

Converting Colors

$Yxy(49.6986, 0.3587, 0.3233)$

Have a look what the booklet for
Yxy(49.6986, 0.3587, 0.3233)
contains.

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Color

Yxy(49.5955, 0.3585, 0.3234)

Conversions

Conversions Part 1

Format	Color
Hex	E4ADB2
RGB	228, 173, 178
RGB Percent	89%, 68%, 70%
CMY	0.1058, 0.3216, 0.3020
CMYK	0.00, 0.24, 0.22, 0.11
HSL	355°, 50%, 79%
HSV	355°, 24%, 89%
XYZ	54.9783, 49.5955, 48.7827
YIQ	190.0150, 31.1750, 13.2150

Conversions

Conversions Part 2

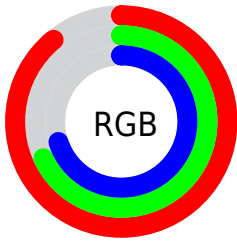
Format	Color
R _Y B	228, 173, 178
Decimal	14986674
CIE Lab	75.82, 20.82, 5.27
CIE LCh	76, 21.482, 14.210
Yxy	49.5955, 0.3585, 0.3234
Android (android.graphics.Color)	4293176754 (0xFFE4ADB2)
YUV	190.0150, -5.9234, 33.3128
Hunter-Lab	70.4241, 16.1084, 8.2267

Details

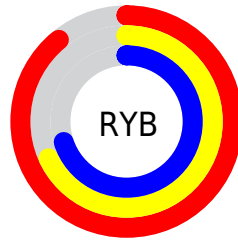
The Yxy color **49.5955, 0.3585, 0.3234** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.7146, 0.2800, 0.3348**, and the grayscale version is **51.5243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2391, 0.3275, 0.3241**, and **23.6843, 0.3725, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **40.8156, 0.3857, 0.3210**, and if you desaturate by 10%, it is **59.9982, 0.3365, 0.3258**.

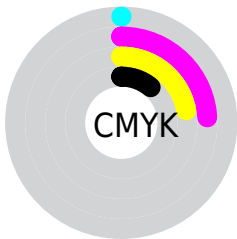
Distribution



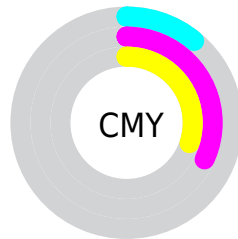
- Red (89%)
- Green (68%)
- Blue (70%)



- Red (89%)
- Yellow (68%)
- Blue (70%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)
- Black (11%)





- Cyan (11%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5955, 0.3585, 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 49.5955, 0.3585, 0.3234 by changing the saturation by 10% instead.

 49.5955, 0.3585,
0.3234

 49.5955, 0.3585,
0.3234


385.0820, 0.3357,
0.3265

 35.0921, 0.3642,
0.3226


 89.5753, 0.3502,
0.3246

 23.7338, 0.3714,
0.3214


115.8204, 0.3471,
0.3250

 15.1363, 0.3810,
0.3199


146.7483, 0.3445,
0.3253

 8.9151, 0.3944,
0.3176

182.7432, 0.3422,
0.3256

 4.6858, 0.4141,
0.3138

224.1897, 0.3403,
0.3259

 2.0641, 0.4460,
0.3071

271.4720, 0.3386,

 0.6443, 0.5412,

0.3261

324.9747, 0.3370,
0.3263

0.3025

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.5955, 0.3585,
0.3234

49.5955, 0.3585,
0.3234

40.8156, 0.3857,
0.3210

59.9982, 0.3365,
0.3258

33.5703, 0.4189,
0.3187

72.0925, 0.3189,
0.3281

27.7734, 0.4582,
0.3170

85.9516, 0.3048,
0.3302

23.3273, 0.5025,
0.3162

95.2381, 0.2964,
0.3290

■ 20.1227, 0.5481,
0.3168

■ 18.0330, 0.5894,
0.3192

■ 16.9045, 0.6199,
0.3232

■ 16.5509, 0.6316,
0.3253

Harmonies

Analogous

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



49.5955, 0.3334, 0.3011



49.5955, 0.3585, 0.3234



49.5955, 0.3709, 0.3480

Triad

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



49.5955, 0.3585, 0.3234



49.5955, 0.3198, 0.3777



49.5955, 0.2610, 0.2872

Complementary

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



49.5955, 0.3585, 0.3234



69.7146, 0.2800, 0.3348

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.



49.5955, 0.2579, 0.3056



49.5955, 0.3585, 0.3234



49.5955, 0.2909, 0.3595

Square

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



49.5955, 0.3585, 0.3234



49.5955, 0.3476, 0.3808



49.5955, 0.2685, 0.3323



49.5955, 0.2773, 0.2804

Rectangle

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



49.5955, 0.3585, 0.3234



49.5955, 0.3699, 0.3629



49.5955, 0.2685, 0.3323



49.5955, 0.2584, 0.2921

Sweetspot

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



49.5978, 0.3585, 0.3234



88.1334, 0.3237, 0.3275



51.1012, 0.3110, 0.2683



18.6564, 0.3247, 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.



49.5978, 0.3585, 0.3234



57.9479, 0.3715, 0.3222



58.5492, 0.3572, 0.3541



14.3891, 0.3278, 0.3269



9.5621, 0.6296, 0.3242



0.7139, 0.6042, 0.3102

Inverse Universe

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



49.5978, 0.3585, 0.3234



57.9479, 0.3715, 0.3222



58.6362, 0.2750, 0.3024



14.3891, 0.3278, 0.3269



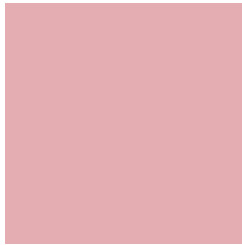
9.5621, 0.6296, 0.3242



0.7139, 0.6042, 0.3102

Previews

White Background



This preview shows how the Yxy color 49.5955, 0.3585, 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 49.5955, 0.3585, 0.3234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

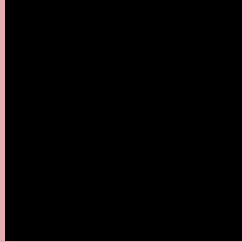
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5955, 0.3585, 0.3234

Background



This preview shows how black text looks on a background with the Yxy color 49.5955, 0.3585, 0.3234.



This preview shows how white text looks on a background with the Yxy color 49.5955, 0.3585, 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

49.5955, 0.3585, 0.3234

Protanopia

49.6970, 0.3177, 0.3303

Deuteranopia

49.7774, 0.3405, 0.3339



Tritanopia

49.6658, 0.3532, 0.3143

Trichromacy



Original Color

49.5955, 0.3585, 0.3234

Protanomaly

49.2625, 0.3319, 0.3278

Deuteranomaly

49.6140, 0.3473, 0.3303

Tritanomaly

49.5405, 0.3560, 0.3177

Monochromacy



Original Color

49.5955, 0.3585, 0.3234

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.6635, 0.3282, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5955, 0.3585, 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(228, 173, 178)` looks like.

```
.text, #text, p{  
    color:rgb(228, 173, 178)  
}
```

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(228, 173, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 173, 178) }
```

Border

The CSS property to change the border of an element to Yxy 49.5955, 0.3585, 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(228, 173, 178) }
```

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

```
.border{ border-color:rgb(228, 173, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 173, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 173, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 173, 178);  
box-shadow:4px 4px 4px 4px rgb(228, 173,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5955, 0.3585, 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(228, 173, 178) }
```

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

```
.background{ background-color: rgb(228,  
173, 178) }
```

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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