

Converting Colors

Yxy(52.7513, 0.3448, 0.3133)

Have a look what the booklet for
Yxy(52.7513, 0.3448, 0.3133)
contains.

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Color

Yxy(52.7485, 0.3448, 0.3133)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E5B3C1 |
| RGB | 229, 179, 193 |
| RGB Percent | 90%, 70%, 76% |
| CMY | 0.1020, 0.2980, 0.2432 |
| CMYK | 0.00, 0.22, 0.16, 0.10 |
| HSL | 343°, 49%, 80% |
| HSV | 343°, 22%, 90% |
| XYZ | 58.0520, 52.7485, 57.5637 |
| YIQ | 195.5460, 25.3060, 14.9540 |

Conversions

Conversions Part 2

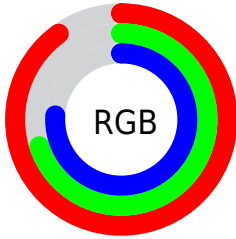
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 229, 179, 193 |
| Decimal | 15053761 |
| CIE Lab | 77.73, 20.23, -0.12 |
| CIE LCh | 78, 20.233, 359.656 |
| Yxy | 52.7485, 0.3448, 0.3133 |
| Android (android.graphics.Color) | 4293243841 (0xFFE5B3C1) |
| YUV | 195.5460, -1.2552, 29.3392 |
| Hunter-Lab | 72.6282, 15.5765, 3.8476 |

Details

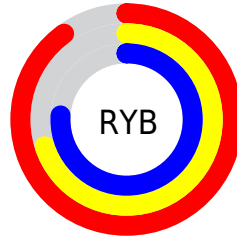
The Yxy color **52.7485, 0.3448, 0.3133** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.5192, 0.2883, 0.3453**, and the grayscale version is **54.9124, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5162, 0.3174, 0.3154**, and **25.6994, 0.3531, 0.3083** is the 20% darker color. If you saturate the color by 10%, you get **43.6252, 0.3650, 0.3057**, and if you desaturate by 10%, it is **63.4827, 0.3283, 0.3207**.

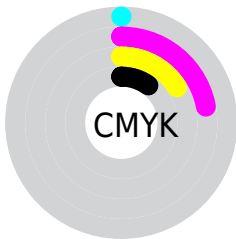
Distribution



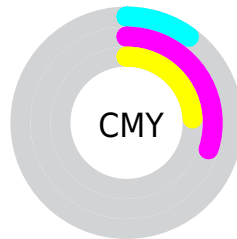
- Red (90%)
- Green (70%)
- Blue (76%)



- Red (90%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (10%)



- Cyan (10%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7485, 0.3448, 0.3133 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 52.7485, 0.3448, 0.3133 by changing the saturation by 10% instead.

 52.7485, 0.3448,
0.3133

 52.7485, 0.3448,
0.3133

397.3195, 0.3291,
0.3210

 37.6020, 0.3486,
0.3114

 94.2342, 0.3392,
0.3161

 25.6740, 0.3535,
0.3090


121.3422, 0.3370,
0.3171

 16.5799, 0.3599,
0.3059

153.2062, 0.3352,
0.3180

 9.9354, 0.3686,
0.3016

190.2105, 0.3336,
0.3188

 5.3562, 0.3813,
0.2954

232.7396, 0.3323,
0.3194

 2.4577, 0.4014,
0.2857

281.1779, 0.3311,

 0.8553, 0.4378,

0.3200

0.2679

335.9097, 0.3300,
0.3205

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.7485, 0.3448,
0.3133

52.7485, 0.3448,
0.3133

43.6252, 0.3650,
0.3057

63.4827, 0.3283,
0.3207

36.0278, 0.3896,
0.2982

75.8932, 0.3149,
0.3278

29.8744, 0.4188,
0.2915

90.0505, 0.3040,
0.3343

25.0722, 0.4524,
0.2866

95.3944, 0.2970,
0.3290

■ 21.5178, 0.4894,
0.2845

■ 19.0925, 0.5272,
0.2864

■ 17.6542, 0.5622,
0.2929

■ 17.0247, 0.5867,
0.3006

Harmonies

Analogous

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



52.7485, 0.3185, 0.2952



52.7485, 0.3448, 0.3133



52.7485, 0.3626, 0.3357

Triad

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



52.7485, 0.3448, 0.3133



52.7485, 0.3324, 0.3770



52.7485, 0.2618, 0.2975

Complementary

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



52.7485, 0.3448, 0.3133



70.5192, 0.2883, 0.3453

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.



52.7485, 0.2652, 0.3189



52.7485, 0.3448, 0.3133



52.7485, 0.3052, 0.3666

Square

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



52.7485, 0.3448, 0.3133



52.7485, 0.3549, 0.3731



52.7485, 0.2808, 0.3447



52.7485, 0.2713, 0.2857

Rectangle

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



52.7485, 0.3448, 0.3133



52.7485, 0.3668, 0.3506



52.7485, 0.2808, 0.3447



52.7485, 0.2615, 0.3037

Sweetspot

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



52.7509, 0.3448, 0.3133



88.3345, 0.3215, 0.3242



52.3231, 0.3038, 0.2729



18.7029, 0.3224, 0.3237



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.



52.7509, 0.3448, 0.3133



62.0427, 0.3531, 0.3100



56.6682, 0.3544, 0.3414



14.4339, 0.3249, 0.3225



9.7537, 0.5828, 0.2984



0.7362, 0.5411, 0.2754

Inverse Universe

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



52.7509, 0.3448, 0.3133



62.0427, 0.3531, 0.3100



65.4640, 0.2794, 0.3162



14.4339, 0.3249, 0.3225



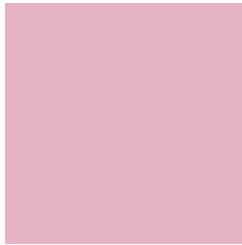
9.7537, 0.5828, 0.2984



0.7362, 0.5411, 0.2754

Previews

White Background



This preview shows how the Yxy color 52.7485, 0.3448, 0.3133 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 52.7485, 0.3448, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

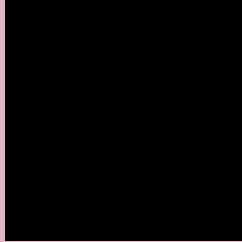
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7485, 0.3448, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 52.7485, 0.3448, 0.3133.



This preview shows how white text looks on a background with the Yxy color 52.7485, 0.3448, 0.3133.

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

52.7485, 0.3448, 0.3133

Protanopia

52.9011, 0.3084, 0.3180

Deuteranopia

52.7725, 0.3290, 0.3219



Tritanopia

52.7485, 0.3448, 0.3133

Trichromacy



Original Color

52.7485, 0.3448, 0.3133

Protanomaly

52.8373, 0.3216, 0.3171

Deuteranomaly

52.5782, 0.3354, 0.3186

Tritanomaly

52.7485, 0.3448, 0.3133

Monochromacy



Original Color

52.7485, 0.3448, 0.3133

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.1769, 0.3237, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7485, 0.3448, 0.3133 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 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(229, 179, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 193) }
```

Border

The CSS property to change the border of an element to Yxy 52.7485, 0.3448, 0.3133 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, 193) }
```

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

```
.border{ border-color:rgb(229, 179, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 193);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7485, 0.3448, 0.3133 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, 193) }
```

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

```
.background{ background-color: rgb(229,  
179, 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](#).

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