

Converting Colors

Yxy(52.8385, 0.3497, 0.3243)

Have a look what the booklet for
Yxy(52.8385, 0.3497, 0.3243)
contains.

Yxy(52.8814, 0.3496, 0.3245)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.8814, 0.3496, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	E3B5B9
RGB	227, 181, 185
RGB Percent	89%, 71%, 73%
CMY	0.1096, 0.2903, 0.2745
CMYK	0.00, 0.20, 0.19, 0.11
HSL	355°, 45%, 80%
HSV	355°, 20%, 89%
XYZ	56.9718, 52.8814, 53.1095
YIQ	195.2100, 26.1320, 10.9960

Conversions

Conversions Part 2

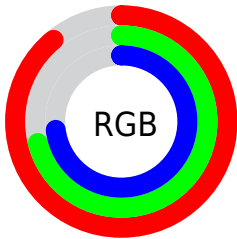
Format	Color
R _Y B	227, 181, 185
Decimal	14923193
CIE Lab	77.80, 17.25, 4.30
CIE LCh	78, 17.773, 13.994
Yxy	52.8814, 0.3496, 0.3245
Android (android.graphics.Color)	4293113273 (0xFFE3B5B9)
YUV	195.2100, -5.0335, 27.8798
Hunter-Lab	72.7196, 12.5855, 7.6023

Details

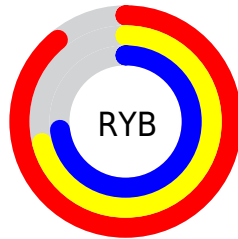
The Yxy color **52.8814, 0.3496, 0.3245** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.1161, 0.2848, 0.3336**, and the grayscale version is **54.7275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1792, 0.3223, 0.3251**, and **25.7622, 0.3597, 0.3231** is the 20% darker color. If you saturate the color by 10%, you get **43.5792, 0.3748, 0.3222**, and if you desaturate by 10%, it is **63.8205, 0.3294, 0.3268**.

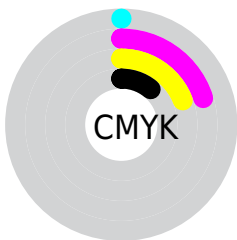
Distribution



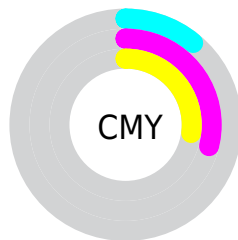
- Red (89%)
- Green (71%)
- Blue (73%)



- Red (89%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (11%)




- Cyan (11%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8814, 0.3496, 0.3245 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 52.8814, 0.3496, 0.3245 by changing the saturation by 10% instead.

 52.8814, 0.3496,
0.3245

 52.8814, 0.3496,
0.3245

397.8299, 0.3314,
0.3269

 37.7081, 0.3540,
0.3239


 94.4298, 0.3431,
0.3254

 25.7562, 0.3597,
0.3230


121.5737, 0.3406,
0.3257

 16.6414, 0.3672,
0.3219


153.4767, 0.3385,
0.3260

 9.9791, 0.3774,
0.3202

190.5230, 0.3367,
0.3262

 5.3851, 0.3924,
0.3176

233.0970, 0.3351,
0.3264

 2.4749, 0.4161,
0.3130

281.5833, 0.3337,

 0.8641, 0.4653,

0.3266

0.3071

336.3661, 0.3325,
0.3268

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.8814, 0.3496,
0.3245

52.8814, 0.3496,
0.3245

43.5792, 0.3748,
0.3222

63.8205, 0.3294,
0.3268

35.8283, 0.4057,
0.3199

76.4624, 0.3131,
0.3289

29.5466, 0.4429,
0.3180

90.8779, 0.3001,
0.3309

24.6411, 0.4856,
0.3168

95.0789, 0.2958,
0.3290

■ 21.0085, 0.5313,
0.3169

■ 18.5307, 0.5751,
0.3185

■ 17.0677, 0.6104,
0.3219

■ 16.3889, 0.6320,
0.3255

Harmonies

Analogous

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



52.8814, 0.3294, 0.3061



52.8814, 0.3496, 0.3245



52.8814, 0.3596, 0.3446

Triad

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



52.8814, 0.3496, 0.3245



52.8814, 0.3188, 0.3681



52.8814, 0.2705, 0.2952

Complementary

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



52.8814, 0.3496, 0.3245



70.1161, 0.2848, 0.3336

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.



52.8814, 0.2680, 0.3105



52.8814, 0.3496, 0.3245



52.8814, 0.2953, 0.3536

Square

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



52.8814, 0.3496, 0.3245



52.8814, 0.3413, 0.3708



52.8814, 0.2769, 0.3320



52.8814, 0.2838, 0.2893

Rectangle

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



52.8814, 0.3496, 0.3245



52.8814, 0.3590, 0.3567



52.8814, 0.2769, 0.3320



52.8814, 0.2684, 0.2993

Sweetspot

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



52.8838, 0.3496, 0.3245



89.7568, 0.3220, 0.3277



54.1900, 0.3113, 0.2782



18.9837, 0.3231, 0.3276



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.



52.8838, 0.3496, 0.3245



63.8852, 0.3587, 0.3236



60.7106, 0.3490, 0.3499



14.3883, 0.3279, 0.3270



9.5605, 0.6300, 0.3244



0.7136, 0.6053, 0.3108

Inverse Universe

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



52.8838, 0.3496, 0.3245



63.8852, 0.3587, 0.3236



60.7871, 0.2811, 0.3071



14.3883, 0.3279, 0.3270



9.5605, 0.6300, 0.3244



0.7136, 0.6053, 0.3108

Previews

White Background



This preview shows how the Yxy color 52.8814, 0.3496, 0.3245 looks on a white background.

Color Contrast Check

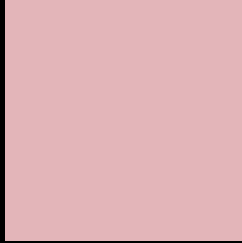
Large Text (above 18pt) WCAG AA × Fail

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 52.8814, 0.3496, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

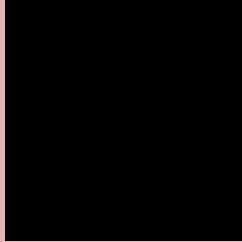
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8814, 0.3496, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 52.8814, 0.3496, 0.3245.



This preview shows how white text looks on a background with the Yxy color 52.8814, 0.3496, 0.3245.

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

52.8814, 0.3496, 0.3245

Protanopia

53.1966, 0.3167, 0.3302

Deuteranopia

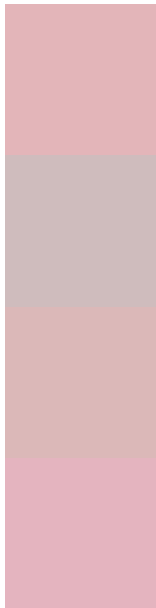
52.8746, 0.3381, 0.3314



Tritanopia

53.0315, 0.3429, 0.3132

Trichromacy



Original Color

52.8814, 0.3496, 0.3245

Protanomaly

52.9060, 0.3278, 0.3278

Deuteranomaly

52.8017, 0.3428, 0.3291

Tritanomaly

52.8981, 0.3455, 0.3166

Monochromacy



Original Color

52.8814, 0.3496, 0.3245

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.8539, 0.3260, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8814, 0.3496, 0.3245 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(227, 181, 185)` looks like.

```
.text, #text, p{  
    color:rgb(227, 181, 185)  
}
```

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(227, 181, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 181, 185) }
```

Border

The CSS property to change the border of an element to Yxy 52.8814, 0.3496, 0.3245 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(227, 181, 185) }
```

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

```
.border{ border-color:rgb(227, 181, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 181, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 181, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 181, 185); box-shadow:4px 4px 4px 4px rgb(227, 181, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8814, 0.3496, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 181, 185) }
```

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

```
.background{ background-color: rgb(227,  
181, 185) }
```

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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