

Converting Colors

$Yxy(43.6475, 0.3081, 0.3045)$

Have a look what the booklet for
Yxy(43.6475, 0.3081, 0.3045)
contains.

Yxy(43.5809, 0.3086, 0.3045)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.5809, 0.3086, 0.3045)

Conversions

Conversions Part 1

Format	Color
Hex	B9ACBF
RGB	185, 172, 191
RGB Percent	73%, 67%, 75%
CMY	0.2744, 0.3255, 0.2510
CMYK	0.03, 0.10, 0.00, 0.25
HSL	281°, 13%, 71%
HSV	281°, 10%, 75%
XYZ	44.1677, 43.5809, 55.3742
YIQ	178.0530, 1.6490, 8.6650

Conversions

Conversions Part 2

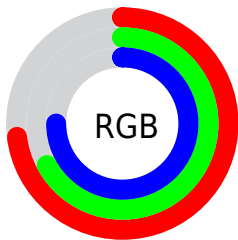
Format	Color
R_{YB}	185, 172, 191
Decimal	12168383
CIE Lab	71.95, 8.20, -8.01
CIE LCh	72, 11.459, 315.666
Yxy	43.5809, 0.3086, 0.3045
Android (android.graphics.Color)	4290358463 (0xFFB9ACBF)
YUV	178.0530, 6.3829, 6.0925
Hunter-Lab	66.0158, 3.8972, -3.5215

Details

The Yxy color $43.5809, 0.3086, 0.3045$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $49.7028, 0.3164, 0.3540$, and the grayscale version is $44.5175, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.3543, 0.3096, 0.3089$, and $20.1735, 0.3069, 0.2974$ is the 20% darker color. If you saturate the color by 10%, you get $36.0957, 0.3037, 0.2784$, and if you desaturate by 10%, it is $52.1463, 0.3127, 0.3291$.

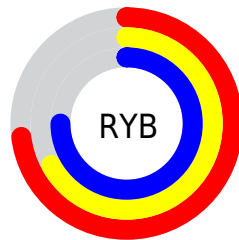
Distribution



Red (73%)

Green (67%)

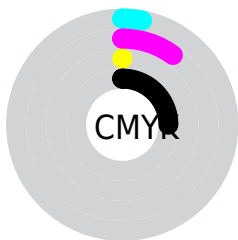
Blue (75%)



Red (73%)

Yellow (67%)

Blue (75%)

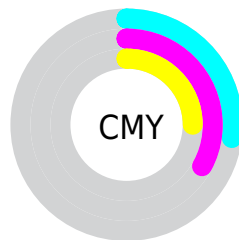


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (27%)


Magenta (33%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5809, 0.3086, 0.3045 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 43.5809, 0.3086, 0.3045 by changing the saturation by 10% instead.

 43.5809, 0.3086,
0.3045

 43.5809, 0.3086,
0.3045


360.9953, 0.3108,
0.3167

 30.3412, 0.3080,
0.3015


 80.5867, 0.3094,
0.3089

 20.0977, 0.3073,
0.2976


105.1216, 0.3097,
0.3106

 12.4661, 0.3062,
0.2925


134.1903, 0.3100,
0.3120

 7.0619, 0.3047,
0.2853

168.1773, 0.3102,
0.3132

 3.5009, 0.3024,
0.2747

207.4669, 0.3103,
0.3142

 1.3985, 0.2981,
0.2574

252.4435, 0.3105,

 0.2156, 0.2862,

0.3152

0.1523

303.4915, 0.3106,
0.3160

0.0000, 0.0000,
0.0000

43.5809, 0.3086,
0.3045

43.5809, 0.3086,
0.3045

36.0957, 0.3037,
0.2784

52.1463, 0.3127,
0.3291

29.6404, 0.2979,
0.2513

61.8284, 0.3162,
0.3520

24.1689, 0.2913,
0.2240

72.6689, 0.3189,
0.3729

19.6293, 0.2840,
0.1973

84.7056, 0.3212,
0.3920

15.9652, 0.2760,
0.1725

89.7394, 0.3244,
0.3976

■ 13.1134, 0.2676,
0.1508

■ 90.6664, 0.3282,
0.3968

■ 11.0024, 0.2590,
0.1330

■ 91.6271, 0.3322,
0.3959

■ 9.5477, 0.2507,
0.1200

■ 92.6220, 0.3361,
0.3951

■ 8.5838, 0.2426,
0.1110

■ 93.6514, 0.3401,
0.3942

Harmonies

Analogous

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



43.5809, 0.2935, 0.3014



43.5809, 0.3086, 0.3045



43.5809, 0.3252, 0.3137

Triad

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



43.5809, 0.3086, 0.3045



43.5809, 0.3424, 0.3523



43.5809, 0.2874, 0.3304

Complementary

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



43.5809, 0.3086, 0.3045



49.7028, 0.3164, 0.3540

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.



43.5809, 0.3000, 0.3450



43.5809, 0.3086, 0.3045



43.5809, 0.3318, 0.3577

Square

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



43.5809, 0.3086, 0.3045



43.5809, 0.3450, 0.3409



43.5809, 0.3162, 0.3552



43.5809, 0.2815, 0.3158

Rectangle

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



43.5809, 0.3086, 0.3045



43.5809, 0.3347, 0.3222



43.5809, 0.3162, 0.3552



43.5809, 0.2910, 0.3355

Sweetspot

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



43.5828, 0.3086, 0.3045



88.4309, 0.3115, 0.3217



44.3789, 0.2974, 0.3118



19.1396, 0.3112, 0.3197



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.5828, 0.3086, 0.3045



74.8868, 0.3076, 0.2988



44.1907, 0.3167, 0.3092



9.5417, 0.3089, 0.3060



5.6825, 0.2436, 0.1116



0.2560, 0.2628, 0.1221

Inverse Universe

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



43.7941, 0.3248, 0.3213



75.3551, 0.3279, 0.3195



49.1465, 0.3089, 0.3496



9.5845, 0.3240, 0.3218



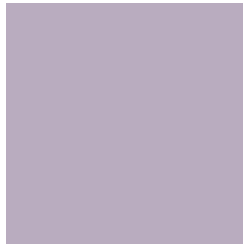
7.5073, 0.5680, 0.2903



0.3062, 0.4983, 0.2519

Previews

White Background



This preview shows how the Yxy color 43.5809, 0.3086, 0.3045 looks on a white background.

Color Contrast Check

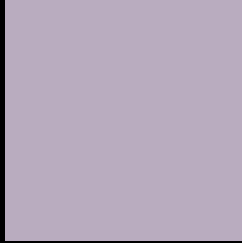
Large Text (above 18pt) WCAG AA × Fail

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 43.5809, 0.3086, 0.3045 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 43.5809, 0.3086, 0.3045

Background



This preview shows how black text looks on a background with the Yxy color 43.5809, 0.3086, 0.3045.



This preview shows how white text looks on a background with the Yxy color 43.5809, 0.3086, 0.3045.

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

43.5809, 0.3086, 0.3045

Protanopia

43.6242, 0.2984, 0.3053

Deuteranopia

43.4522, 0.3104, 0.3033



Tritanopia

43.6227, 0.3117, 0.3121

Trichromacy



Original Color

43.5809, 0.3086, 0.3045

Protanomaly

43.6616, 0.3026, 0.3055

Deuteranomaly

43.3265, 0.3095, 0.3033

Tritanomaly

43.7083, 0.3101, 0.3095

Monochromacy



Original Color

43.5809, 0.3086, 0.3045

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2933, 0.3114, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5809, 0.3086, 0.3045 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(185, 172, 191)` looks like.

```
.text, #text, p{  
    color:rgb(185, 172, 191)  
}
```

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(185, 172, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 172, 191) }
```

Border

The CSS property to change the border of an element to Yxy 43.5809, 0.3086, 0.3045 is called "border". The border property can be set on classes, ids or directly on the HTML element.

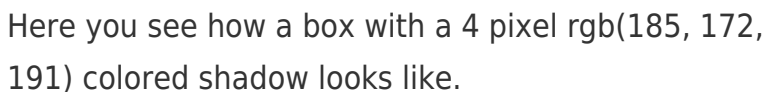
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 172, 191) }
```

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

```
.border{ border-color:rgb(185, 172, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 172, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 172, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 172, 191);  
box-shadow:4px 4px 4px 4px rgb(185, 172,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5809, 0.3086, 0.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 172, 191) }
```

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

```
.background{ background-color: rgb(185,  
172, 191) }
```

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