

Converting Colors

$Yxy(50.9393, 0.2797, 0.3368)$

Have a look what the booklet for
Yxy(50.9393, 0.2797, 0.3368)
contains.

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Color

Yxy(51.0867, 0.2800, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	95C7C1
RGB	149, 199, 193
RGB Percent	58%, 78%, 76%
CMY	0.4155, 0.2196, 0.2432
CMYK	0.25, 0.00, 0.03, 0.22
HSL	173°, 31%, 68%
HSV	173°, 25%, 78%
XYZ	42.4459, 51.0867, 58.0600
YIQ	183.3660, -27.8740, -12.4660

Conversions

Conversions Part 2

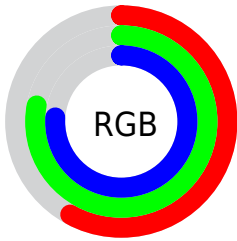
Format	Color
RYB	149, 176, 199
Decimal	9816001
CIELab	76.73, -17.52, -2.30
CIELCh	77, 17.674, 187.477
Yxy	51.0867, 0.2800, 0.3370
Android (android.graphics.Color)	4288006081 (0xFF95C7C1)
YUV	183.3660, 4.7496, -30.1390
Hunter-Lab	71.4750, -19.0777, 1.8705

Details

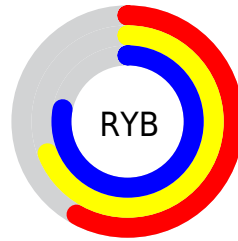
The Yxy color **51.0867, 0.2800, 0.3370** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.0175, 0.3588, 0.3213**, and the grayscale version is **47.5542, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1969, 0.2858, 0.3352**, and **24.6856, 0.2711, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **49.2674, 0.2687, 0.3406**, and if you desaturate by 10%, it is **53.2318, 0.2925, 0.3336**.

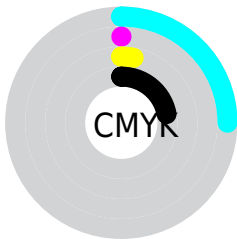
Distribution



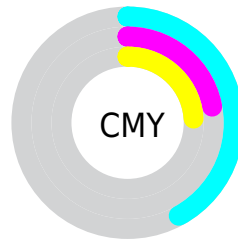
- Red (58%)
- Green (78%)
- Blue (76%)



- Red (58%)
- Yellow (69%)
- Blue (78%)



- Cyan (25%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)




- Cyan (42%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0867, 0.2800, 0.3370 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 51.0867, 0.2800, 0.3370 by changing the saturation by 10% instead.


 51.0867, 0.2800,
0.3370


 51.0867, 0.2800,
0.3370


390.9005, 0.2960,
0.3332

 36.2776, 0.2761,
0.3379


 91.7829, 0.2857,
0.3357

 24.6487, 0.2712,
0.3390


 118.4388, 0.2879,
0.3351

 15.8155, 0.2647,
0.3405


149.8125, 0.2898,
0.3347

 9.3937, 0.2558,
0.3424

186.2883, 0.2914,
0.3343

 4.9989, 0.2430,
0.3450

228.2506, 0.2928,
0.3340

 2.2466, 0.2228,
0.3489

276.0838, 0.2940,

 0.7452, 0.1404,

0.3337

0.3730

330.1723, 0.2951,
0.3334

0.0000, 0.0000,
0.0000

51.0867, 0.2800,
0.3370

51.0867, 0.2800,
0.3370

49.2674, 0.2687,
0.3406

53.2318, 0.2925,
0.3336

47.7513, 0.2587,
0.3445

55.7114, 0.3057,
0.3305

46.5228, 0.2503,
0.3485

58.5419, 0.3195,
0.3277

45.5624, 0.2438,
0.3527

61.7365, 0.3336,
0.3251

44.8482, 0.2391,
0.3568

65.3079, 0.3477,
0.3228

■ 44.3547, 0.2364,
0.3610

■ 66.6298, 0.3510,
0.3205

■ 44.0510, 0.2354,
0.3652

■ 66.7484, 0.3491,
0.3181

■ 43.9418, 0.2353,
0.3672

■ 66.8687, 0.3472,
0.3156

■ 66.9909, 0.3454,
0.3132

Harmonies

Analogous

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



51.0867, 0.3001, 0.3578



51.0867, 0.2800, 0.3370



51.0867, 0.2687, 0.3147

Triad

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



51.0867, 0.2800, 0.3370



51.0867, 0.3000, 0.2915



51.0867, 0.3586, 0.3587

Complementary

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



51.0867, 0.2800, 0.3370



36.0175, 0.3588, 0.3213

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.



51.0867, 0.3588, 0.3404



51.0867, 0.2800, 0.3370



51.0867, 0.3243, 0.3026

Square

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



51.0867, 0.2800, 0.3370



51.0867, 0.2799, 0.2895



51.0867, 0.3461, 0.3201



51.0867, 0.3456, 0.3700

Rectangle

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



51.0867, 0.2800, 0.3370



51.0867, 0.2674, 0.3024



51.0867, 0.3461, 0.3201



51.0867, 0.3602, 0.3531

Sweetspot

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



51.0888, 0.2800, 0.3370



96.1767, 0.3017, 0.3314



50.0556, 0.3145, 0.3986



20.4415, 0.2996, 0.3319



0.0000, 0.0000, 0.0000



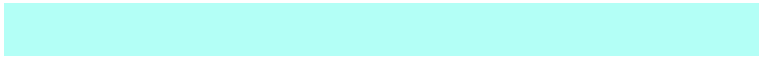
21.4041, 0.3127, 0.3290

Same Dimension

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



51.0888, 0.2800, 0.3370



87.6842, 0.2738, 0.3389



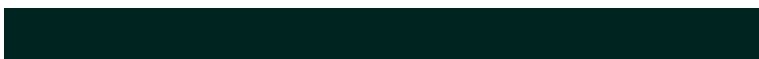
43.4344, 0.2740, 0.3038



12.0447, 0.3000, 0.3318



28.2644, 0.2352, 0.3667



1.3447, 0.2328, 0.3580

Inverse Universe

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



36.0175, 0.3588, 0.3213



56.9191, 0.3722, 0.3195



42.0816, 0.3594, 0.3529



10.6574, 0.3271, 0.3262



7.8570, 0.6236, 0.3209



0.3791, 0.5798, 0.2967

Previews

White Background



This preview shows how the Yxy color 51.0867, 0.2800, 0.3370 looks on a white background.

Color Contrast Check

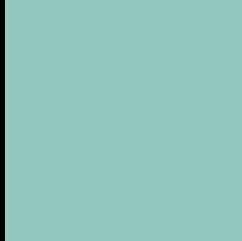
Large Text (above 18pt) WCAG AA × Fail

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 51.0867, 0.2800, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

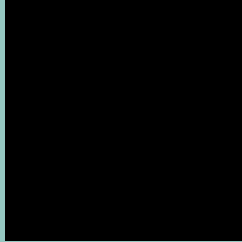
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

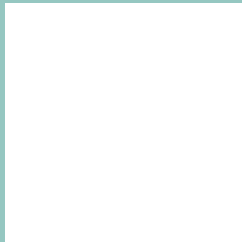
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.0867, 0.2800, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 51.0867, 0.2800, 0.3370.

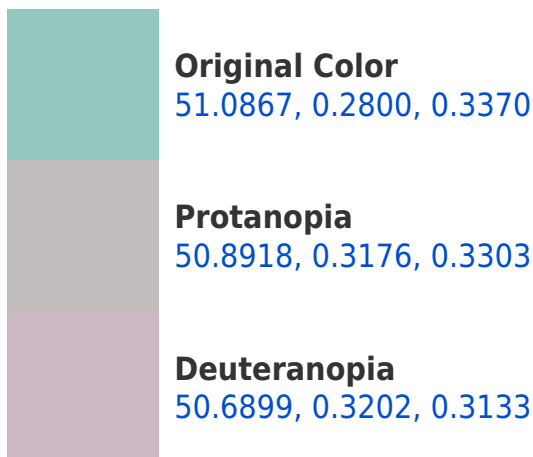


This preview shows how white text looks on a background with the Yxy color 51.0867, 0.2800, 0.3370.

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





Tritanopia

51.0056, 0.2704, 0.3081

Trichromacy



Original Color

51.0867, 0.2800, 0.3370

Protanomaly

50.7205, 0.3030, 0.3328

Deuteranomaly

50.5257, 0.3042, 0.3214

Tritanomaly

51.0157, 0.2742, 0.3184

Monochromacy



Original Color

51.0867, 0.2800, 0.3370

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.6410, 0.2997, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0867, 0.2800, 0.3370 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(149, 199, 193)` looks like.

```
.text, #text, p{  
    color:rgb(149, 199, 193)  
}
```

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(149, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 199, 193) }
```

Border

The CSS property to change the border of an element to Yxy 51.0867, 0.2800, 0.3370 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(149, 199, 193) }
```

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

```
.border{ border-color:rgb(149, 199, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 199, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 199, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 199, 193);  
box-shadow:4px 4px 4px 4px rgb(149, 199,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0867, 0.2800, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 199, 193) }
```

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

```
.background{ background-color: rgb(149,  
199, 193) }
```

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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