

Converting Colors

$Y_{xy}(43.6922, 0.3103, 0.3218)$

Have a look what the booklet for
Yxy(43.6922, 0.3103, 0.3218)
contains.

Yxy(43.8518, 0.3104, 0.3224)	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(43.8518, 0.3104, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	B2B0B5
RGB	178, 176, 181
RGB Percent	70%, 69%, 71%
CMY	0.3021, 0.3097, 0.2903
CMYK	0.02, 0.03, 0.00, 0.29
HSL	264°, 3%, 70%
HSV	264°, 3%, 71%
XYZ	42.2196, 43.8518, 49.9454
YIQ	177.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

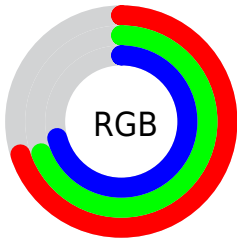
Format	Color
RYB	178, 176, 181
Decimal	11710645
CIELab	72.13, 1.63, -2.30
CIELCh	72, 2.818, 305.408
Yxy	43.8518, 0.3104, 0.3224
Android (android.graphics.Color)	4289900725 (0xFFB2B0B5)
YUV	177.1680, 1.8892, 0.7297
Hunter-Lab	66.2207, -2.0819, 1.6364

Details

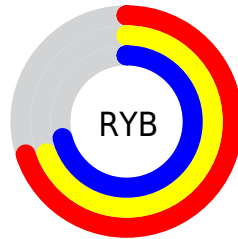
The Yxy color **43.8518, 0.3104, 0.3224** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.7627, 0.3150, 0.3356**, and the grayscale version is **44.0479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3201, 0.3109, 0.3239**, and **20.3338, 0.3095, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **35.9771, 0.3011, 0.2969**, and if you desaturate by 10%, it is **52.7802, 0.3184, 0.3456**.

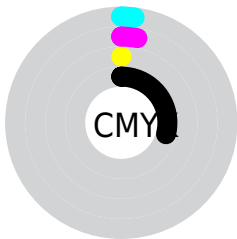
Distribution



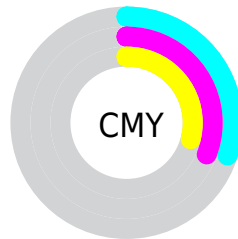
- Red (70%)
- Green (69%)
- Blue (71%)



- Red (70%)
- Yellow (69%)
- Blue (71%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (29%)



- Cyan (30%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8518, 0.3104, 0.3224 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 43.8518, 0.3104, 0.3224 by changing the saturation by 10% instead.

■ 43.8518, 0.3104,
0.3224

■ 43.8518, 0.3104,
0.3224

362.1032, 0.3116,
0.3257

■ 30.5540, 0.3101,
0.3216

■ 80.9947, 0.3108,
0.3236

■ 20.2595, 0.3097,
0.3205

105.6086, 0.3110,
0.3241

■ 12.5838, 0.3092,
0.3190

134.7633, 0.3111,
0.3245

■ 7.1426, 0.3084,
0.3170

168.8433, 0.3112,
0.3248

■ 3.5514, 0.3073,
0.3139

208.2328, 0.3113,
0.3251

■ 1.4259, 0.3053,
0.3086

253.3164, 0.3114,

■ 0.2357, 0.2878,

0.3253

0.2571

304.4784, 0.3115,
0.3255

0.0000, 0.0000,
0.0000

43.8518, 0.3104,
0.3224

43.8518, 0.3104,
0.3224

35.9771, 0.3011,
0.2969

52.7802, 0.3184,
0.3456

29.1108, 0.2903,
0.2691

62.7941, 0.3251,
0.3663

23.2127, 0.2781,
0.2395

73.9308, 0.3308,
0.3848

18.2378, 0.2645,
0.2088

86.2244, 0.3356,
0.4013

14.1372, 0.2498,
0.1782

92.1449, 0.3417,
0.4056

■ 10.8574, 0.2345,
0.1491

■ 94.0459, 0.3491,
0.4037

■ 8.3390, 0.2192,
0.1231

■ 96.0635, 0.3566,
0.4018

■ 6.5139, 0.2047,
0.1020

■ 96.1155, 0.3567,
0.4018

■ 5.3015, 0.1919,
0.0867

Harmonies

Analogous

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



43.8518, 0.3070, 0.3223



43.8518, 0.3104, 0.3224



43.8518, 0.3145, 0.3242

Triad

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



43.8518, 0.3104, 0.3224



43.8518, 0.3204, 0.3340



43.8518, 0.3074, 0.3307

Complementary

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



43.8518, 0.3104, 0.3224



45.7627, 0.3150, 0.3356

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.



43.8518, 0.3110, 0.3339



43.8518, 0.3104, 0.3224



43.8518, 0.3185, 0.3358

Square

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



43.8518, 0.3104, 0.3224



43.8518, 0.3203, 0.3309



43.8518, 0.3150, 0.3357



43.8518, 0.3052, 0.3270

Rectangle

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



43.8518, 0.3104, 0.3224



43.8518, 0.3170, 0.3262



43.8518, 0.3150, 0.3357



43.8518, 0.3085, 0.3318

Sweetspot

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



43.8537, 0.3104, 0.3224



81.1851, 0.3119, 0.3266



44.8390, 0.3086, 0.3265



17.5650, 0.3119, 0.3267



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



43.8537, 0.3104, 0.3224



78.0998, 0.3101, 0.3217



44.1437, 0.3125, 0.3225



9.3605, 0.3095, 0.3200



3.2701, 0.1849, 0.0792



0.1372, 0.2187, 0.0978

Inverse Universe

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



44.1338, 0.3146, 0.3250



78.6566, 0.3148, 0.3246



45.4756, 0.3129, 0.3356



9.4428, 0.3153, 0.3236



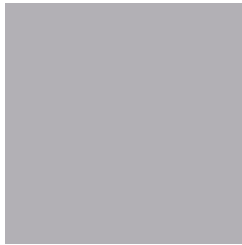
7.5572, 0.4493, 0.2249



0.2489, 0.4048, 0.2004

Previews

White Background



This preview shows how the Yxy color 43.8518, 0.3104, 0.3224 looks on a white background.

Color Contrast Check

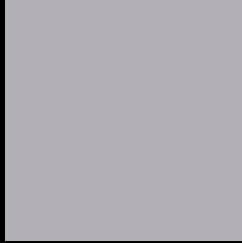
Large Text (above 18pt) WCAG AA × Fail

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 43.8518, 0.3104, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

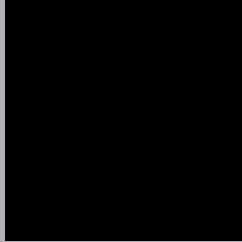
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

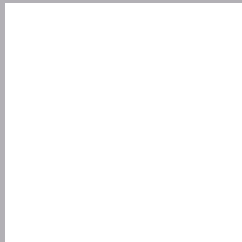
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8518, 0.3104, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 43.8518, 0.3104, 0.3224.



This preview shows how white text looks on a background with the Yxy color 43.8518, 0.3104, 0.3224.

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

43.8518, 0.3104, 0.3224

Protanopia

43.9706, 0.3113, 0.3224

Deuteranopia

43.5796, 0.3215, 0.3149



Tritanopia

43.9178, 0.3049, 0.3107

Trichromacy



Original Color

43.8518, 0.3104, 0.3224

Protanomaly

43.9706, 0.3113, 0.3224

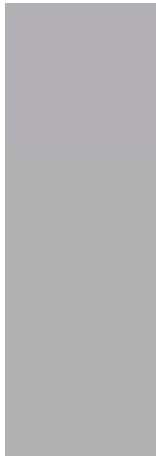
Deuteranomaly

43.7036, 0.3168, 0.3173

Tritanomaly

43.7888, 0.3073, 0.3145

Monochromacy



Original Color

43.8518, 0.3104, 0.3224

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.0057, 0.3119, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8518, 0.3104, 0.3224 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(178, 176, 181)` looks like.

```
.text, #text, p{  
    color:rgb(178, 176, 181)  
}
```

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(178, 176, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 176, 181) }
```

Border

The CSS property to change the border of an element to Yxy 43.8518, 0.3104, 0.3224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

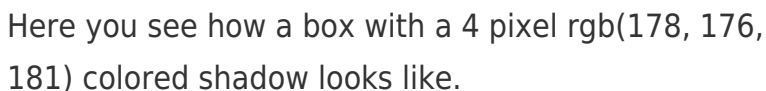
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 176, 181) }
```

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

```
.border{ border-color:rgb(178, 176, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 176, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 176, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 176, 181);  
box-shadow:4px 4px 4px 4px rgb(178, 176,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8518, 0.3104, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 176, 181) }
```

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

```
.background{ background-color: rgb(178,  
176, 181) }
```

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