

Converting Colors

$Y_{xy}(51.4204, 0.2875, 0.3358)$

Have a look what the booklet for
Yxy(51.4204, 0.2875, 0.3358)
contains.

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Color

Yxy(51.5649, 0.2875, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	9FC6C0
RGB	159, 198, 192
RGB Percent	62%, 78%, 75%
CMY	0.3765, 0.2235, 0.2472
CMYK	0.20, 0.00, 0.03, 0.22
HSL	171°, 25%, 70%
HSV	171°, 20%, 78%
XYZ	44.0039, 51.5649, 57.4882
YIQ	185.6550, -21.3180, -10.1340

Conversions

Conversions Part 2

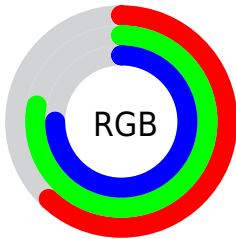
Format	Color
R _Y B	159, 180, 198
Decimal	10471104
CIE Lab	77.02, -14.15, -1.27
CIE LCh	77, 14.204, 185.124
Yxy	51.5649, 0.2875, 0.3369
Android (android.graphics.Color)	4288661184 (0xFF9FC6C0)
YUV	185.6550, 3.1281, -23.3764
Hunter-Lab	71.8087, -16.2816, 2.8000

Details

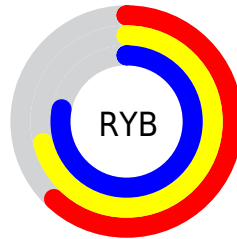
The Yxy color **51.5649, 0.2875, 0.3369** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.5203, 0.3454, 0.3213**, and the grayscale version is **48.8910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5935, 0.2920, 0.3361**, and **24.9364, 0.2805, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **49.5680, 0.2759, 0.3414**, and if you desaturate by 10%, it is **53.8932, 0.3000, 0.3327**.

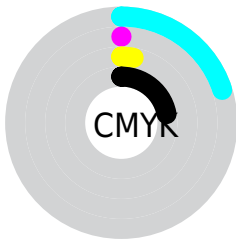
Distribution



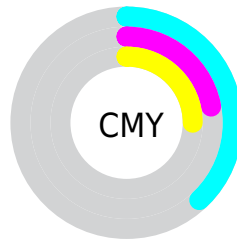
- Red (62%)
- Green (78%)
- Blue (75%)



- Red (62%)
- Yellow (71%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5649, 0.2875, 0.3369 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 51.5649, 0.2875, 0.3369 by changing the saturation by 10% instead.


 51.5649, 0.2875,
0.3369

 51.5649, 0.2875,
0.3369

392.7546, 0.2999,
0.3331

 36.6584, 0.2845,
0.3378


 92.4892, 0.2919,
0.3355

 24.9431, 0.2807,
0.3390


 119.2759, 0.2936,
0.3350

 16.0347, 0.2756,
0.3405


150.7913, 0.2950,
0.3346

 9.5487, 0.2688,
0.3425

187.4199, 0.2963,
0.3342

 5.1008, 0.2588,
0.3455

229.5462, 0.2973,
0.3339

 2.3065, 0.2430,
0.3500

277.5545, 0.2983,

 0.7772, 0.1868,

0.3336

0.3691

331.8291, 0.2991,
0.3333

0.0000, 0.0000,
0.0000

51.5649, 0.2875,
0.3369

51.5649, 0.2875,
0.3369

49.5680, 0.2759,
0.3414

53.8932, 0.3000,
0.3327

47.8806, 0.2655,
0.3463

56.5608, 0.3131,
0.3289

46.4881, 0.2565,
0.3514

59.5834, 0.3266,
0.3254

45.3724, 0.2492,
0.3567

62.9739, 0.3402,
0.3224

44.5132, 0.2438,
0.3622

66.1704, 0.3513,
0.3196

■ 43.8872, 0.2403,
0.3677

■ 66.3219, 0.3488,
0.3165

■ 43.4674, 0.2386,
0.3731

■ 66.4763, 0.3464,
0.3133

■ 43.2033, 0.2385,
0.3786

■ 66.6336, 0.3440,
0.3102

■ 43.1961, 0.2385,
0.3787

■ 66.7939, 0.3417,
0.3072

Harmonies

Analogous

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



51.5649, 0.3041, 0.3529



51.5649, 0.2875, 0.3369



51.5649, 0.2777, 0.3191

Triad

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



51.5649, 0.2875, 0.3369



51.5649, 0.3012, 0.2983



51.5649, 0.3498, 0.3521

Complementary

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



51.5649, 0.2875, 0.3369



39.5203, 0.3454, 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.



51.5649, 0.3491, 0.3371



51.5649, 0.2875, 0.3369



51.5649, 0.3206, 0.3067

Square

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



51.5649, 0.2875, 0.3369



51.5649, 0.2853, 0.2974



51.5649, 0.3383, 0.3207



51.5649, 0.3403, 0.3614

Rectangle

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



51.5649, 0.2875, 0.3369



51.5649, 0.2761, 0.3089



51.5649, 0.3383, 0.3207



51.5649, 0.3508, 0.3475

Sweetspot

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



51.5670, 0.2875, 0.3369



97.0614, 0.3047, 0.3313



50.9478, 0.3153, 0.3818



20.7096, 0.3038, 0.3315



0.0000, 0.0000, 0.0000



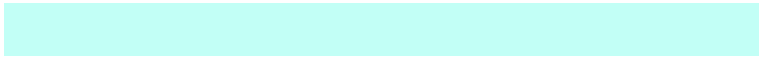
21.4041, 0.3127, 0.3290

Same Dimension

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



51.5670, 0.2875, 0.3369



89.5883, 0.2820, 0.3390



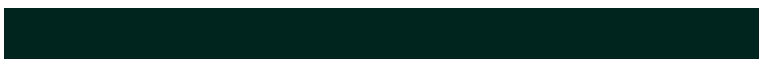
46.1482, 0.2825, 0.3116



12.0383, 0.3004, 0.3326



28.0995, 0.2383, 0.3780



1.3383, 0.2352, 0.3666

Inverse Universe

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



39.5203, 0.3454, 0.3213



64.0789, 0.3553, 0.3194



44.0156, 0.3481, 0.3458



10.6632, 0.3266, 0.3255



7.8789, 0.6167, 0.3171



0.3818, 0.5653, 0.2888

Previews

White Background



This preview shows how the Yxy color 51.5649, 0.2875, 0.3369 looks on a white background.

Color Contrast Check

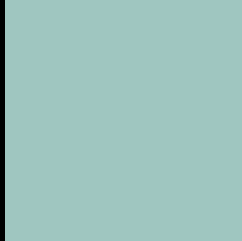
Large Text (above 18pt) WCAG AA × Fail

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 51.5649, 0.2875, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

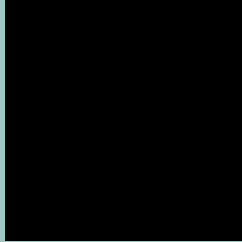
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

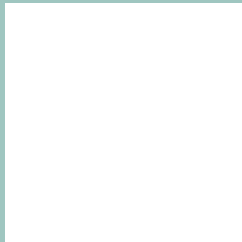
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5649, 0.2875, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 51.5649, 0.2875, 0.3369.



This preview shows how white text looks on a background with the Yxy color 51.5649, 0.2875, 0.3369.

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

51.5649, 0.2875, 0.3369

Protanopia

51.4524, 0.3184, 0.3315

Deuteranopia

51.3429, 0.3226, 0.3158



Tritanopia

51.5199, 0.2777, 0.3085

Trichromacy



Original Color

51.5649, 0.2875, 0.3369

Protanomaly

51.1972, 0.3061, 0.3328

Deuteranomaly

51.1091, 0.3089, 0.3227

Tritanomaly

51.5209, 0.2816, 0.3186

Monochromacy



Original Color

51.5649, 0.2875, 0.3369

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.6879, 0.3029, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5649, 0.2875, 0.3369 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(159, 198, 192)` looks like.

```
.text, #text, p{  
    color:rgb(159, 198, 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(159, 198, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 198, 192) }
```

Border

The CSS property to change the border of an element to Yxy 51.5649, 0.2875, 0.3369 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(159, 198, 192) }
```

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

```
.border{ border-color:rgb(159, 198, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 198, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 198, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 198, 192);  
box-shadow:4px 4px 4px 4px rgb(159, 198,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5649, 0.2875, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 198, 192) }
```

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

```
.background{ background-color: rgb(159,  
198, 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](#).

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