

Converting Colors

Yxy(56.6813, 0.2923, 0.3136)

Have a look what the booklet for
Yxy(56.6813, 0.2923, 0.3136)
contains.

| | |
|--|----|
| Yxy(56.8917, 0.2924, 0.3144) | 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(56.8917, 0.2924, 0.3144)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B9C9D5 |
| RGB | 185, 201, 213 |
| RGB Percent | 73%, 79%, 84% |
| CMY | 0.2744, 0.2118, 0.1647 |
| CMYK | 0.13, 0.06, 0.00, 0.16 |
| HSL | 206°, 25%, 78% |
| HSV | 206°, 13%, 84% |
| XYZ | 52.9107, 56.8917, 71.1508 |
| YIQ | 197.5840, -13.3880, 0.3400 |

Conversions

Conversions Part 2

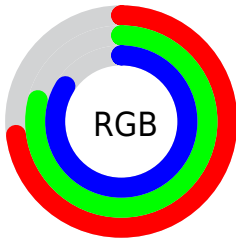
| Format | Color |
|-------------------------------------|-------------------------------|
| RYP | 185, 195, 213 |
| Decimal | 12175829 |
| CIELab | 80.12, -2.99, -7.83 |
| CIElCh | 80, 8.385, 249.094 |
| Yxy | 56.8917, 0.2924, 0.3144 |
| Android (android.graphics.Color) | 4290365909 (0xFFB9C9D5) |
| YUV | 197.5840, 7.6001, -11.0362 |
| Hunter-Lab | 75.4266, -6.7812, -3.1304 |

Details

The Yxy color **56.8917, 0.2924, 0.3144** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6061, 0.3347, 0.3432**, and the grayscale version is **56.1699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **28.2416, 0.2877, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **50.3009, 0.2766, 0.3019**, and if you desaturate by 10%, it is **64.1382, 0.3079, 0.3257**.

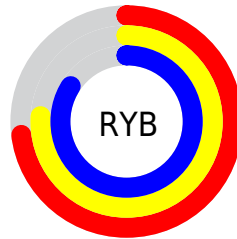
Distribution



Red (73%)

Green (79%)

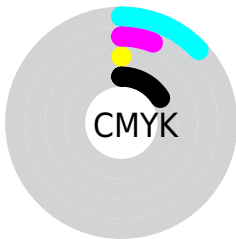
Blue (84%)



Red (73%)

Yellow (76%)

Blue (84%)

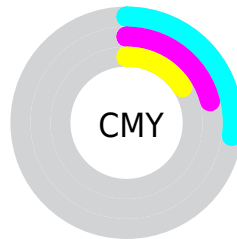


Cyan (13%)

Magenta (6%)

Yellow (0%)

Black (16%)



Cyan (27%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8917, 0.2924, 0.3144 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 56.8917, 0.2924, 0.3144 by changing the saturation by 10% instead.

■ 56.8917, 0.2924,
0.3144

■ 56.8917, 0.2924,
0.3144

413.0434, 0.3022,
0.3215

■ 40.9183, 0.2901,
0.3127

■ 100.3071, 0.2959,
0.3169

■ 28.2552, 0.2871,
0.3105

128.5180, 0.2972,
0.3179

■ 18.5182, 0.2833,
0.3077

161.5767, 0.2983,
0.3187

■ 11.3226, 0.2782,
0.3039

199.8678, 0.2993,
0.3194

■ 6.2843, 0.2710,
0.2984

243.7757, 0.3002,
0.3200

■ 3.0187, 0.2599,
0.2898

293.6846, 0.3009,

■ 1.1415, 0.2410,

0.3206

0.2749

349.9790, 0.3016,
0.3211

0.0131, 0.0000,
0.0228

0.0000, 0.0000,
0.0000

56.8917, 0.2924,
0.3144

56.8917, 0.2924,
0.3144

50.3009, 0.2766,
0.3019

64.1382, 0.3079,
0.3257

44.3368, 0.2607,
0.2882

72.0539, 0.3230,
0.3358

38.9782, 0.2452,
0.2734

80.6612, 0.3373,
0.3448

34.2000, 0.2305,
0.2576

86.9736, 0.3402,
0.3535

■ 29.9748, 0.2170,
0.2412

■ 92.4243, 0.3388,
0.3623

■ 26.2724, 0.2051,
0.2245

■ 97.5847, 0.3375,
0.3701

■ 23.0585, 0.1953,
0.2077

■ 20.2927, 0.1877,
0.1914

■ 18.6097, 0.1835,
0.1805

Harmonies

Analogous

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



56.8917, 0.2921, 0.3223



56.8917, 0.2924, 0.3144



56.8917, 0.2980, 0.3106

Triad

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



56.8917, 0.2924, 0.3144



56.8917, 0.3284, 0.3256



56.8917, 0.3175, 0.3472

Complementary

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



56.8917, 0.2924, 0.3144



57.6061, 0.3347, 0.3432

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.



56.8917, 0.3274, 0.3478



56.8917, 0.2924, 0.3144



56.8917, 0.3338, 0.3351

Square

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



56.8917, 0.2924, 0.3144



56.8917, 0.3187, 0.3170



56.8917, 0.3334, 0.3433



56.8917, 0.3065, 0.3415

Rectangle

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



56.8917, 0.2924, 0.3144



56.8917, 0.3041, 0.3107



56.8917, 0.3334, 0.3433



56.8917, 0.3211, 0.3480

Sweetspot

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



56.8941, 0.2924, 0.3144



95.3534, 0.3066, 0.3247



61.9299, 0.3033, 0.3488



20.2265, 0.3054, 0.3239



0.0000, 0.0000, 0.0000



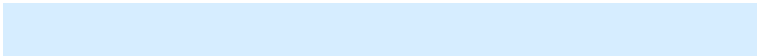
21.4041, 0.3127, 0.3290

Same Dimension

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



56.8941, 0.2924, 0.3144



82.3920, 0.2876, 0.3107



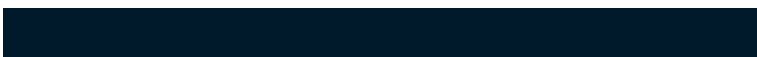
50.8174, 0.2920, 0.2975



13.1731, 0.2982, 0.3187



11.5726, 0.1841, 0.1828



0.8609, 0.1918, 0.2105

Inverse Universe

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



53.0755, 0.3236, 0.3104



75.5969, 0.3265, 0.3059



64.0822, 0.3326, 0.3587



12.5384, 0.3203, 0.3158



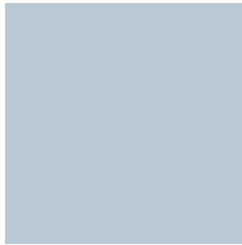
9.5131, 0.4652, 0.2336



0.5902, 0.4335, 0.2162

Previews

White Background



This preview shows how the Yxy color 56.8917, 0.2924, 0.3144 looks on a white background.

Color Contrast Check

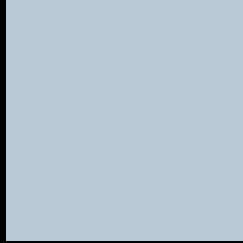
Large Text (above 18pt) WCAG AA × Fail

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 56.8917, 0.2924, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

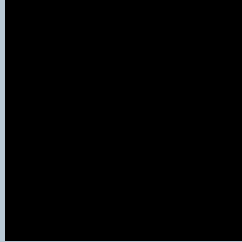
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

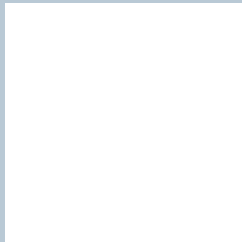
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8917, 0.2924, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 56.8917, 0.2924, 0.3144.

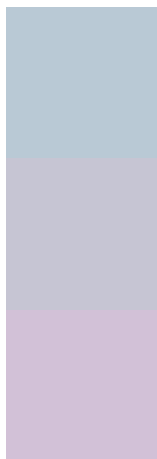


This preview shows how white text looks on a background with the Yxy color 56.8917, 0.2924, 0.3144.

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

56.8917, 0.2924, 0.3144

Protanopia

56.6414, 0.3034, 0.3124

Deuteranopia

56.7479, 0.3099, 0.3037



Tritanopia

56.7055, 0.2911, 0.3097

Trichromacy



Original Color

56.8917, 0.2924, 0.3144

Protanomaly

56.4791, 0.2989, 0.3122

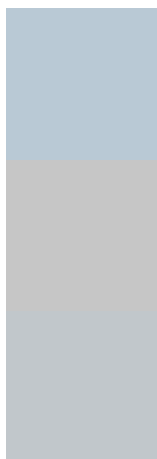
Deuteranomaly

56.7524, 0.3036, 0.3079

Tritanomaly

56.6540, 0.2917, 0.3109

Monochromacy



Original Color

56.8917, 0.2924, 0.3144

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.4961, 0.3052, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8917, 0.2924, 0.3144 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, 201, 213)` looks like.

```
.text, #text, p{  
    color:rgb(185, 201, 213)  
}
```

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, 201, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 201, 213) }
```

Border

The CSS property to change the border of an element to Yxy 56.8917, 0.2924, 0.3144 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, 201, 213) }
```

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

```
.border{ border-color:rgb(185, 201, 213) }
```

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

Here you see how a box with a 4 pixel rgb(185, 201, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 201, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 201, 213);  
box-shadow:4px 4px 4px 4px rgb(185, 201,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8917, 0.2924, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 201, 213) }
```

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

```
.background{ background-color: rgb(185,  
201, 213) }
```

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