

Converting Colors

$Yxy(44.4127, 0.3031, 0.3079)$

Have a look what the booklet for
Yxy(44.4127, 0.3031, 0.3079)
contains.

Yxy(44.5597, 0.3034, 0.3082)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.5597, 0.3034, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	B4B0C0
RGB	180, 176, 192
RGB Percent	71%, 69%, 75%
CMY	0.2940, 0.3098, 0.2471
CMYK	0.06, 0.08, 0.00, 0.25
HSL	255°, 11%, 72%
HSV	255°, 8%, 75%
XYZ	43.8657, 44.5597, 56.1551
YIQ	179.0200, -2.7520, 5.8240

Conversions

Conversions Part 2

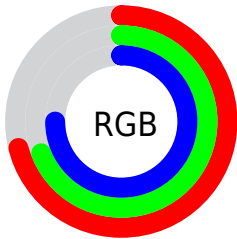
Format	Color
R_{YB}	180, 176, 192
Decimal	11841728
CIE _{Lab}	72.60, 4.49, -7.63
CIE _{LCh}	73, 8.854, 300.508
Yxy	44.5597, 0.3034, 0.3082
Android (android.graphics.Color)	4290031808 (0xFFB4B0C0)
YUV	179.0200, 6.3991, 0.8595
Hunter-Lab	66.7531, 0.4806, -3.1497

Details

The Yxy color **44.5597, 0.3034, 0.3082** is a light color, and the websafe version is hex **999999**. A complement of this color would be **51.5194, 0.3216, 0.3494**, and the grayscale version is **45.0593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3234, 0.3055, 0.3128**, and **20.7914, 0.2999, 0.3024** is the 20% darker color. If you saturate the color by 10%, you get **35.9214, 0.2907, 0.2807**, and if you desaturate by 10%, it is **54.4454, 0.3144, 0.3329**.

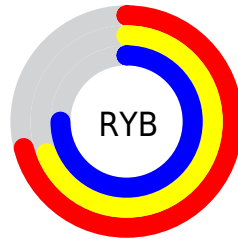
Distribution



Red (71%)

Green (69%)

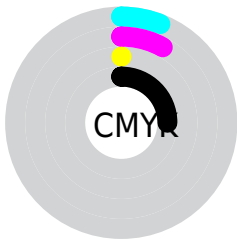
Blue (75%)



Red (71%)

Yellow (69%)

Blue (75%)

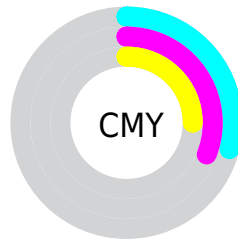


Cyan (6%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5597, 0.3034, 0.3082 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 44.5597, 0.3034, 0.3082 by changing the saturation by 10% instead.

■ 44.5597, 0.3034,
0.3082

■ 44.5597, 0.3034,
0.3082

364.9874, 0.3081,
0.3186

■ 31.1108, 0.3022,
0.3056

■ 82.0593, 0.3051,
0.3120

■ 20.6832, 0.3006,
0.3023

106.8787, 0.3058,
0.3134

■ 12.8926, 0.2985,
0.2979

136.2572, 0.3063,
0.3146

■ 7.3547, 0.2956,
0.2918

170.5789, 0.3068,
0.3156

■ 3.6849, 0.2911,
0.2827

210.2284, 0.3072,
0.3165

■ 1.4989, 0.2834,
0.2678

255.5901, 0.3075,

■ 0.2879, 0.2525,

0.3173

0.1897

307.0483, 0.3079,
0.3180

0.0000, 0.0000,
0.0000

44.5597, 0.3034,
0.3082

44.5597, 0.3034,
0.3082

35.9214, 0.2907,
0.2807

54.4454, 0.3144,
0.3329

28.4748, 0.2762,
0.2508

65.6198, 0.3239,
0.3549

22.1687, 0.2601,
0.2189

78.1294, 0.3320,
0.3743

16.9456, 0.2428,
0.1862

92.0165, 0.3388,
0.3914

12.7431, 0.2248,
0.1541

95.9944, 0.3481,
0.3914

■ 9.4923, 0.2071,
0.1247

■ 96.5856, 0.3502,
0.3910

■ 7.1154, 0.1908,
0.0999

■ 5.5219, 0.1769,
0.0814

■ 4.5718, 0.1660,
0.0696

Harmonies

Analogous

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



44.5597, 0.2935, 0.3086



44.5597, 0.3034, 0.3082



44.5597, 0.3160, 0.3131

Triad

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



44.5597, 0.3034, 0.3082



44.5597, 0.3373, 0.3430



44.5597, 0.2976, 0.3360

Complementary

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



44.5597, 0.3034, 0.3082



51.5194, 0.3216, 0.3494

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.



44.5597, 0.3091, 0.3457



44.5597, 0.3034, 0.3082



44.5597, 0.3321, 0.3496

Square

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



44.5597, 0.3034, 0.3082



44.5597, 0.3357, 0.3329



44.5597, 0.3217, 0.3508



44.5597, 0.2902, 0.3244

Rectangle

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



44.5597, 0.3034, 0.3082



44.5597, 0.3242, 0.3187



44.5597, 0.3217, 0.3508



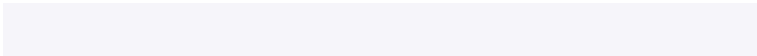
44.5597, 0.3011, 0.3396

Sweetspot

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



44.5616, 0.3034, 0.3082



91.7632, 0.3105, 0.3241



49.0003, 0.3000, 0.3238



19.7263, 0.3107, 0.3244



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.



44.5616, 0.3034, 0.3082



77.7200, 0.3012, 0.3034



45.5462, 0.3102, 0.3086



9.8678, 0.3022, 0.3055



3.0209, 0.1655, 0.0685



0.1645, 0.1899, 0.0820

Inverse Universe

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



45.8851, 0.3169, 0.3139



80.6152, 0.3180, 0.3105



50.5350, 0.3150, 0.3498



10.2028, 0.3175, 0.3119



8.9019, 0.3960, 0.1955



0.3952, 0.3758, 0.1844

Previews

White Background



This preview shows how the Yxy color 44.5597, 0.3034, 0.3082 looks on a white background.

Color Contrast Check

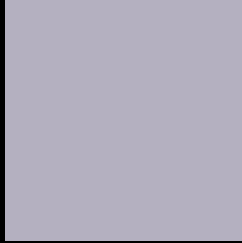
Large Text (above 18pt) WCAG AA × Fail

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 44.5597, 0.3034, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

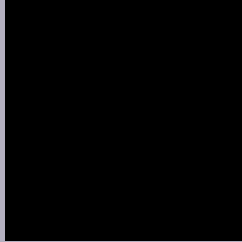
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5597, 0.3034, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 44.5597, 0.3034, 0.3082.

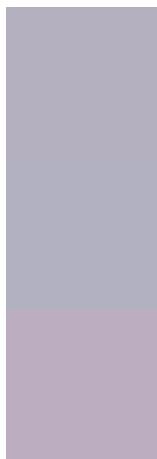


This preview shows how white text looks on a background with the Yxy color 44.5597, 0.3034, 0.3082.

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

44.5597, 0.3034, 0.3082

Protanopia

44.6416, 0.3001, 0.3081

Deuteranopia

44.5562, 0.3104, 0.3036



Tritanopia

44.4717, 0.3049, 0.3107

Trichromacy



Original Color

44.5597, 0.3034, 0.3082

Protanomaly

44.7595, 0.3009, 0.3081

Deuteranomaly

44.5615, 0.3078, 0.3047

Tritanomaly

44.5156, 0.3042, 0.3095

Monochromacy



Original Color

44.5597, 0.3034, 0.3082

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.8852, 0.3088, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5597, 0.3034, 0.3082 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(180, 176, 192)` looks like.

```
.text, #text, p{  
    color:rgb(180, 176, 192)  
}
```

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(180, 176, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 176, 192) }
```

Border

The CSS property to change the border of an element to Yxy 44.5597, 0.3034, 0.3082 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(180, 176, 192) }
```

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

```
.border{ border-color:rgb(180, 176, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 176, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 176, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 176, 192);  
box-shadow:4px 4px 4px 4px rgb(180, 176,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5597, 0.3034, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 176, 192) }
```

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

```
.background{ background-color: rgb(180,  
176, 192) }
```

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