0.3423,
0.3327

0.3525

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.5201, 0.3680,
0.3348

52.5201, 0.3680,
0.3348

43.7611, 0.3982,
0.3371

62.7977, 0.3434,
0.3325

36.4418, 0.4345,
0.3393

74.6535, 0.3234,
0.3303

30.4872, 0.4765,
0.3409

88.1526, 0.3073,
0.3283

25.8128, 0.5222,
0.3415

96.4059, 0.3005,
0.3290

■ 22.3245, 0.5672,
0.3408

■ 19.9151, 0.6050,
0.3384

■ 18.4581, 0.6294,
0.3348

■ 18.1313, 0.6352,
0.3338

Harmonies

Analogous

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



52.5201, 0.3472, 0.3101



52.5201, 0.3680, 0.3348



52.5201, 0.3731, 0.3594

Triad

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



52.5201, 0.3680, 0.3348



52.5201, 0.3059, 0.3726



52.5201, 0.2654, 0.2809

Complementary

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



52.5201, 0.3680, 0.3348



71.4805, 0.2736, 0.3231

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.



52.5201, 0.2557, 0.2947



52.5201, 0.3680, 0.3348



52.5201, 0.2783, 0.3482

Square

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



52.5201, 0.3680, 0.3348



52.5201, 0.3363, 0.3833



52.5201, 0.2603, 0.3191



52.5201, 0.2875, 0.2798

Rectangle

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



52.5201, 0.3680, 0.3348



52.5201, 0.3668, 0.3727



52.5201, 0.2603, 0.3191



52.5201, 0.2607, 0.2841

Sweetspot

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



52.5225, 0.3680, 0.3348



87.3692, 0.3264, 0.3307



53.3104, 0.3191, 0.2674



18.2228, 0.3292, 0.3310



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.



52.5225, 0.3680, 0.3348



56.9327, 0.3846, 0.3361



65.8621, 0.3596, 0.3677



15.2495, 0.3291, 0.3310



10.1611, 0.6339, 0.3349



0.8658, 0.6187, 0.3469

Inverse Universe

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



71.4805, 0.2736, 0.3231



83.5347, 0.2659, 0.3217



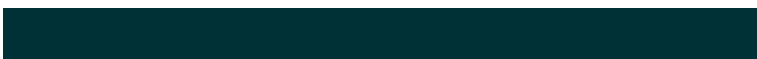
56.1293, 0.2701, 0.2869



16.9014, 0.2981, 0.3270



30.7635, 0.2177, 0.3036



2.4774, 0.2187, 0.3074

Previews

White Background



This preview shows how the Yxy color 52.5201, 0.3680, 0.3348 looks on a white background.

Color Contrast Check

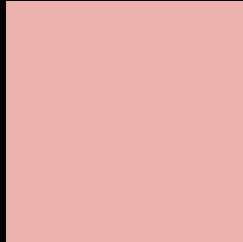
Large Text (above 18pt) WCAG AA × Fail

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 52.5201, 0.3680, 0.3348 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 52.5201, 0.3680, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 52.5201, 0.3680, 0.3348.



This preview shows how white text looks on a background with the Yxy color 52.5201, 0.3680, 0.3348.

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

52.5201, 0.3680, 0.3348

Protanopia

52.5627, 0.3270, 0.3426

Deuteranopia

52.5819, 0.3519, 0.3445



Tritanopia

52.7293, 0.3559, 0.3147

Trichromacy



Original Color

52.5201, 0.3680, 0.3348

Protanomaly

52.1410, 0.3413, 0.3399

Deuteranomaly

52.2817, 0.3579, 0.3408

Tritanomaly

52.6960, 0.3602, 0.3224

Monochromacy



Original Color

52.5201, 0.3680, 0.3348

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.0669, 0.3319, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5201, 0.3680, 0.3348 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, 178, 173)` looks like.

```
.text, #text, p{  
    color:rgb(235, 178, 173)  
}
```

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, 178, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 178, 173) }
```

Border

The CSS property to change the border of an element to Yxy 52.5201, 0.3680, 0.3348 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, 178, 173) }
```

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

```
.border{ border-color:rgb(235, 178, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 178, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 178, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 178, 173);  
box-shadow:4px 4px 4px 4px rgb(235, 178,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5201, 0.3680, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 178, 173) }
```

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

```
.background{ background-color: rgb(235,  
178, 173) }
```

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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