

Converting Colors

$Yxy(43.9443, 0.3316, 0.3371)$

Have a look what the booklet for
Yxy(43.9443, 0.3316, 0.3371)
contains.

| | |
|---|----|
| Yxy(43.9181, 0.3313, 0.3369) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(43.9181, 0.3313, 0.3369)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | BDAEA8 |
| RGB | 189, 174, 168 |
| RGB Percent | 74%, 68%, 66% |
| CMY | 0.2589, 0.3176, 0.3411 |
| CMYK | 0.00, 0.08, 0.11, 0.26 |
| HSL | 17°, 14%, 70% |
| HSV | 17°, 11%, 74% |
| XYZ | 43.1881, 43.9181, 43.2533 |
| YIQ | 177.8010, 10.8660, 1.3140 |

Conversions

Conversions Part 2

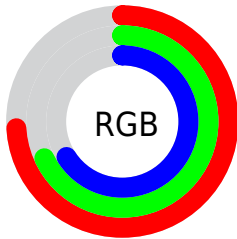
| Format | Color |
|-------------------------------------|--|
| RYB | 189, 176, 168 |
| Decimal | 12431016 |
| CIELab | 72.17, 4.34, 5.00 |
| CIELCh | 72, 6.620, 49.073 |
| Yxy | 43.9181, 0.3313, 0.3369 |
| Android (android.graphics.Color) | 4290621096 (0xFFBDAEA8) |
| YUV | 177.8010, -4.8319, 9.8215 |
| Hunter-Lab | 66.2707, 0.3532, 7.6924 |

Details

The Yxy color $43.9181, 0.3313, 0.3369$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.8626, 0.2958, 0.3210$, and the grayscale version is $44.4323, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.7788, 0.3278, 0.3352$, and $20.4143, 0.3373, 0.3398$ is the 20% darker color. If you saturate the color by 10%, you get $38.3102, 0.3514, 0.3445$, and if you desaturate by 10%, it is $50.1563, 0.3144, 0.3298$.

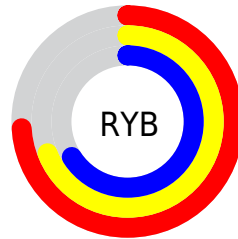
Distribution



Red (74%)

Green (68%)

Blue (66%)



Red (74%)

Yellow (69%)

Blue (66%)

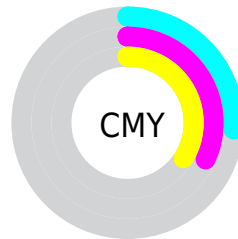


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (26%)



Cyan (26%)


Magenta (32%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9181, 0.3313, 0.3369 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 43.9181, 0.3313, 0.3369 by changing the saturation by 10% instead.


 43.9181, 0.3313,
0.3369

 43.9181, 0.3313,
0.3369


362.3740, 0.3219,
0.3330

 30.6061, 0.3337,
0.3379


 81.0945, 0.3278,
0.3355

 20.2991, 0.3368,
0.3391


 105.7277, 0.3266,
0.3349

 12.6127, 0.3410,
0.3408


134.9034, 0.3255,
0.3345

 7.1624, 0.3469,
0.3431

169.0061, 0.3245,
0.3341

 3.5639, 0.3560,
0.3464

208.4201, 0.3237,
0.3338

 1.4327, 0.3716,
0.3519

253.5298, 0.3230,

 0.2406, 0.5817,

0.3335

0.4183

304.7196, 0.3224,
0.3332

0.0000, 0.0000,
0.0000

43.9181, 0.3313,
0.3369

43.9181, 0.3313,
0.3369

38.3102, 0.3514,
0.3445

50.1563, 0.3144,
0.3298

33.3069, 0.3752,
0.3524

57.0377, 0.3002,
0.3231

28.8894, 0.4030,
0.3601

64.5825, 0.2882,
0.3171

25.0356, 0.4349,
0.3672

72.8079, 0.2781,
0.3115

21.7220, 0.4704,
0.3727

81.2377, 0.2733,
0.3143

■ 18.9233, 0.5078,
0.3756

■ 89.5478, 0.2747,
0.3289

■ 16.6120, 0.5444,
0.3748

■ 89.5567, 0.2747,
0.3289

■ 14.7577, 0.5766,
0.3694

■ 13.4571, 0.5998,
0.3619

Harmonies

Analogous

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



43.9181, 0.3282, 0.3288



43.9181, 0.3313, 0.3369



43.9181, 0.3293, 0.3431

Triad

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



43.9181, 0.3313, 0.3369



43.9181, 0.3044, 0.3373



43.9181, 0.3025, 0.3129

Complementary

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



43.9181, 0.3313, 0.3369



45.8626, 0.2958, 0.3210

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.



43.9181, 0.2963, 0.3149



43.9181, 0.3313, 0.3369



43.9181, 0.2974, 0.3289

Square

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



43.9181, 0.3313, 0.3369



43.9181, 0.3137, 0.3434



43.9181, 0.2945, 0.3207



43.9181, 0.3115, 0.3151

Rectangle

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



43.9181, 0.3313, 0.3369



43.9181, 0.3254, 0.3452



43.9181, 0.2945, 0.3207



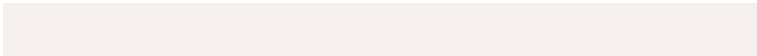
43.9181, 0.3001, 0.3131

Sweetspot

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



43.9200, 0.3313, 0.3369



87.5763, 0.3175, 0.3311



42.2482, 0.3190, 0.3096



18.6338, 0.3188, 0.3317



95.5105, 0.3127, 0.3290



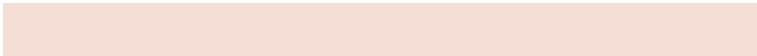
19.5994, 0.3127, 0.3290

Same Dimension

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



43.9200, 0.3313, 0.3369



76.4608, 0.3353, 0.3385



48.1087, 0.3297, 0.3503



9.9687, 0.3281, 0.3356



9.1708, 0.5976, 0.3637



0.4750, 0.5489, 0.4024

Inverse Universe

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



45.8626, 0.2958, 0.3210



80.5429, 0.2926, 0.3193



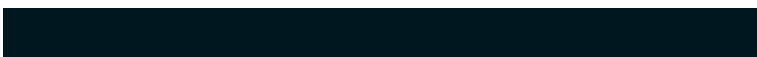
41.7179, 0.2956, 0.3068



10.3361, 0.2985, 0.3223



14.2614, 0.1985, 0.2344



0.6650, 0.2055, 0.2597

Previews

White Background



This preview shows how the Yxy color 43.9181, 0.3313, 0.3369 looks on a white background.

Color Contrast Check

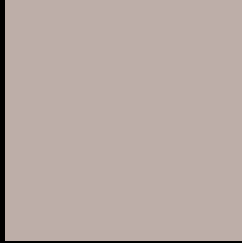
Large Text (above 18pt) WCAG AA × Fail

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 43.9181, 0.3313, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

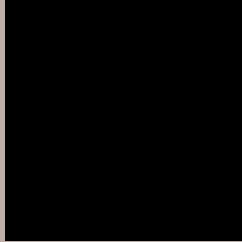
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9181, 0.3313, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 43.9181, 0.3313, 0.3369.



This preview shows how white text looks on a background with the Yxy color 43.9181, 0.3313, 0.3369.

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

43.9181, 0.3313, 0.3369

Protanopia

43.8603, 0.3238, 0.3384

Deuteranopia

43.8607, 0.3384, 0.3316



Tritanopia

43.7050, 0.3189, 0.3111

Trichromacy



Original Color

43.9181, 0.3313, 0.3369

Protanomaly

43.8388, 0.3267, 0.3370

Deuteranomaly

43.8390, 0.3354, 0.3329

Tritanomaly

43.7069, 0.3230, 0.3200

Monochromacy



Original Color

43.9181, 0.3313, 0.3369

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4454, 0.3196, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9181, 0.3313, 0.3369 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(189, 174, 168)` looks like.

```
.text, #text, p{  
    color:rgb(189, 174, 168)  
}
```

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(189, 174, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 174, 168) }
```

Border

The CSS property to change the border of an element to Yxy 43.9181, 0.3313, 0.3369 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(189, 174, 168) }
```

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

```
.border{ border-color:rgb(189, 174, 168) }
```

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

Here you see how a box with a 4 pixel rgb(189, 174, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 174, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 174, 168);  
box-shadow:4px 4px 4px 4px rgb(189, 174,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9181, 0.3313, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 174, 168) }
```

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

```
.background{ background-color: rgb(189,  
174, 168) }
```

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