

Converting Colors

Yxy(52.6276, 0.3488, 0.3196)

Have a look what the booklet for
Yxy(52.6276, 0.3488, 0.3196)
contains.

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Color

Yxy(52.5291, 0.3491, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	E5B3BC
RGB	229, 179, 188
RGB Percent	90%, 70%, 74%
CMY	0.1021, 0.2980, 0.2627
CMYK	0.00, 0.22, 0.18, 0.10
HSL	349°, 49%, 80%
HSV	349°, 22%, 90%
XYZ	57.5036, 52.5291, 54.6869
YIQ	194.9760, 26.9110, 13.3990

Conversions

Conversions Part 2

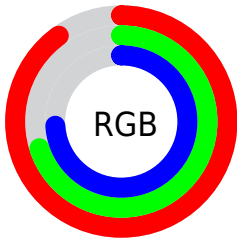
Format	Color
R _Y B	229, 179, 188
Decimal	15053756
CIE Lab	77.60, 19.45, 2.39
CIE LCh	78, 19.600, 7.017
Yxy	52.5291, 0.3491, 0.3189
Android (android.graphics.Color)	4293243836 (0xFFE5B3BC)
YUV	194.9760, -3.4392, 29.8390
Hunter-Lab	72.4770, 14.7882, 5.9971

Details

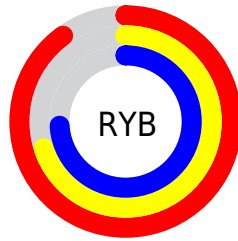
The Yxy color **52.5291, 0.3491, 0.3189** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.7751, 0.2854, 0.3394**, and the grayscale version is **54.5675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2083, 0.3205, 0.3203**, and **25.5552, 0.3591, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **43.3437, 0.3723, 0.3140**, and if you desaturate by 10%, it is **63.3486, 0.3303, 0.3237**.

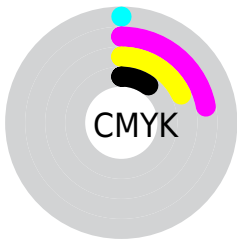
Distribution



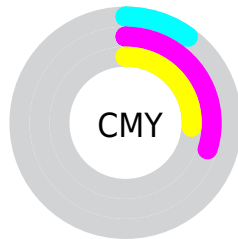
- Red (90%)
- Green (70%)
- Blue (74%)



- Red (90%)
- Yellow (70%)
- Blue (74%)



- Cyan (0%)
- Magenta (22%)
- Yellow (18%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5291, 0.3491, 0.3189 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 52.5291, 0.3491, 0.3189 by changing the saturation by 10% instead.


 52.5291, 0.3491,
0.3189

 52.5291, 0.3491,
0.3189


396.4758, 0.3312,
0.3240

 37.4270, 0.3535,
0.3176


 93.9111, 0.3427,
0.3207

 25.5383, 0.3591,
0.3160


120.9597, 0.3402,
0.3214

 16.4785, 0.3664,
0.3138


152.7594, 0.3382,
0.3220

 9.8634, 0.3765,
0.3108

189.6944, 0.3364,
0.3225

 5.3085, 0.3912,
0.3062

232.1491, 0.3348,
0.3230

 2.4294, 0.4145,
0.2988

280.5080, 0.3335,

 0.8409, 0.4598,

0.3233

0.2859

335.1554, 0.3323,
0.3237

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.5291, 0.3491,
0.3189

52.5291, 0.3491,
0.3189

43.3437, 0.3723,
0.3140

63.3486, 0.3303,
0.3237

35.7060, 0.4007,
0.3092

75.8688, 0.3151,
0.3282

29.5326, 0.4345,
0.3051

90.1614, 0.3029,
0.3324

24.7292, 0.4735,
0.3024

95.3933, 0.2970,
0.3290

■ 21.1906, 0.5157,
0.3019

■ 18.7960, 0.5573,
0.3045

■ 17.4012, 0.5931,
0.3103

■ 16.8147, 0.6153,
0.3163

Harmonies

Analogous

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



52.5291, 0.3250, 0.2999



52.5291, 0.3491, 0.3189



52.5291, 0.3633, 0.3410

Triad

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



52.5291, 0.3491, 0.3189



52.5291, 0.3255, 0.3744



52.5291, 0.2644, 0.2947

Complementary

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



52.5291, 0.3491, 0.3189



70.7751, 0.2854, 0.3394

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.



52.5291, 0.2646, 0.3135



52.5291, 0.3491, 0.3189



52.5291, 0.2991, 0.3610

Square

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



52.5291, 0.3491, 0.3189



52.5291, 0.3491, 0.3739



52.5291, 0.2771, 0.3381



52.5291, 0.2765, 0.2858

Rectangle

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



52.5291, 0.3491, 0.3189



52.5291, 0.3649, 0.3550



52.5291, 0.2771, 0.3381



52.5291, 0.2631, 0.3000

Sweetspot

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



52.5315, 0.3491, 0.3189



88.2280, 0.3227, 0.3259



53.0892, 0.3078, 0.2736



18.6783, 0.3236, 0.3256



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.



52.5315, 0.3491, 0.3189



61.7258, 0.3586, 0.3168



58.8655, 0.3532, 0.3470



14.4101, 0.3264, 0.3248



9.6291, 0.6121, 0.3146



0.7239, 0.5735, 0.2933

Inverse Universe

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



52.5315, 0.3491, 0.3189



61.7258, 0.3586, 0.3168



62.9066, 0.2790, 0.3103



14.4101, 0.3264, 0.3248



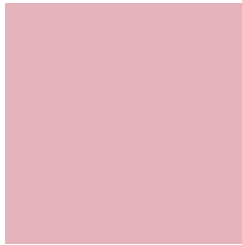
9.6291, 0.6121, 0.3146



0.7239, 0.5735, 0.2933

Previews

White Background



This preview shows how the Yxy color 52.5291, 0.3491, 0.3189 looks on a white background.

Color Contrast Check

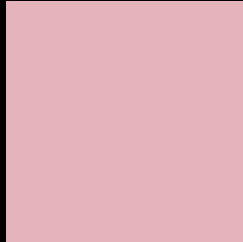
Large Text (above 18pt) WCAG AA × Fail

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 52.5291, 0.3491, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

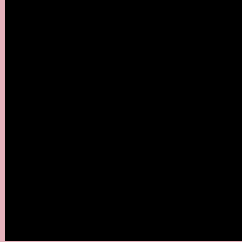
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5291, 0.3491, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 52.5291, 0.3491, 0.3189.



This preview shows how white text looks on a background with the Yxy color 52.5291, 0.3491, 0.3189.

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

52.5291, 0.3491, 0.3189

Protanopia

52.8038, 0.3129, 0.3241

Deuteranopia

52.7027, 0.3340, 0.3279



Tritanopia

52.3046, 0.3459, 0.3133

Trichromacy



Original Color

52.5291, 0.3491, 0.3189

Protanomaly

52.6118, 0.3255, 0.3231

Deuteranomaly

52.3603, 0.3396, 0.3244

Tritanomaly

52.2604, 0.3467, 0.3144

Monochromacy



Original Color

52.5291, 0.3491, 0.3189

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.4664, 0.3253, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5291, 0.3491, 0.3189 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(229, 179, 188)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 188)  
}
```

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(229, 179, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 188) }
```

Border

The CSS property to change the border of an element to Yxy 52.5291, 0.3491, 0.3189 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(229, 179, 188) }
```

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

```
.border{ border-color:rgb(229, 179, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 179, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 188);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5291, 0.3491, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 179, 188) }
```

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

```
.background{ background-color: rgb(229,  
179, 188) }
```

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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