

Converting Colors

Yxy(51.6115, 0.3428, 0.3111)

Have a look what the booklet for
Yxy(51.6115, 0.3428, 0.3111)
contains.

Yxy(51.4633, 0.3425, 0.3108)	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(51.4633, 0.3425, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	E2B1C1
RGB	226, 177, 193
RGB Percent	89%, 69%, 76%
CMY	0.1137, 0.3059, 0.2431
CMYK	0.00, 0.22, 0.15, 0.11
HSL	340°, 46%, 79%
HSV	340°, 22%, 89%
XYZ	56.7123, 51.4633, 57.4077
YIQ	193.4750, 24.0680, 15.3640

Conversions

Conversions Part 2

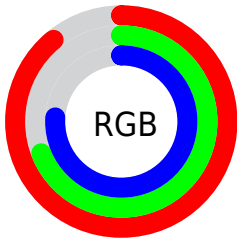
Format	Color
R _Y B	226, 177, 193
Decimal	14856641
CIE Lab	76.96, 20.25, -1.30
CIE LCh	77, 20.293, 356.331
Yxy	51.4633, 0.3425, 0.3108
Android (android.graphics.Color)	4293046721 (0xFFE2B1C1)
YUV	193.4750, -0.2342, 28.5244
Hunter-Lab	71.7379, 15.5715, 2.7702

Details

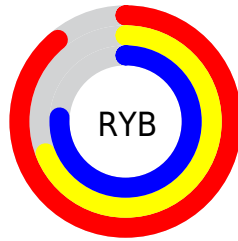
The Yxy color **51.4633, 0.3425, 0.3108** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.3901, 0.2899, 0.3480**, and the grayscale version is **53.6150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3774, 0.3175, 0.3135**, and **24.8548, 0.3500, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **42.6201, 0.3613, 0.3019**, and if you desaturate by 10%, it is **61.8593, 0.3271, 0.3195**.

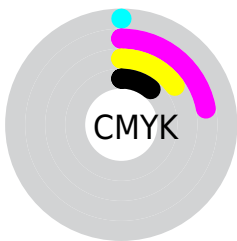
Distribution



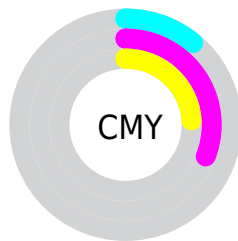
- Red (89%)
- Green (69%)
- Blue (76%)



- Red (89%)
- Yellow (69%)
- Blue (76%)



- Cyan (0%)
- Magenta (22%)
- Yellow (15%)
- Black (11%)





- Cyan (11%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4633, 0.3425, 0.3108 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 51.4633, 0.3425, 0.3108 by changing the saturation by 10% instead.


 51.4633, 0.3425,
0.3108

 51.4633, 0.3425,
0.3108


392.3611, 0.3279,
0.3197

 36.5775, 0.3461,
0.3086


 92.3392, 0.3372,
0.3140

 24.8805, 0.3506,
0.3059


119.0981, 0.3353,
0.3152

 15.9880, 0.3566,
0.3023


150.5835, 0.3336,
0.3162

 9.5157, 0.3648,
0.2974

187.1797, 0.3321,
0.3171

 5.0791, 0.3767,
0.2903

229.2712, 0.3308,
0.3179

 2.2937, 0.3957,
0.2791

277.2423, 0.3297,

 0.7704, 0.4311,

0.3186

0.2578

331.4775, 0.3288,
0.3192

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.4633, 0.3425,
0.3108

51.4633, 0.3425,
0.3108

42.6201, 0.3613,
0.3019

61.8593, 0.3271,
0.3195

35.2480, 0.3839,
0.2931

73.8710, 0.3146,
0.3277

29.2682, 0.4108,
0.2852

87.5660, 0.3044,
0.3353

24.5917, 0.4417,
0.2791

94.8353, 0.2958,
0.3301

■ 21.1191, 0.4759,
0.2761

■ 94.9080, 0.2952,
0.3289

■ 18.7366, 0.5112,
0.2772

■ 17.3079, 0.5449,
0.2832

■ 16.6608, 0.5697,
0.2912

Harmonies

Analogous

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



51.4633, 0.3154, 0.2932



51.4633, 0.3425, 0.3108



51.4633, 0.3618, 0.3332

Triad

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



51.4633, 0.3425, 0.3108



51.4633, 0.3355, 0.3779



51.4633, 0.2610, 0.2991

Complementary

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



51.4633, 0.3425, 0.3108



68.3901, 0.2899, 0.3480

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.



51.4633, 0.2659, 0.3216



51.4633, 0.3425, 0.3108



51.4633, 0.3082, 0.3689

Square

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



51.4633, 0.3425, 0.3108



51.4633, 0.3573, 0.3723



51.4633, 0.2829, 0.3477



51.4633, 0.2691, 0.2859

Rectangle

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



51.4633, 0.3425, 0.3108



51.4633, 0.3672, 0.3484



51.4633, 0.2829, 0.3477



51.4633, 0.2612, 0.3058

Sweetspot

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



51.4656, 0.3425, 0.3108



88.3854, 0.3210, 0.3233



50.5898, 0.3019, 0.2730



18.7146, 0.3218, 0.3228



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.



51.4656, 0.3425, 0.3108



62.1981, 0.3505, 0.3068



54.1118, 0.3546, 0.3385



13.7741, 0.3241, 0.3214



9.5249, 0.5656, 0.2889



0.6763, 0.5219, 0.2649

Inverse Universe

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



51.4656, 0.3425, 0.3108



62.1981, 0.3505, 0.3068



64.8934, 0.2799, 0.3193



13.7741, 0.3241, 0.3214



9.5249, 0.5656, 0.2889



0.6763, 0.5219, 0.2649

Previews

White Background



This preview shows how the Yxy color 51.4633, 0.3425, 0.3108 looks on a white background.

Color Contrast Check

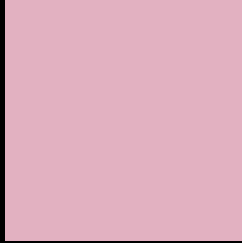
Large Text (above 18pt) WCAG AA × Fail

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 51.4633, 0.3425, 0.3108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

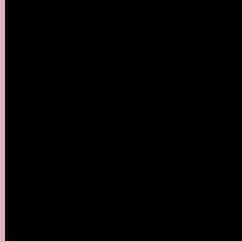
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4633, 0.3425, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 51.4633, 0.3425, 0.3108.



This preview shows how white text looks on a background with the Yxy color 51.4633, 0.3425, 0.3108.

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

51.4633, 0.3425, 0.3108

Protanopia

51.6417, 0.3061, 0.3154

Deuteranopia

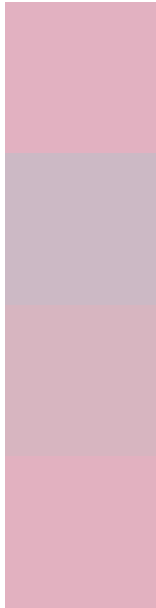
51.4966, 0.3267, 0.3195



Tritanopia

51.3746, 0.3443, 0.3131

Trichromacy



Original Color

51.4633, 0.3425, 0.3108

Protanomaly

51.5665, 0.3192, 0.3146

Deuteranomaly

51.3006, 0.3331, 0.3161

Tritanomaly

51.4188, 0.3434, 0.3120

Monochromacy



Original Color

51.4633, 0.3425, 0.3108

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.3700, 0.3231, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4633, 0.3425, 0.3108 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(226, 177, 193)` looks like.

```
.text, #text, p{  
    color:rgb(226, 177, 193)  
}
```

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(226, 177, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 177, 193) }
```

Border

The CSS property to change the border of an element to Yxy 51.4633, 0.3425, 0.3108 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(226, 177, 193) }
```

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

```
.border{ border-color:rgb(226, 177, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 177, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 177, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 177, 193);  
box-shadow:4px 4px 4px 4px rgb(226, 177,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4633, 0.3425, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 177, 193) }
```

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

```
.background{ background-color: rgb(226,  
177, 193) }
```

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