

Converting Colors

$Yxy(44.9594, 0.3253, 0.3317)$

Have a look what the booklet for
Yxy(44.9594, 0.3253, 0.3317)
contains.

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Color

Yxy(44.9255, 0.3259, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	BDB0AE
RGB	189, 176, 174
RGB Percent	74%, 69%, 68%
CMY	0.2588, 0.3098, 0.3175
CMYK	0.00, 0.07, 0.08, 0.26
HSL	8°, 10%, 71%
HSV	8°, 8%, 74%
XYZ	44.1533, 44.9255, 46.4022
YIQ	179.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

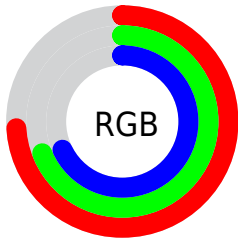
Format	Color
RYB	189, 176, 174
Decimal	12431534
CIELab	72.84, 4.29, 2.67
CIELCh	73, 5.057, 31.871
Yxy	44.9255, 0.3259, 0.3316
Android (android.graphics.Color)	4290621614 (0xFFBDB0AE)
YUV	179.6590, -2.7899, 8.1921
Hunter-Lab	67.0265, 0.2893, 5.8722

Details

The Yxy color **44.9255, 0.3259, 0.3316** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2266, 0.3006, 0.3264**, and the grayscale version is **45.4631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.7828, 0.3235, 0.3321**, and **21.0547, 0.3297, 0.3326** is the 20% darker color. If you saturate the color by 10%, you get **38.1913, 0.3458, 0.3351**, and if you desaturate by 10%, it is **52.5449, 0.3096, 0.3283**.

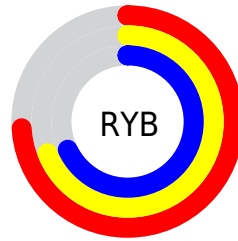
Distribution



Red (74%)

Green (69%)

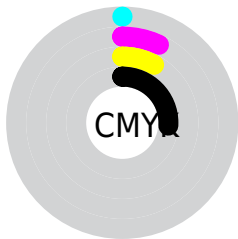
Blue (68%)



Red (74%)

Yellow (69%)

Blue (68%)

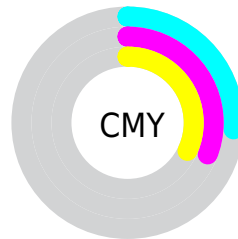


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (26%)



Cyan (26%)


Magenta (31%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9255, 0.3259, 0.3316 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 44.9255, 0.3259, 0.3316 by changing the saturation by 10% instead.


 44.9255, 0.3259,
0.3316

 44.9255, 0.3259,
0.3316


366.4717, 0.3193,
0.3303

 31.3987, 0.3276,
0.3319


 82.6086, 0.3235,
0.3311

 20.9027, 0.3298,
0.3323


107.5337, 0.3226,
0.3310

 13.0529, 0.3327,
0.3328


137.0271, 0.3218,
0.3308

 7.4650, 0.3368,
0.3335

171.4732, 0.3211,
0.3307

 3.7546, 0.3431,
0.3345

211.2563, 0.3206,
0.3306

 1.5372, 0.3537,
0.3361

256.7608, 0.3201,

 0.3147, 0.4619,

0.3305

0.3598

308.3712, 0.3196,
0.3304

0.0000, 0.0000,
0.0000

44.9255, 0.3259,
0.3316

44.9255, 0.3259,
0.3316

38.1913, 0.3458,
0.3351

52.5449, 0.3096,
0.3283

32.3047, 0.3702,
0.3388

61.0740, 0.2962,
0.3254

27.2335, 0.3996,
0.3425

70.5435, 0.2852,
0.3227

22.9419, 0.4345,
0.3458

80.9809, 0.2761,
0.3202

19.3910, 0.4746,
0.3484

89.5587, 0.2747,
0.3289

■ 16.5386, 0.5181,
0.3496

■ 14.3382, 0.5610,
0.3486

■ 12.7376, 0.5980,
0.3452

■ 11.6742, 0.6240,
0.3399

Harmonies

Analogous

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



44.9255, 0.3216, 0.3253



44.9255, 0.3259, 0.3316



44.9255, 0.3266, 0.3373

Triad

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



44.9255, 0.3259, 0.3316



44.9255, 0.3104, 0.3382



44.9255, 0.3019, 0.3173

Complementary

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



44.9255, 0.3259, 0.3316



48.2266, 0.3006, 0.3264

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.



44.9255, 0.2990, 0.3206



44.9255, 0.3259, 0.3316



44.9255, 0.3039, 0.3327

Square

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



44.9255, 0.3259, 0.3316



44.9255, 0.3176, 0.3412



44.9255, 0.2997, 0.3262



44.9255, 0.3078, 0.3171

Rectangle

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



44.9255, 0.3259, 0.3316



44.9255, 0.3250, 0.3400



44.9255, 0.2997, 0.3262



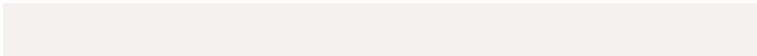
44.9255, 0.3006, 0.3180

Sweetspot

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



44.9275, 0.3259, 0.3316



88.3065, 0.3159, 0.3297



44.7001, 0.3150, 0.3121



19.0209, 0.3157, 0.3296



95.5105, 0.3127, 0.3290



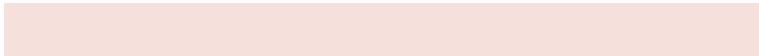
19.5994, 0.3127, 0.3290

Same Dimension

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



44.9275, 0.3259, 0.3316



77.6303, 0.3300, 0.3324



47.8500, 0.3250, 0.3409



9.7339, 0.3285, 0.3321



7.8103, 0.6270, 0.3404



0.3728, 0.5909, 0.3690

Inverse Universe

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



48.2266, 0.3006, 0.3264



85.0949, 0.2973, 0.3256



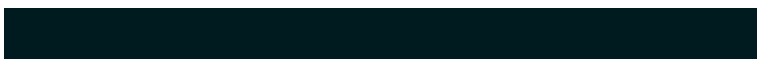
45.2243, 0.3007, 0.3168



10.5890, 0.2985, 0.3259



20.4325, 0.2131, 0.2873



0.8608, 0.2162, 0.2982

Previews

White Background



This preview shows how the Yxy color 44.9255, 0.3259, 0.3316 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 44.9255, 0.3259, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

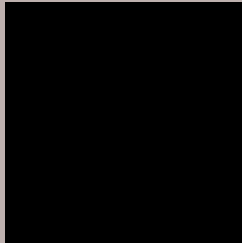
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9255, 0.3259, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 44.9255, 0.3259, 0.3316.



This preview shows how white text looks on a background with the Yxy color 44.9255, 0.3259, 0.3316.

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

44.9255, 0.3259, 0.3316

Protanopia

45.0032, 0.3195, 0.3330

Deuteranopia

44.9881, 0.3337, 0.3265



Tritanopia

44.9793, 0.3162, 0.3112

Trichromacy



Original Color

44.9255, 0.3259, 0.3316

Protanomaly

44.8537, 0.3214, 0.3316

Deuteranomaly

44.9694, 0.3308, 0.3278

Tritanomaly

45.0260, 0.3194, 0.3188

Monochromacy



Original Color

44.9255, 0.3259, 0.3316

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.5218, 0.3170, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9255, 0.3259, 0.3316 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, 176, 174)` looks like.

```
.text, #text, p{  
    color:rgb(189, 176, 174)  
}
```

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, 176, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 176, 174) }
```

Border

The CSS property to change the border of an element to Yxy 44.9255, 0.3259, 0.3316 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, 176, 174) }
```

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

```
.border{ border-color:rgb(189, 176, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 176, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 176, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 176, 174);  
box-shadow:4px 4px 4px 4px rgb(189, 176,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9255, 0.3259, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 176, 174) }
```

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

```
.background{ background-color: rgb(189,  
176, 174) }
```

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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