

Converting Colors

$Y_{xy}(43.7949, 0.2928, 0.3158)$

Have a look what the booklet for
Yxy(43.7949, 0.2928, 0.3158)
contains.

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Color

Yxy(43.8068, 0.2924, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	A4B3BD
RGB	164, 179, 189
RGB Percent	64%, 70%, 74%
CMY	0.3570, 0.2980, 0.2587
CMYK	0.13, 0.05, 0.00, 0.26
HSL	204°, 16%, 69%
HSV	204°, 13%, 74%
XYZ	40.6123, 43.8068, 54.4738
YIQ	175.6550, -12.1500, -0.0700

Conversions

Conversions Part 2

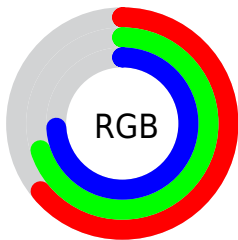
Format	Color
RYB	164, 173, 189
Decimal	10793917
CIELab	72.10, -3.14, -6.88
CIElCh	72, 7.560, 245.448
Yxy	43.8068, 0.2924, 0.3154
Android (android.graphics.Color)	4288983997 (0xFFA4B3BD)
YUV	175.6550, 6.5791, -10.2214
Hunter-Lab	66.1867, -6.2989, -2.4669

Details

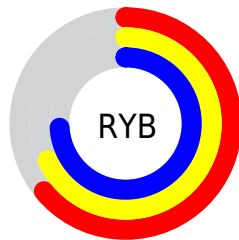
The Yxy color **43.8068, 0.2924, 0.3154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.7676, 0.3349, 0.3422**, and the grayscale version is **43.1959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0693, 0.2962, 0.3185**, and **20.1440, 0.2863, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **38.9987, 0.2768, 0.3039**, and if you desaturate by 10%, it is **49.0835, 0.3078, 0.3258**.

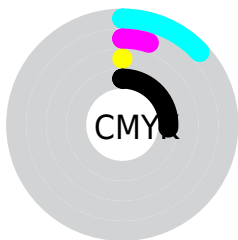
Distribution



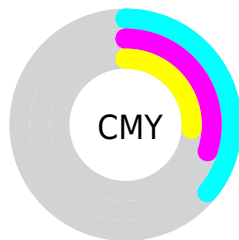
- Red (64%)
- Green (70%)
- Blue (74%)



- Red (64%)
- Yellow (68%)
- Blue (74%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (36%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8068, 0.2924, 0.3154 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 43.8068, 0.2924, 0.3154 by changing the saturation by 10% instead.

■ 43.8068, 0.2924,
0.3154

■ 43.8068, 0.2924,
0.3154

361.9193, 0.3026,
0.3223

■ 30.5187, 0.2898,
0.3136

■ 80.9269, 0.2961,
0.3179

■ 20.2326, 0.2865,
0.3113

■ 105.5277, 0.2975,
0.3189

■ 12.5642, 0.2821,
0.3083

134.6682, 0.2987,
0.3197

■ 7.1292, 0.2759,
0.3039

168.7327, 0.2997,
0.3204

■ 3.5430, 0.2666,
0.2972

208.1057, 0.3006,
0.3210

■ 1.4214, 0.2510,
0.2857

253.1715, 0.3013,

■ 0.2324, 0.1299,

0.3215

0.2093

304.3146, 0.3020,
0.3219

0.0000, 0.0000,
0.0000

43.8068, 0.2924,
0.3154

43.8068, 0.2924,
0.3154

38.9987, 0.2768,
0.3039

49.0835, 0.3078,
0.3258

34.6378, 0.2613,
0.2913

54.8381, 0.3228,
0.3352

30.7092, 0.2462,
0.2777

61.0866, 0.3371,
0.3435

27.1948, 0.2319,
0.2633

67.8426, 0.3508,
0.3509

24.0750, 0.2189,
0.2482

74.4526, 0.3611,
0.3576

■ 21.3279, 0.2075,
0.2328

■ 78.4325, 0.3592,
0.3651

■ 18.9289, 0.1981,
0.2174

■ 82.5931, 0.3574,
0.3724

■ 16.8488, 0.1908,
0.2022

■ 86.9365, 0.3556,
0.3796

■ 15.5902, 0.1867,
0.1922

■ 91.4650, 0.3538,
0.3866

Harmonies

Analogous

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



43.8068, 0.2928, 0.3235



43.8068, 0.2924, 0.3154



43.8068, 0.2973, 0.3111

Triad

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



43.8068, 0.2924, 0.3154



43.8068, 0.3271, 0.3245



43.8068, 0.3188, 0.3473

Complementary

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



43.8068, 0.2924, 0.3154



43.7676, 0.3349, 0.3422

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.



43.8068, 0.3282, 0.3472



43.8068, 0.2924, 0.3154



43.8068, 0.3331, 0.3339

Square

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



43.8068, 0.2924, 0.3154



43.8068, 0.3173, 0.3164



43.8068, 0.3334, 0.3423



43.8068, 0.3079, 0.3422

Rectangle

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



43.8068, 0.2924, 0.3154



43.8068, 0.3031, 0.3108



43.8068, 0.3334, 0.3423



43.8068, 0.3222, 0.3478

Sweetspot

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



43.8086, 0.2924, 0.3154



87.0869, 0.3066, 0.3250



47.3352, 0.3039, 0.3500



18.5691, 0.3054, 0.3243



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.8086, 0.2924, 0.3154



75.7676, 0.2877, 0.3121



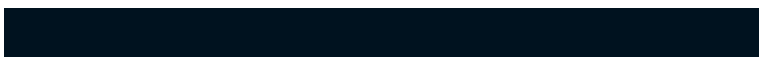
39.1620, 0.2920, 0.2986



10.1521, 0.2984, 0.3196



10.6390, 0.1873, 0.1941



0.5415, 0.1972, 0.2300

Inverse Universe

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



40.6167, 0.3230, 0.3094



69.0073, 0.3257, 0.3048



48.6628, 0.3328, 0.3577



9.6299, 0.3197, 0.3153



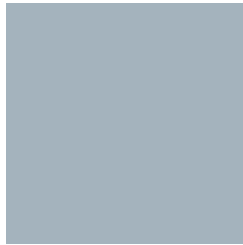
8.1037, 0.4520, 0.2264



0.3300, 0.4127, 0.2047

Previews

White Background



This preview shows how the Yxy color 43.8068, 0.2924, 0.3154 looks on a white background.

Color Contrast Check

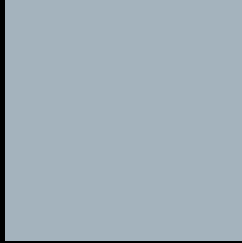
Large Text (above 18pt) WCAG AA × Fail

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 43.8068, 0.2924, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

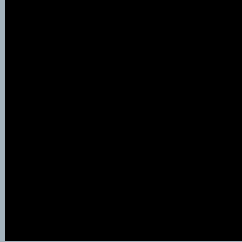
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

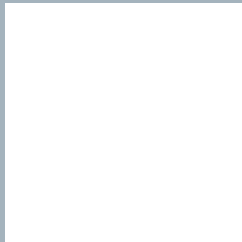
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8068, 0.2924, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 43.8068, 0.2924, 0.3154.



This preview shows how white text looks on a background with the Yxy color 43.8068, 0.2924, 0.3154.

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

43.8068, 0.2924, 0.3154

Protanopia

43.5949, 0.3048, 0.3131

Deuteranopia

43.8314, 0.3103, 0.3046



Tritanopia

43.6904, 0.2903, 0.3088

Trichromacy



Original Color

43.8068, 0.2924, 0.3154

Protanomaly

43.4522, 0.2997, 0.3130

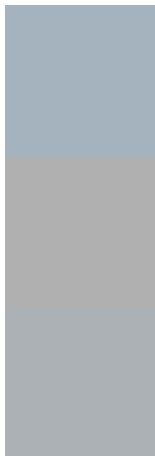
Deuteranomaly

43.9614, 0.3041, 0.3094

Tritanomaly

43.6459, 0.2910, 0.3101

Monochromacy



Original Color

43.8068, 0.2924, 0.3154

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.5511, 0.3052, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8068, 0.2924, 0.3154 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(164, 179, 189)` looks like.

```
.text, #text, p{  
    color:rgb(164, 179, 189)  
}
```

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(164, 179, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 179, 189) }
```

Border

The CSS property to change the border of an element to Yxy 43.8068, 0.2924, 0.3154 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(164, 179, 189) }
```

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

```
.border{ border-color:rgb(164, 179, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 179, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 179, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 179, 189);  
box-shadow:4px 4px 4px 4px rgb(164, 179,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8068, 0.2924, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 179, 189) }
```

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

```
.background{ background-color: rgb(164,  
179, 189) }
```

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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