

Converting Colors

$Yxy(43.0119, 0.3365, 0.3189)$

Have a look what the booklet for
Yxy(43.0119, 0.3365, 0.3189)
contains.

Yxy(43.0119, 0.3365, 0.3189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.0119, 0.3365, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	C8A7AF
RGB	200, 167, 175
RGB Percent	78%, 65%, 69%
CMY	0.2155, 0.3451, 0.3136
CMYK	0.00, 0.17, 0.13, 0.22
HSL	345°, 23%, 72%
HSV	345°, 17%, 78%
XYZ	45.3857, 43.0119, 46.4782
YIQ	177.7790, 17.1000, 9.4840

Conversions

Conversions Part 2

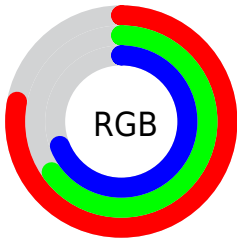
Format	Color
R _Y B	200, 167, 175
Decimal	13150127
CIE Lab	71.56, 13.38, 0.38
CIE LCh	72, 13.387, 1.634
Yxy	43.0119, 0.3365, 0.3189
Android (android.graphics.Color)	4291340207 (0xFFC8A7AF)
YUV	177.7790, -1.3700, 19.4878
Hunter-Lab	65.5835, 8.7563, 3.8903

Details

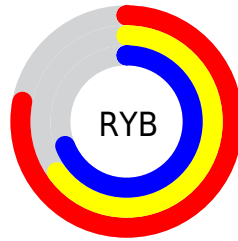
The Yxy color **43.0119, 0.3365, 0.3189** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.3480, 0.2933, 0.3394**, and the grayscale version is **44.4019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2157, 0.3309, 0.3211**, and **19.8025, 0.3434, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **35.6811, 0.3554, 0.3124**, and if you desaturate by 10%, it is **51.5469, 0.3211, 0.3251**.

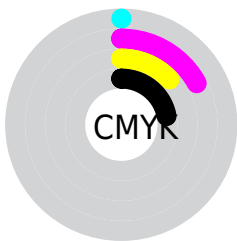
Distribution



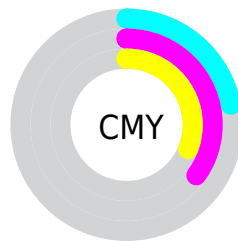
- Red (78%)
- Green (65%)
- Blue (69%)



- Red (78%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (22%)





- Cyan (22%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0119, 0.3365, 0.3189 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 43.0119, 0.3365, 0.3189 by changing the saturation by 10% instead.


 43.0119, 0.3365,
0.3189


 43.0119, 0.3365,
0.3189


358.6607, 0.3244,
0.3240

 29.8945, 0.3396,
0.3176


 79.7288, 0.3321,
0.3208

 19.7585, 0.3436,
0.3159


 104.0971, 0.3304,
0.3215

 12.2196, 0.3489,
0.3136


132.9844, 0.3290,
0.3221

 6.8934, 0.3565,
0.3103

166.7752, 0.3278,
0.3226

 3.3955, 0.3682,
0.3053

205.8538, 0.3268,
0.3230

 1.3416, 0.3882,
0.2966

250.6047, 0.3259,

 0.1730, 0.5947,

0.3234

0.2095

301.4122, 0.3251,
0.3238

0.0000, 0.0000,
0.0000

43.0119, 0.3365,
0.3189

43.0119, 0.3365,
0.3189

35.6811, 0.3554,
0.3124

51.5469, 0.3211,
0.3251

29.4946, 0.3785,
0.3058

61.3311, 0.3087,
0.3310

24.3961, 0.4064,
0.2996

72.4141, 0.2985,
0.3363

20.3220, 0.4391,
0.2945

84.8412, 0.2903,
0.3412

17.2023, 0.4761,
0.2914

90.7531, 0.2827,
0.3334

■ 14.9579, 0.5154,
0.2914

■ 91.0251, 0.2805,
0.3289

■ 13.4971, 0.5535,
0.2953

■ 12.7014, 0.5863,
0.3031

■ 12.5037, 0.5964,
0.3059

Harmonies

Analogous

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



43.0119, 0.3183, 0.3054



43.0119, 0.3365, 0.3189



43.0119, 0.3484, 0.3352

Triad

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



43.0119, 0.3365, 0.3189



43.0119, 0.3257, 0.3625



43.0119, 0.2764, 0.3061

Complementary

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



43.0119, 0.3365, 0.3189



53.3480, 0.2933, 0.3394

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.



43.0119, 0.2783, 0.3210



43.0119, 0.3365, 0.3189



43.0119, 0.3063, 0.3545

Square

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



43.0119, 0.3365, 0.3189



43.0119, 0.3419, 0.3608



43.0119, 0.2891, 0.3390



43.0119, 0.2839, 0.2978

Rectangle

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



43.0119, 0.3365, 0.3189



43.0119, 0.3509, 0.3458



43.0119, 0.2891, 0.3390



43.0119, 0.2760, 0.3104

Sweetspot

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



43.0138, 0.3365, 0.3189



91.5271, 0.3192, 0.3260



42.9823, 0.3073, 0.2876



19.3454, 0.3201, 0.3256



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.



43.0138, 0.3365, 0.3189



69.4242, 0.3432, 0.3165



45.8323, 0.3421, 0.3395



10.6785, 0.3252, 0.3234



7.9586, 0.5930, 0.3040



0.3887, 0.5320, 0.2704

Inverse Universe

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



43.0138, 0.3365, 0.3189



69.4242, 0.3432, 0.3165



49.9880, 0.2875, 0.3182



10.6785, 0.3252, 0.3234



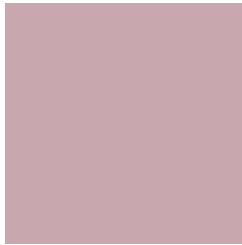
7.9586, 0.5930, 0.3040



0.3887, 0.5320, 0.2704

Previews

White Background



This preview shows how the Yxy color 43.0119, 0.3365, 0.3189 looks on a white background.

Color Contrast Check

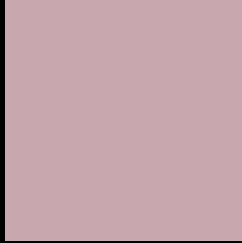
Large Text (above 18pt) WCAG AA × Fail

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 43.0119, 0.3365, 0.3189 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 43.0119, 0.3365, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 43.0119, 0.3365, 0.3189.



This preview shows how white text looks on a background with the Yxy color 43.0119, 0.3365, 0.3189.

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

43.0119, 0.3365, 0.3189

Protanopia

43.2617, 0.3112, 0.3237

Deuteranopia

43.1429, 0.3304, 0.3239



Tritanopia

42.9446, 0.3340, 0.3127

Trichromacy



Original Color

43.0119, 0.3365, 0.3189

Protanomaly

43.0337, 0.3194, 0.3211

Deuteranomaly

43.1677, 0.3333, 0.3227

Tritanomaly

42.9043, 0.3349, 0.3140

Monochromacy



Original Color

43.0119, 0.3365, 0.3189

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.8855, 0.3209, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0119, 0.3365, 0.3189 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(200, 167, 175)` looks like.

```
.text, #text, p{  
    color:rgb(200, 167, 175)  
}
```

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(200, 167, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 167, 175) }
```

Border

The CSS property to change the border of an element to Yxy 43.0119, 0.3365, 0.3189 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(200, 167, 175) }
```

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

```
.border{ border-color:rgb(200, 167, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 167, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 167, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 167, 175);  
box-shadow:4px 4px 4px 4px rgb(200, 167,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0119, 0.3365, 0.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 167, 175) }
```

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

```
.background{ background-color: rgb(200,  
167, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor