

Converting Colors

$Yxy(52.0600, 0.3497, 0.3236)$

Have a look what the booklet for
Yxy(52.0600, 0.3497, 0.3236)
contains.

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Color

Yxy(51.8696, 0.3500, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	E2B3B8
RGB	226, 179, 184
RGB Percent	89%, 70%, 72%
CMY	0.1137, 0.2980, 0.2786
CMYK	0.00, 0.21, 0.19, 0.11
HSL	354°, 45%, 79%
HSV	354°, 21%, 89%
XYZ	56.1359, 51.8696, 52.3828
YIQ	193.6230, 26.4070, 11.5190

Conversions

Conversions Part 2

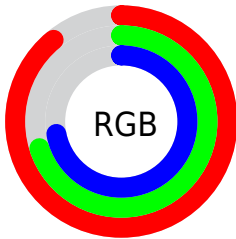
Format	Color
R _Y B	226, 179, 184
Decimal	14857144
CIE Lab	77.20, 17.77, 3.98
CIE LCh	77, 18.210, 12.628
Yxy	51.8696, 0.3500, 0.3234
Android (android.graphics.Color)	4293047224 (0xFFE2B3B8)
YUV	193.6230, -4.7441, 28.3946
Hunter-Lab	72.0206, 13.0946, 7.2909

Details

The Yxy color **51.8696, 0.3500, 0.3234** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.2068, 0.2846, 0.3347**, and the grayscale version is **53.7320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9679, 0.3231, 0.3241**, and **25.1065, 0.3603, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **42.7546, 0.3749, 0.3205**, and if you desaturate by 10%, it is **62.5952, 0.3299, 0.3262**.

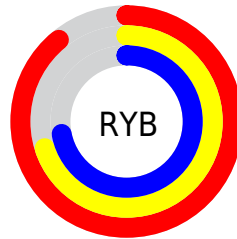
Distribution



Red (89%)

Green (70%)

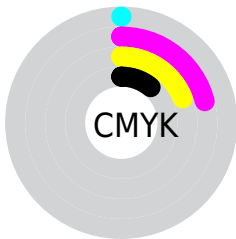
Blue (72%)



Red (89%)

Yellow (70%)

Blue (72%)

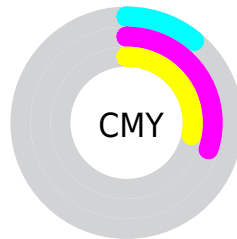


Cyan (0%)

Magenta (21%)

Yellow (19%)

Black (11%)



Cyan (11%)


Magenta (30%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8696, 0.3500, 0.3234 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 51.8696, 0.3500, 0.3234 by changing the saturation by 10% instead.


 51.8696, 0.3500,
0.3234

 51.8696, 0.3500,
0.3234

393.9330, 0.3316,
0.3263

 36.9011, 0.3545,
0.3226


 92.9389, 0.3434,
0.3245

 25.1310, 0.3603,
0.3216


119.8085, 0.3409,
0.3249

 16.1747, 0.3679,
0.3202


151.4140, 0.3387,
0.3252

 9.6478, 0.3784,
0.3183

188.1397, 0.3369,
0.3255

 5.1661, 0.3938,
0.3152

230.3701, 0.3353,
0.3258

 2.3450, 0.4184,
0.3098

278.4895, 0.3339,

 0.7974, 0.4724,

0.3260

0.3032

332.8823, 0.3327,
0.3262

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.8696, 0.3500,
0.3234

51.8696, 0.3500,
0.3234

42.7546, 0.3749,
0.3205

62.5952, 0.3299,
0.3262

35.1657, 0.4054,
0.3178

74.9965, 0.3139,
0.3288

29.0217, 0.4421,
0.3155

89.1436, 0.3009,
0.3312

24.2305, 0.4842,
0.3140

94.9108, 0.2952,
0.3289

■ 20.6899, 0.5293,
0.3140

■ 18.2829, 0.5727,
0.3160

■ 16.8702, 0.6080,
0.3199

■ 16.2362, 0.6294,
0.3241

Harmonies

Analogous

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



51.8696, 0.3288, 0.3047



51.8696, 0.3500, 0.3234



51.8696, 0.3609, 0.3442

Triad

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



51.8696, 0.3500, 0.3234



51.8696, 0.3201, 0.3698



51.8696, 0.2688, 0.2946

Complementary

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



51.8696, 0.3500, 0.3234



69.2068, 0.2846, 0.3347

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.



51.8696, 0.2668, 0.3108



51.8696, 0.3500, 0.3234



51.8696, 0.2958, 0.3553

Square

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



51.8696, 0.3500, 0.3234



51.8696, 0.3431, 0.3719



51.8696, 0.2765, 0.3332



51.8696, 0.2821, 0.2881

Rectangle

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



51.8696, 0.3500, 0.3234



51.8696, 0.3607, 0.3567



51.8696, 0.2765, 0.3332



51.8696, 0.2668, 0.2990

Sweetspot

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



51.8720, 0.3500, 0.3234



89.7735, 0.3218, 0.3275



53.0317, 0.3106, 0.2768



18.9876, 0.3229, 0.3273



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.



51.8720, 0.3500, 0.3234



62.7072, 0.3602, 0.3222



59.3690, 0.3502, 0.3496



13.7239, 0.3275, 0.3266



9.2699, 0.6271, 0.3228



0.6506, 0.5970, 0.3062

Inverse Universe

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



51.8720, 0.3500, 0.3234



62.7072, 0.3602, 0.3222



60.1840, 0.2803, 0.3075



13.7239, 0.3275, 0.3266



9.2699, 0.6271, 0.3228



0.6506, 0.5970, 0.3062

Previews

White Background



This preview shows how the Yxy color 51.8696, 0.3500, 0.3234 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 51.8696, 0.3500, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

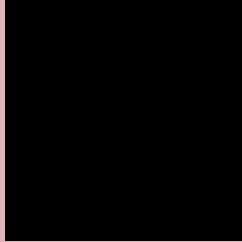
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8696, 0.3500, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 51.8696, 0.3500, 0.3234.



This preview shows how white text looks on a background with the Yxy color 51.8696, 0.3500, 0.3234.

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

51.8696, 0.3500, 0.3234

Protanopia

52.0140, 0.3160, 0.3290

Deuteranopia

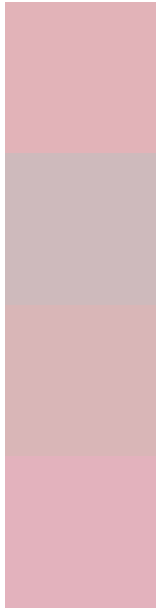
51.6969, 0.3376, 0.3303



Tritanopia

51.9775, 0.3441, 0.3132

Trichromacy



Original Color

51.8696, 0.3500, 0.3234

Protanomaly

51.8705, 0.3280, 0.3266

Deuteranomaly

51.6265, 0.3423, 0.3279

Tritanomaly

51.8458, 0.3467, 0.3165

Monochromacy



Original Color

51.8696, 0.3500, 0.3234

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.2347, 0.3261, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8696, 0.3500, 0.3234 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, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(226, 179, 184)  
}
```

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, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 179, 184) }
```

Border

The CSS property to change the border of an element to Yxy 51.8696, 0.3500, 0.3234 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, 179, 184) }
```

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

```
.border{ border-color:rgb(226, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(226, 179,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8696, 0.3500, 0.3234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 179, 184) }
```

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

```
.background{ background-color: rgb(226,  
179, 184) }
```

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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