

Converting Colors

Yxy(43.7186, 0.3297, 0.3353)

Have a look what the booklet for
Yxy(43.7186, 0.3297, 0.3353)
contains.

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Color

Yxy(43.8280, 0.3295, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	BCAEA9
RGB	188, 174, 169
RGB Percent	74%, 68%, 66%
CMY	0.2629, 0.3176, 0.3372
CMYK	0.00, 0.07, 0.10, 0.26
HSL	16°, 12%, 70%
HSV	16°, 10%, 74%
XYZ	43.0314, 43.8280, 43.7366
YIQ	177.6160, 9.9490, 1.4130

Conversions

Conversions Part 2

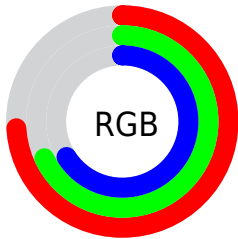
Format	Color
RYB	188, 176, 169
Decimal	12365481
CIELab	72.11, 4.13, 4.35
CIELCh	72, 6.000, 46.490
Yxy	43.8280, 0.3295, 0.3356
Android (android.graphics.Color)	4290555561 (0xFFBCAEA9)
YUV	177.6160, -4.2477, 9.1068
Hunter-Lab	66.2027, 0.1692, 7.1722

Details

The Yxy color **43.8280, 0.3295, 0.3356** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.9212, 0.2974, 0.3223**, and the grayscale version is **44.3257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6535, 0.3264, 0.3341**, and **20.3543, 0.3349, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **38.0980, 0.3494, 0.3426**, and if you desaturate by 10%, it is **50.2145, 0.3128, 0.3291**.

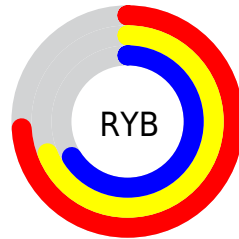
Distribution



Red (74%)

Green (68%)

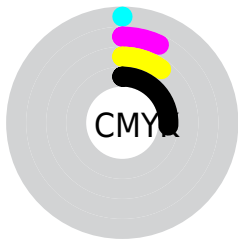
Blue (66%)



Red (74%)

Yellow (69%)

Blue (66%)

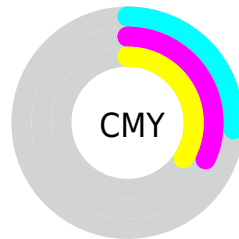


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (32%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8280, 0.3295, 0.3356 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 43.8280, 0.3295, 0.3356 by changing the saturation by 10% instead.

■ 43.8280, 0.3295,
0.3356

■ 43.8280, 0.3295,
0.3356

362.0059, 0.3210,
0.3323

■ 30.5353, 0.3317,
0.3364

■ 80.9589, 0.3264,
0.3344

■ 20.2453, 0.3345,
0.3375

105.5658, 0.3252,
0.3340

■ 12.5735, 0.3382,
0.3388

134.7130, 0.3242,
0.3336

■ 7.1355, 0.3436,
0.3407

168.7848, 0.3234,
0.3333

■ 3.5470, 0.3518,
0.3436

208.1656, 0.3227,
0.3330

■ 1.4235, 0.3659,
0.3482

253.2398, 0.3220,

■ 0.2340, 0.5801,

0.3327

0.4199

304.3918, 0.3215,
0.3325

0.0000, 0.0000,
0.0000

43.8280, 0.3295,
0.3356

43.8280, 0.3295,
0.3356

38.0980, 0.3494,
0.3426

50.2145, 0.3128,
0.3291

32.9978, 0.3730,
0.3498

57.2715, 0.2989,
0.3230

28.5072, 0.4009,
0.3570

65.0203, 0.2872,
0.3175

24.6029, 0.4331,
0.3636

73.4789, 0.2773,
0.3124

21.2600, 0.4690,
0.3689

82.1389, 0.2729,
0.3162

■ 18.4518, 0.5074,
0.3717

■ 89.4270, 0.2741,
0.3289

■ 16.1491, 0.5452,
0.3709

■ 14.3198, 0.5786,
0.3660

■ 12.9305, 0.6049,
0.3579

Harmonies

Analogous

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



43.8280, 0.3263, 0.3282



43.8280, 0.3295, 0.3356



43.8280, 0.3281, 0.3414

Triad

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



43.8280, 0.3295, 0.3356



43.8280, 0.3059, 0.3371



43.8280, 0.3029, 0.3144

Complementary

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



43.8280, 0.3295, 0.3356



45.9212, 0.2974, 0.3223

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.



43.8280, 0.2975, 0.3165



43.8280, 0.3295, 0.3356



43.8280, 0.2993, 0.3296

Square

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



43.8280, 0.3295, 0.3356



43.8280, 0.3144, 0.3424



43.8280, 0.2962, 0.3221



43.8280, 0.3109, 0.3161

Rectangle

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



43.8280, 0.3295, 0.3356



43.8280, 0.3248, 0.3435



43.8280, 0.2962, 0.3221



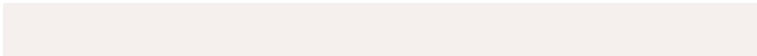
43.8280, 0.3007, 0.3147

Sweetspot

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



43.8299, 0.3295, 0.3356



87.4806, 0.3175, 0.3309



42.4985, 0.3179, 0.3106



18.6079, 0.3188, 0.3315



95.5105, 0.3127, 0.3290



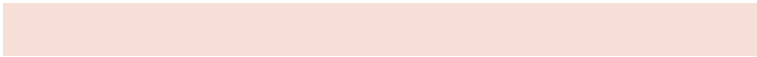
19.5994, 0.3127, 0.3290

Same Dimension

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



43.8299, 0.3295, 0.3356



77.1704, 0.3334, 0.3371



47.5137, 0.3282, 0.3475



9.9345, 0.3282, 0.3351



8.9128, 0.6027, 0.3596



0.4603, 0.5542, 0.3982

Inverse Universe

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



45.9212, 0.2974, 0.3223



81.6919, 0.2941, 0.3208



42.2443, 0.2972, 0.3098



10.3722, 0.2985, 0.3228



15.0591, 0.2006, 0.2422



0.6912, 0.2071, 0.2654

Previews

White Background



This preview shows how the Yxy color 43.8280, 0.3295, 0.3356 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 43.8280, 0.3295, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

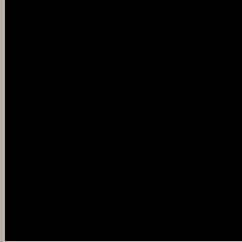
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

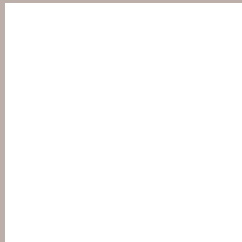
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8280, 0.3295, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 43.8280, 0.3295, 0.3356.



This preview shows how white text looks on a background with the Yxy color 43.8280, 0.3295, 0.3356.

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

43.8280, 0.3295, 0.3356

Protanopia

43.8980, 0.3230, 0.3370

Deuteranopia

43.8984, 0.3375, 0.3304



Tritanopia

43.9550, 0.3180, 0.3123

Trichromacy



Original Color

43.8280, 0.3295, 0.3356

Protanomaly

43.7526, 0.3249, 0.3357

Deuteranomaly

43.8767, 0.3345, 0.3316

Tritanomaly

43.9606, 0.3220, 0.3213

Monochromacy



Original Color

43.8280, 0.3295, 0.3356

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4845, 0.3187, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8280, 0.3295, 0.3356 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(188, 174, 169)` looks like.

```
.text, #text, p{  
    color:rgb(188, 174, 169)  
}
```

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(188, 174, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 174, 169) }
```

Border

The CSS property to change the border of an element to Yxy 43.8280, 0.3295, 0.3356 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(188, 174, 169) }
```

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

```
.border{ border-color:rgb(188, 174, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 174, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 174, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 174, 169);  
box-shadow:4px 4px 4px 4px rgb(188, 174,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8280, 0.3295, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 174, 169) }
```

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

```
.background{ background-color: rgb(188,  
174, 169) }
```

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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