

Converting Colors

$Yxy(44.4121, 0.3097, 0.3177)$

Have a look what the booklet for
Yxy(44.4121, 0.3097, 0.3177)
contains.

Yxy(44.3772, 0.3098, 0.3172)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.3772, 0.3098, 0.3172)

Conversions

Conversions Part 1

Format	Color
Hex	B5B0B9
RGB	181, 176, 185
RGB Percent	71%, 69%, 73%
CMY	0.2901, 0.3098, 0.2745
CMYK	0.02, 0.05, 0.00, 0.27
HSL	273°, 6%, 71%
HSV	273°, 5%, 73%
XYZ	43.3419, 44.3772, 52.1838
YIQ	178.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

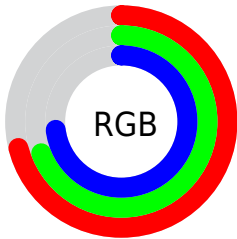
Format	Color
RYB	181, 176, 185
Decimal	11907257
CIELab	72.48, 3.47, -3.96
CIElCh	72, 5.269, 311.226
Yxy	44.3772, 0.3098, 0.3172
Android (android.graphics.Color)	4290097337 (0xFFB5B0B9)
YUV	178.5210, 3.1941, 2.1741
Hunter-Lab	66.6162, -0.4425, 0.1866

Details

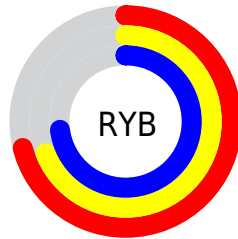
The Yxy color $44.3772, 0.3098, 0.3172$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.5374, 0.3155, 0.3408$, and the grayscale version is $44.7963, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.0686, 0.3105, 0.3198$, and $20.6704, 0.3086, 0.3146$ is the 20% darker color. If you saturate the color by 10%, you get $36.6503, 0.3030, 0.2915$, and if you desaturate by 10%, it is $53.1549, 0.3155, 0.3409$.

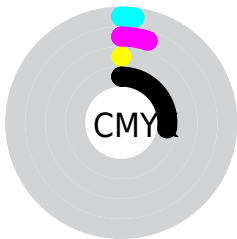
Distribution



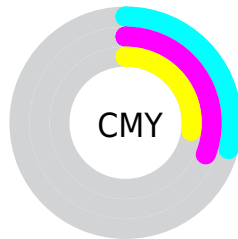
- Red (71%)
- Green (69%)
- Blue (73%)



- Red (71%)
- Yellow (69%)
- Blue (73%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (29%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3772, 0.3098, 0.3172 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 44.3772, 0.3098, 0.3172 by changing the saturation by 10% instead.

■ 44.3772, 0.3098,
0.3172

■ 44.3772, 0.3098,
0.3172

364.2453, 0.3113,
0.3231

■ 30.9672, 0.3094,
0.3157

■ 81.7850, 0.3103,
0.3194

■ 20.5738, 0.3089,
0.3138

106.5516, 0.3106,
0.3202

■ 12.8129, 0.3083,
0.3113

135.8725, 0.3107,
0.3208

■ 7.2998, 0.3073,
0.3077

170.1321, 0.3109,
0.3214

■ 3.6503, 0.3058,
0.3024

209.7148, 0.3110,
0.3219

■ 1.4799, 0.3033,
0.2934

255.0049, 0.3111,

■ 0.2745, 0.2890,

0.3224

0.2295

306.3870, 0.3112,
0.3228

0.0000, 0.0000,
0.0000

44.3772, 0.3098,
0.3172

44.3772, 0.3098,
0.3172

36.6503, 0.3030,
0.2915

53.1549, 0.3155,
0.3409

29.9278, 0.2951,
0.2642

63.0160, 0.3203,
0.3625

24.1681, 0.2861,
0.2357

73.9990, 0.3243,
0.3821

19.3245, 0.2760,
0.2070

86.1387, 0.3276,
0.3996

15.3465, 0.2650,
0.1790

90.5487, 0.3323,
0.4031

■ 12.1782, 0.2533,
0.1532

■ 91.8735, 0.3377,
0.4018

■ 9.7571, 0.2415,
0.1308

■ 93.2621, 0.3431,
0.4005

■ 8.0113, 0.2300,
0.1130

■ 94.7152, 0.3486,
0.3992

■ 6.8535, 0.2192,
0.1004

■ 96.2337, 0.3542,
0.3979

Harmonies

Analogous

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



44.3772, 0.3031, 0.3163



44.3772, 0.3098, 0.3172



44.3772, 0.3174, 0.3212

Triad

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



44.3772, 0.3098, 0.3172



44.3772, 0.3267, 0.3391



44.3772, 0.3018, 0.3308

Complementary

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



44.3772, 0.3098, 0.3172



47.5374, 0.3155, 0.3408

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.



44.3772, 0.3080, 0.3371



44.3772, 0.3098, 0.3172



44.3772, 0.3224, 0.3419

Square

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



44.3772, 0.3098, 0.3172



44.3772, 0.3272, 0.3337



44.3772, 0.3155, 0.3412



44.3772, 0.2985, 0.3240

Rectangle

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



44.3772, 0.3098, 0.3172



44.3772, 0.3219, 0.3250



44.3772, 0.3155, 0.3412



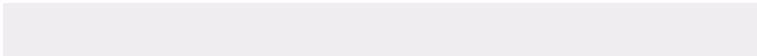
44.3772, 0.3036, 0.3330

Sweetspot

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



44.3791, 0.3098, 0.3172



85.3053, 0.3121, 0.3266



45.3967, 0.3054, 0.3224



18.4078, 0.3122, 0.3267



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.



44.3791, 0.3098, 0.3172



77.6756, 0.3090, 0.3142



44.8493, 0.3136, 0.3179



9.4469, 0.3087, 0.3131



4.3960, 0.2152, 0.0959



0.1910, 0.2421, 0.1107

Inverse Universe

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



44.6600, 0.3174, 0.3238



78.3037, 0.3186, 0.3225



47.0834, 0.3118, 0.3403



9.5293, 0.3191, 0.3220



7.4512, 0.5171, 0.2622



0.2752, 0.4539, 0.2274

Previews

White Background



This preview shows how the Yxy color 44.3772, 0.3098, 0.3172 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 44.3772, 0.3098, 0.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

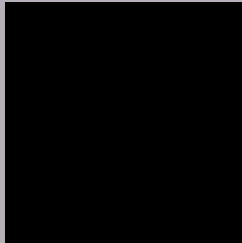
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3772, 0.3098, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 44.3772, 0.3098, 0.3172.

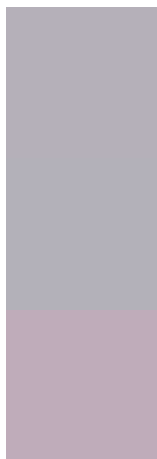


This preview shows how white text looks on a background with the Yxy color 44.3772, 0.3098, 0.3172.

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

44.3772, 0.3098, 0.3172

Protanopia

44.5308, 0.3080, 0.3185

Deuteranopia

44.1266, 0.3180, 0.3111



Tritanopia

44.2792, 0.3075, 0.3108

Trichromacy



Original Color

44.3772, 0.3098, 0.3172

Protanomaly

44.6504, 0.3089, 0.3185

Deuteranomaly

43.9971, 0.3144, 0.3122

Tritanomaly

44.2359, 0.3083, 0.3121

Monochromacy



Original Color

44.3772, 0.3098, 0.3172

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.8803, 0.3120, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3772, 0.3098, 0.3172 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, 176, 185)` looks like.

```
.text, #text, p{  
    color:rgb(181, 176, 185)  
}
```

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, 176, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 176, 185) }
```

Border

The CSS property to change the border of an element to Yxy 44.3772, 0.3098, 0.3172 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, 176, 185) }
```

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

```
.border{ border-color:rgb(181, 176, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 176, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 176, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 176, 185);  
box-shadow:4px 4px 4px 4px rgb(181, 176,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3772, 0.3098, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 176, 185) }
```

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

```
.background{ background-color: rgb(181,  
176, 185) }
```

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