

Converting Colors

$Y_{xy}(43.1298, 0.3116, 0.3158)$

Have a look what the booklet for
Yxy(43.1298, 0.3116, 0.3158)
contains.

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Color

Yxy(43.1298, 0.3116, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	B5ADB7
RGB	181, 173, 183
RGB Percent	71%, 68%, 72%
CMY	0.2900, 0.3216, 0.2823
CMYK	0.01, 0.05, 0.00, 0.28
HSL	288°, 7%, 70%
HSV	288°, 5%, 72%
XYZ	42.5562, 43.1298, 50.8872
YIQ	176.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

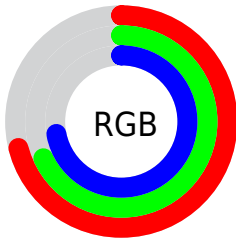
Format	Color
R_{YB}	181, 173, 183
Decimal	11906487
CIE _{Lab}	71.64, 4.74, -4.10
CIE _{LCh}	72, 6.267, 319.150
Yxy	43.1298, 0.3116, 0.3158
Android (android.graphics.Color)	4290096567 (0xFFB5ADB7)
YUV	176.5320, 3.1887, 3.9184
Hunter-Lab	65.6733, 0.7395, 0.0302

Details

The Yxy color **43.1298, 0.3116, 0.3158** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.9963, 0.3137, 0.3424**, and the grayscale version is **43.6950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7233, 0.3119, 0.3178**, and **19.8756, 0.3110, 0.3127** is the 20% darker color. If you saturate the color by 10%, you get **36.1602, 0.3092, 0.2907**, and if you desaturate by 10%, it is **51.0756, 0.3135, 0.3396**.

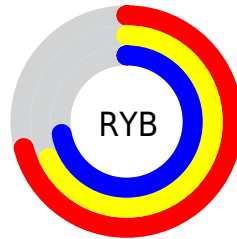
Distribution



Red (71%)

Green (68%)

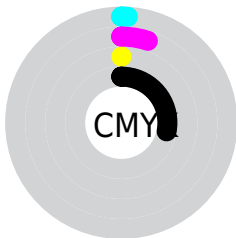
Blue (72%)



Red (71%)

Yellow (68%)

Blue (72%)

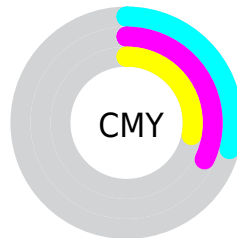


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1298, 0.3116, 0.3158 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 43.1298, 0.3116, 0.3158 by changing the saturation by 10% instead.


 43.1298, 0.3116,
0.3158

 43.1298, 0.3116,
0.3158


359.1453, 0.3122,
0.3224

 29.9870, 0.3114,
0.3141


 79.9067, 0.3118,
0.3182

 19.8287, 0.3112,
0.3120


104.3096, 0.3119,
0.3191

 12.2706, 0.3109,
0.3091


133.2345, 0.3120,
0.3199

 6.9282, 0.3105,
0.3051

167.0661, 0.3120,
0.3205

 3.4173, 0.3098,
0.2990

206.1885, 0.3121,
0.3211

 1.3533, 0.3085,
0.2888

250.9863, 0.3121,

 0.1819, 0.3022,

0.3216

0.1904

301.8437, 0.3122,
0.3220

0.0000, 0.0000,
0.0000

43.1298, 0.3116,
0.3158

43.1298, 0.3116,
0.3158

36.1602, 0.3092,
0.2907

51.0756, 0.3135,
0.3396

30.1223, 0.3063,
0.2648

60.0287, 0.3151,
0.3617

24.9765, 0.3028,
0.2387

70.0258, 0.3162,
0.3822

20.6779, 0.2989,
0.2134

81.0999, 0.3171,
0.4008

17.1781, 0.2944,
0.1897

87.0753, 0.3186,
0.4089

■ 14.4233, 0.2896,
0.1688

■ 87.5707, 0.3209,
0.4083

■ 12.3533, 0.2845,
0.1516

■ 88.0778, 0.3231,
0.4078

■ 10.8984, 0.2793,
0.1386

■ 88.5966, 0.3254,
0.4072

■ 9.9719, 0.2742,
0.1302

■ 89.1271, 0.3277,
0.4066

Harmonies

Analogous

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



43.1298, 0.3030, 0.3137



43.1298, 0.3116, 0.3158



43.1298, 0.3206, 0.3213

Triad

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



43.1298, 0.3116, 0.3158



43.1298, 0.3285, 0.3424



43.1298, 0.2982, 0.3289

Complementary

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



43.1298, 0.3116, 0.3158



45.9963, 0.3137, 0.3424

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.



43.1298, 0.3048, 0.3369



43.1298, 0.3116, 0.3158



43.1298, 0.3223, 0.3447

Square

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



43.1298, 0.3116, 0.3158



43.1298, 0.3304, 0.3366



43.1298, 0.3136, 0.3427



43.1298, 0.2954, 0.3211

Rectangle

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



43.1298, 0.3116, 0.3158



43.1298, 0.3256, 0.3262



43.1298, 0.3136, 0.3427



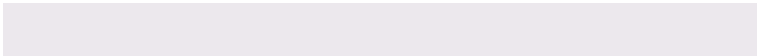
43.1298, 0.3000, 0.3317

Sweetspot

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



43.1317, 0.3116, 0.3158



81.9367, 0.3123, 0.3242



42.9593, 0.3045, 0.3182



18.1298, 0.3123, 0.3244



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.1317, 0.3116, 0.3158



75.0743, 0.3112, 0.3118



43.2466, 0.3158, 0.3198



9.3728, 0.3112, 0.3109



6.7537, 0.2725, 0.1275



0.2611, 0.2857, 0.1348

Inverse Universe

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



43.0443, 0.3201, 0.3264



74.8765, 0.3224, 0.3256



45.8888, 0.3097, 0.3384



9.3469, 0.3230, 0.3255



7.1191, 0.6058, 0.3111



0.2596, 0.5368, 0.2731

Previews

White Background



This preview shows how the Yxy color 43.1298, 0.3116, 0.3158 looks on a white background.

Color Contrast Check

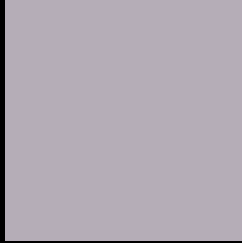
Large Text (above 18pt) WCAG AA × Fail

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 43.1298, 0.3116, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

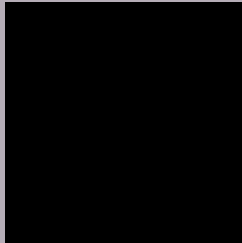
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

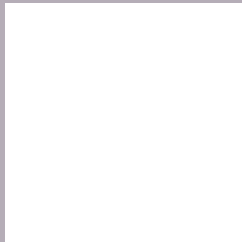
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1298, 0.3116, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 43.1298, 0.3116, 0.3158.



This preview shows how white text looks on a background with the Yxy color 43.1298, 0.3116, 0.3158.

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

43.1298, 0.3116, 0.3158

Protanopia

42.9629, 0.3063, 0.3157

Deuteranopia

43.0290, 0.3181, 0.3110



Tritanopia

42.9953, 0.3100, 0.3107

Trichromacy



Original Color

43.1298, 0.3116, 0.3158

Protanomaly

43.1978, 0.3081, 0.3158

Deuteranomaly

43.0256, 0.3153, 0.3121

Tritanomaly

42.9529, 0.3109, 0.3120

Monochromacy



Original Color

43.1298, 0.3116, 0.3158

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7703, 0.3120, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1298, 0.3116, 0.3158 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(181, 173, 183)` looks like.

```
.text, #text, p{  
    color:rgb(181, 173, 183)  
}
```

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(181, 173, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 173, 183) }
```

Border

The CSS property to change the border of an element to Yxy 43.1298, 0.3116, 0.3158 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(181, 173, 183) }
```

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

```
.border{ border-color:rgb(181, 173, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 173, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 173, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 173, 183);  
box-shadow:4px 4px 4px 4px rgb(181, 173,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1298, 0.3116, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 173, 183) }
```

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

```
.background{ background-color: rgb(181,  
173, 183) }
```

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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