

Converting Colors

$Yxy(43.8755, 0.3359, 0.3296)$

Have a look what the booklet for
Yxy(43.8755, 0.3359, 0.3296)
contains.

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Color

Yxy(43.8019, 0.3357, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	C4ABAB
RGB	196, 171, 171
RGB Percent	77%, 67%, 67%
CMY	0.2313, 0.3294, 0.3295
CMYK	0.00, 0.13, 0.13, 0.23
HSL	0°, 18%, 72%
HSV	0°, 13%, 77%
XYZ	44.6803, 43.8019, 44.6138
YIQ	178.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

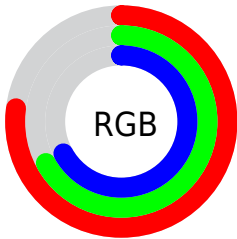
Format	Color
R _Y B	196, 171, 171
Decimal	12889003
CIE Lab	72.10, 9.05, 3.34
CIE LCh	72, 9.647, 20.268
Yxy	43.8019, 0.3357, 0.3291
Android (android.graphics.Color)	4291079083 (0xFFC4ABAB)
YUV	178.4750, -3.6852, 15.3694
Hunter-Lab	66.1830, 4.6856, 6.3609

Details

The Yxy color **43.8019, 0.3357, 0.3291** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.1184, 0.2934, 0.3289**, and the grayscale version is **44.8009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7663, 0.3318, 0.3291**, and **20.2763, 0.3422, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **36.2536, 0.3589, 0.3292**, and if you desaturate by 10%, it is **52.5607, 0.3172, 0.3290**.

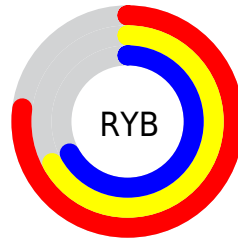
Distribution



Red (77%)

Green (67%)

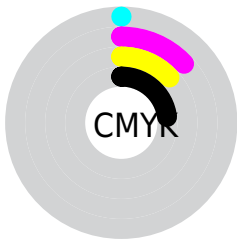
Blue (67%)



Red (77%)

Yellow (67%)

Blue (67%)

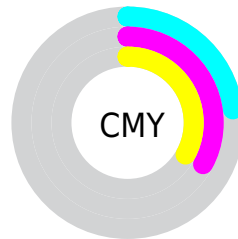


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (23%)



Cyan (23%)


Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8019, 0.3357, 0.3291 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 43.8019, 0.3357, 0.3291 by changing the saturation by 10% instead.

 43.8019, 0.3357,
0.3291

 43.8019, 0.3357,
0.3291


361.8993, 0.3240,
0.3291

 30.5148, 0.3387,
0.3291

 80.9196, 0.3314,
0.3291

 20.2297, 0.3425,
0.3290


105.5189, 0.3298,
0.3291

 12.5621, 0.3477,
0.3289


134.6578, 0.3285,
0.3292

 7.1277, 0.3551,
0.3286

168.7207, 0.3273,
0.3292

 3.5421, 0.3664,
0.3282

208.0918, 0.3263,
0.3292

 1.4209, 0.3858,
0.3270

253.1557, 0.3255,

 0.2320, 0.6375,

0.3292

0.3351

304.2967, 0.3247,
0.3291

0.0000, 0.0000,
0.0000

43.8019, 0.3357,
0.3291

43.8019, 0.3357,
0.3291

36.2536, 0.3589,
0.3292

52.5607, 0.3172,
0.3290

29.8571, 0.3877,
0.3293

62.5738, 0.3023,
0.3290

24.5576, 0.4229,
0.3295

73.8899, 0.2904,
0.3289

20.2934, 0.4647,
0.3296

86.5535, 0.2808,
0.3288

16.9969, 0.5114,
0.3297

90.4786, 0.2784,
0.3289

■ 14.5925, 0.5588,
0.3299

■ 12.9930, 0.6000,
0.3300

■ 12.0944, 0.6279,
0.3300

■ 11.7432, 0.6400,
0.3300

Harmonies

Analogous

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



43.8019, 0.3252, 0.3177



43.8019, 0.3357, 0.3291



43.8019, 0.3399, 0.3408

Triad

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



43.8019, 0.3357, 0.3291



43.8019, 0.3135, 0.3500



43.8019, 0.2892, 0.3082

Complementary

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



43.8019, 0.3357, 0.3291



52.1184, 0.2934, 0.3289

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.



43.8019, 0.2863, 0.3163



43.8019, 0.3357, 0.3291



43.8019, 0.3001, 0.3407

Square

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



43.8019, 0.3357, 0.3291



43.8019, 0.3269, 0.3532



43.8019, 0.2902, 0.3283



43.8019, 0.2983, 0.3057

Rectangle

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



43.8019, 0.3357, 0.3291



43.8019, 0.3386, 0.3472



43.8019, 0.2902, 0.3283



43.8019, 0.2874, 0.3103

Sweetspot

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



43.8038, 0.3357, 0.3291



93.0309, 0.3193, 0.3290



44.8408, 0.3142, 0.2979



19.6409, 0.3206, 0.3290



0.0000, 0.0000, 0.0000



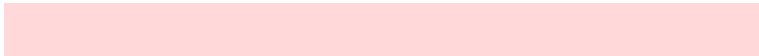
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.8038, 0.3357, 0.3291



75.7751, 0.3409, 0.3291



48.7502, 0.3336, 0.3449



10.0796, 0.3289, 0.3291



7.5446, 0.6400, 0.3300



0.3266, 0.6396, 0.3303

Inverse Universe

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



52.1184, 0.2934, 0.3289



93.4268, 0.2899, 0.3289



46.7138, 0.2930, 0.3126



11.4265, 0.2985, 0.3289



27.8675, 0.2246, 0.3284



1.2047, 0.2246, 0.3285

Previews

White Background



This preview shows how the Yxy color 43.8019, 0.3357, 0.3291 looks on a white background.

Color Contrast Check

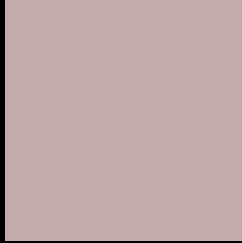
Large Text (above 18pt) WCAG AA × Fail

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 43.8019, 0.3357, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

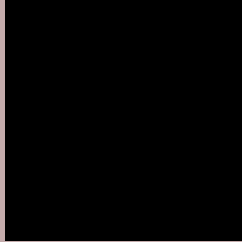
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8019, 0.3357, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 43.8019, 0.3357, 0.3291.



This preview shows how white text looks on a background with the Yxy color 43.8019, 0.3357, 0.3291.

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

43.8019, 0.3357, 0.3291

Protanopia

43.9304, 0.3188, 0.3317

Deuteranopia

43.8019, 0.3357, 0.3291



Tritanopia

43.7591, 0.3281, 0.3127

Trichromacy



Original Color

43.8019, 0.3357, 0.3291

Protanomaly

43.7283, 0.3243, 0.3303

Deuteranomaly

43.8019, 0.3357, 0.3291

Tritanomaly

43.8341, 0.3306, 0.3189

Monochromacy



Original Color

43.8019, 0.3357, 0.3291

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0694, 0.3216, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8019, 0.3357, 0.3291 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(196, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(196, 171, 171)  
}
```

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(196, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 171, 171) }
```

Border

The CSS property to change the border of an element to Yxy 43.8019, 0.3357, 0.3291 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(196, 171, 171) }
```

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

```
.border{ border-color:rgb(196, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(196, 171,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8019, 0.3357, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 171, 171) }
```

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

```
.background{ background-color: rgb(196,  
171, 171) }
```

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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