

Converting Colors

$Yxy(43.9372, 0.3258, 0.3094)$

Have a look what the booklet for
Yxy(43.9372, 0.3258, 0.3094)
contains.

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Color

Yxy(43.8845, 0.3255, 0.3089)

Conversions

Conversions Part 1

Format	Color
Hex	C6A9B9
RGB	198, 169, 185
RGB Percent	78%, 66%, 73%
CMY	0.2234, 0.3373, 0.2745
CMYK	0.00, 0.15, 0.07, 0.22
HSL	327°, 20%, 72%
HSV	327°, 15%, 78%
XYZ	46.2428, 43.8845, 51.9397
YIQ	179.4950, 12.1480, 11.1240

Conversions

Conversions Part 2

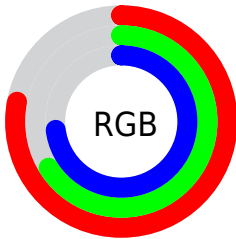
Format	Color
R _Y B	198, 169, 185
Decimal	13019577
CIE Lab	72.15, 13.29, -4.29
CIE LCh	72, 13.965, 342.129
Yxy	43.8845, 0.3255, 0.3089
Android (android.graphics.Color)	4291209657 (0xFFC6A9B9)
YUV	179.4950, 2.7140, 16.2289
Hunter-Lab	66.2454, 8.6731, -0.1146

Details

The Yxy color **43.8845, 0.3255, 0.3089** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.2192, 0.3017, 0.3500**, and the grayscale version is **45.3409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9222, 0.3233, 0.3123**, and **20.3178, 0.3291, 0.3035** is the 20% darker color. If you saturate the color by 10%, you get **36.7046, 0.3364, 0.2945**, and if you desaturate by 10%, it is **52.2077, 0.3164, 0.3228**.

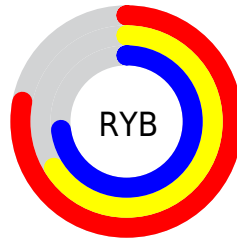
Distribution



Red (78%)

Green (66%)

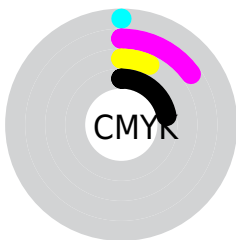
Blue (73%)



Red (78%)

Yellow (66%)

Blue (73%)

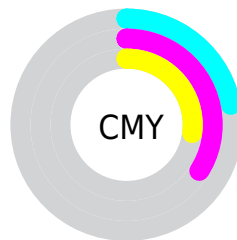


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (34%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8845, 0.3255, 0.3089 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 43.8845, 0.3255, 0.3089 by changing the saturation by 10% instead.


 43.8845, 0.3255,
0.3089

 43.8845, 0.3255,
0.3089


362.2367, 0.3191,
0.3189

 30.5797, 0.3271,
0.3064


 81.0439, 0.3232,
0.3125

 20.2790, 0.3291,
0.3032


 105.6673, 0.3223,
0.3139

 12.5980, 0.3319,
0.2990


134.8324, 0.3216,
0.3150

 7.1523, 0.3357,
0.2931

168.9236, 0.3209,
0.3160

 3.5576, 0.3413,
0.2844

208.3252, 0.3204,
0.3169

 1.4293, 0.3507,
0.2701

253.4217, 0.3199,

 0.2382, 0.4086,

0.3176

0.1767

304.5974, 0.3195,
0.3183

0.0000, 0.0000,
0.0000

43.8845, 0.3255,
0.3089

43.8845, 0.3255,
0.3089

36.7046, 0.3364,
0.2945

52.2077, 0.3164,
0.3228

30.6117, 0.3492,
0.2798

61.7158, 0.3089,
0.3359

25.5535, 0.3642,
0.2657

72.4551, 0.3026,
0.3481

21.4711, 0.3814,
0.2527

84.4681, 0.2974,
0.3593

18.2993, 0.4006,
0.2422

89.2118, 0.2927,
0.3565

■ 15.9653, 0.4213,
0.2352

■ 89.7219, 0.2880,
0.3467

■ 14.3847, 0.4427,
0.2329

■ 90.2577, 0.2834,
0.3372

■ 13.4551, 0.4639,
0.2360

■ 90.7515, 0.2795,
0.3289

■ 13.1208, 0.4750,
0.2390

Harmonies

Analogous

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



43.8845, 0.3053, 0.2986



43.8845, 0.3255, 0.3089



43.8845, 0.3427, 0.3243

Triad

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



43.8845, 0.3255, 0.3089



43.8845, 0.3377, 0.3637



43.8845, 0.2753, 0.3147

Complementary

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



43.8845, 0.3255, 0.3089



52.2192, 0.3017, 0.3500

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.



43.8845, 0.2834, 0.3328



43.8845, 0.3255, 0.3089



43.8845, 0.3192, 0.3619

Square

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



43.8845, 0.3255, 0.3089



43.8845, 0.3498, 0.3558



43.8845, 0.2993, 0.3504



43.8845, 0.2768, 0.3013

Rectangle

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



43.8845, 0.3255, 0.3089



43.8845, 0.3498, 0.3357



43.8845, 0.2993, 0.3504



43.8845, 0.2770, 0.3204

Sweetspot

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



43.8864, 0.3255, 0.3089



93.3728, 0.3159, 0.3236



42.3445, 0.3000, 0.2915



19.7272, 0.3165, 0.3226



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.



43.8864, 0.3255, 0.3089



72.8746, 0.3292, 0.3038



43.3205, 0.3380, 0.3266



10.7332, 0.3205, 0.3163



8.5462, 0.4724, 0.2376



0.4191, 0.4325, 0.2156

Inverse Universe

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



43.8864, 0.3255, 0.3089



72.8746, 0.3292, 0.3038



52.8314, 0.2920, 0.3314



10.7332, 0.3205, 0.3163



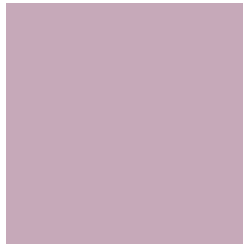
8.5462, 0.4724, 0.2376



0.4191, 0.4325, 0.2156

Previews

White Background



This preview shows how the Yxy color 43.8845, 0.3255, 0.3089 looks on a white background.

Color Contrast Check

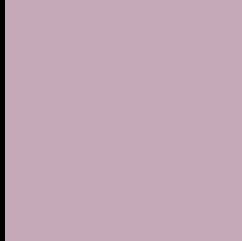
Large Text (above 18pt) WCAG AA × Fail

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 43.8845, 0.3255, 0.3089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

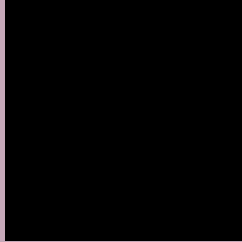
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8845, 0.3255, 0.3089

Background



This preview shows how black text looks on a background with the Yxy color 43.8845, 0.3255, 0.3089.



This preview shows how white text looks on a background with the Yxy color 43.8845, 0.3255, 0.3089.

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

43.8845, 0.3255, 0.3089

Protanopia

44.0719, 0.3032, 0.3119

Deuteranopia

44.0421, 0.3197, 0.3137



Tritanopia

43.8006, 0.3272, 0.3114

Trichromacy



Original Color

43.8845, 0.3255, 0.3089

Protanomaly

43.8323, 0.3110, 0.3096

Deuteranomaly

44.0558, 0.3225, 0.3125

Tritanomaly

43.8424, 0.3263, 0.3102

Monochromacy



Original Color

43.8845, 0.3255, 0.3089

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.9929, 0.3175, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8845, 0.3255, 0.3089 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(198, 169, 185)` looks like.

```
.text, #text, p{  
    color:rgb(198, 169, 185)  
}
```

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(198, 169, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 169, 185) }
```

Border

The CSS property to change the border of an element to Yxy 43.8845, 0.3255, 0.3089 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(198, 169, 185) }
```

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

```
.border{ border-color:rgb(198, 169, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 169, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 169, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 169, 185);  
box-shadow:4px 4px 4px 4px rgb(198, 169,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8845, 0.3255, 0.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 169, 185) }
```

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

```
.background{ background-color: rgb(198,  
169, 185) }
```

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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