

Converting Colors

Yxy(50.3134, 0.3487, 0.3311)

Have a look what the booklet for
Yxy(50.3134, 0.3487, 0.3311)
contains.

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Color

Yxy(50.3200, 0.3489, 0.3315)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DAB3B1 |
| RGB | 218, 179, 177 |
| RGB Percent | 85%, 70%, 69% |
| CMY | 0.1452, 0.2980, 0.3059 |
| CMYK | 0.00, 0.18, 0.19, 0.15 |
| HSL | 3°, 36%, 77% |
| HSV | 3°, 19%, 85% |
| XYZ | 52.9612, 50.3200, 48.5136 |
| YIQ | 190.4330, 23.8860, 7.6460 |

Conversions

Conversions Part 2

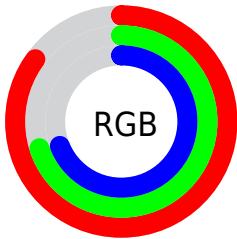
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 218, 179, 177 |
| Decimal | 14332849 |
| CIE Lab | 76.27, 13.75, 6.32 |
| CIE LCh | 76, 15.132, 24.696 |
| Yxy | 50.3200, 0.3489, 0.3315 |
| Android (android.graphics.Color) | 4292522929 (0xFFDAB3B1) |
| YUV | 190.4330, -6.6225, 24.1763 |
| Hunter-Lab | 70.9366, 9.1290, 9.1071 |

Details

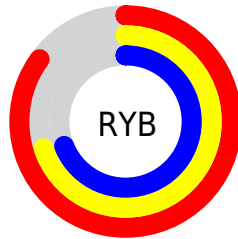
The Yxy color **50.3200, 0.3489, 0.3315** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.4891, 0.2845, 0.3265**, and the grayscale version is **51.7834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5599, 0.3276, 0.3310**, and **24.1635, 0.3603, 0.3323** is the 20% darker color. If you saturate the color by 10%, you get **41.8293, 0.3750, 0.3329**, and if you desaturate by 10%, it is **60.2021, 0.3278, 0.3301**.

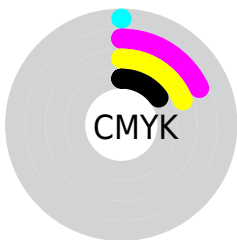
Distribution



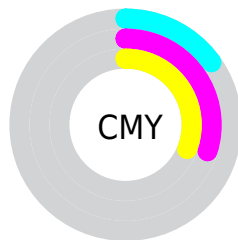
- Red (85%)
- Green (70%)
- Blue (69%)



- Red (85%)
- Yellow (70%)
- Blue (69%)



- Cyan (0%)
- Magenta (18%)
- Yellow (19%)
- Black (15%)





- Cyan (15%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3200, 0.3489, 0.3315 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 50.3200, 0.3489, 0.3315 by changing the saturation by 10% instead.

 50.3200, 0.3489,
0.3315

 50.3200, 0.3489,
0.3315


387.9160, 0.3309,
0.3305

 35.6677, 0.3534,
0.3317


 90.6488, 0.3424,
0.3312

 24.1777, 0.3591,
0.3319


117.0942, 0.3399,
0.3311

 15.4655, 0.3666,
0.3320


148.2393, 0.3379,
0.3309

 9.1467, 0.3771,
0.3322

184.4687, 0.3361,
0.3308

 4.8370, 0.3926,
0.3320

226.1666, 0.3345,
0.3307

 2.1519, 0.4177,
0.3312

273.7176, 0.3332,

 0.6936, 0.4994,

0.3307

0.3449

327.5059, 0.3320,
0.3306

0.0000, 0.0000,
0.0000

50.3200, 0.3489,
0.3315

50.3200, 0.3489,
0.3315

41.8293, 0.3750,
0.3329

60.2021, 0.3278,
0.3301

34.6612, 0.4070,
0.3344

71.5268, 0.3109,
0.3289

28.7510, 0.4454,
0.3357

84.3513, 0.2972,
0.3277

24.0262, 0.4894,
0.3366

93.6401, 0.2906,
0.3289

20.4068, 0.5362,
0.3368

■ 17.8029, 0.5805,
0.3360

■ 16.1107, 0.6152,
0.3343

■ 15.2004, 0.6354,
0.3323

■ 15.1341, 0.6372,
0.3323

Harmonies

Analogous

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



50.3200, 0.3341, 0.3144



50.3200, 0.3489, 0.3315



50.3200, 0.3536, 0.3486

Triad

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



50.3200, 0.3489, 0.3315



50.3200, 0.3106, 0.3592



50.3200, 0.2792, 0.2968

Complementary

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



50.3200, 0.3489, 0.3315



63.4891, 0.2845, 0.3265

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.



50.3200, 0.2734, 0.3075



50.3200, 0.3489, 0.3315



50.3200, 0.2912, 0.3440

Square

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



50.3200, 0.3489, 0.3315



50.3200, 0.3311, 0.3655



50.3200, 0.2778, 0.3248



50.3200, 0.2937, 0.2947

Rectangle

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



50.3200, 0.3489, 0.3315



50.3200, 0.3504, 0.3578



50.3200, 0.2778, 0.3248



50.3200, 0.2762, 0.2995

Sweetspot

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



50.3223, 0.3489, 0.3315



90.1222, 0.3228, 0.3298



51.3319, 0.3160, 0.2841



19.0696, 0.3240, 0.3299



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.



50.3223, 0.3489, 0.3315



66.2218, 0.3597, 0.3321



58.8506, 0.3447, 0.3545



13.1541, 0.3290, 0.3302



9.1158, 0.6362, 0.3330



0.6277, 0.6249, 0.3420

Inverse Universe

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



63.4891, 0.2845, 0.3265



88.6887, 0.2783, 0.3259



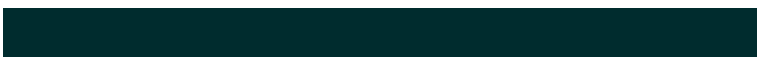
53.9387, 0.2831, 0.3021



14.7136, 0.2982, 0.3278



29.8841, 0.2205, 0.3136



1.9706, 0.2212, 0.3163

Previews

White Background



This preview shows how the Yxy color 50.3200, 0.3489, 0.3315 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 50.3200, 0.3489, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

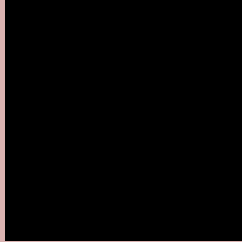
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3200, 0.3489, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 50.3200, 0.3489, 0.3315.



This preview shows how white text looks on a background with the Yxy color 50.3200, 0.3489, 0.3315.

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

50.3200, 0.3489, 0.3315

Protanopia

50.2555, 0.3216, 0.3353

Deuteranopia

50.4394, 0.3429, 0.3363



Tritanopia

50.4215, 0.3390, 0.3128

Trichromacy



Original Color

50.3200, 0.3489, 0.3315

Protanomaly

50.1328, 0.3313, 0.3340

Deuteranomaly

50.4785, 0.3458, 0.3351

Tritanomaly

50.4460, 0.3422, 0.3197

Monochromacy



Original Color

50.3200, 0.3489, 0.3315

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.9000, 0.3253, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3200, 0.3489, 0.3315 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(218, 179, 177)` looks like.

```
.text, #text, p{  
    color:rgb(218, 179, 177)  
}
```

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(218, 179, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 179, 177) }
```

Border

The CSS property to change the border of an element to Yxy 50.3200, 0.3489, 0.3315 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(218, 179, 177) }
```

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

```
.border{ border-color:rgb(218, 179, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 179, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 179, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 179, 177);  
box-shadow:4px 4px 4px 4px rgb(218, 179,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3200, 0.3489, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 179, 177) }
```

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

```
.background{ background-color: rgb(218,  
179, 177) }
```

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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