

Converting Colors

$Yxy(51.4369, 0.2804, 0.3254)$

Have a look what the booklet for
Yxy(51.4369, 0.2804, 0.3254)
contains.

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Color

Yxy(51.2707, 0.2808, 0.3250)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9DC5C8 |
| RGB | 157, 197, 200 |
| RGB Percent | 62%, 77%, 78% |
| CMY | 0.3842, 0.2275, 0.2158 |
| CMYK | 0.21, 0.01, 0.00, 0.22 |
| HSL | 184°, 28%, 70% |
| HSV | 184°, 21%, 78% |
| XYZ | 44.2979, 51.2707, 62.1874 |
| YIQ | 185.3820, -24.8030, -7.5470 |

Conversions

Conversions Part 2

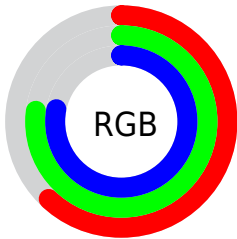
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 157, 178, 200 |
| Decimal | 10339784 |
| CIELab | 76.84, -12.52, -5.86 |
| CIElCh | 77, 13.828, 205.090 |
| Yxy | 51.2707, 0.2808, 0.3250 |
| Android (android.graphics.Color) | 4288529864 (0xFF9DC5C8) |
| YUV | 185.3820, 7.2067, -24.8910 |
| Hunter-Lab | 71.6036, -14.8764, -1.3706 |

Details

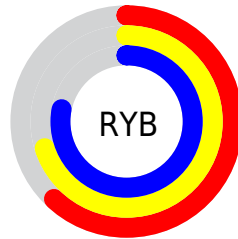
The Yxy color **51.2707, 0.2808, 0.3250** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.8543, 0.3548, 0.3330**, and the grayscale version is **48.7123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1007, 0.2871, 0.3279**, and **24.7235, 0.2726, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **48.7970, 0.2673, 0.3229**, and if you desaturate by 10%, it is **54.0836, 0.2953, 0.3270**.

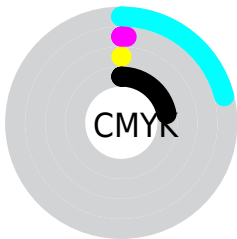
Distribution



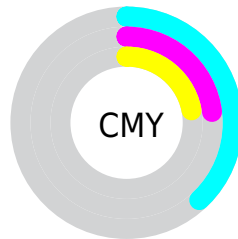
- Red (62%)
- Green (77%)
- Blue (78%)



- Red (62%)
- Yellow (70%)
- Blue (78%)



- Cyan (21%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)





- Cyan (38%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2707, 0.2808, 0.3250 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 51.2707, 0.2808, 0.3250 by changing the saturation by 10% instead.


 51.2707, 0.2808,
0.3250


 51.2707, 0.2808,
0.3250


391.6146, 0.2964,
0.3272

 36.4241, 0.2770,
0.3244


 92.0548, 0.2864,
0.3258

 24.7619, 0.2723,
0.3236


 118.7611, 0.2885,
0.3261

 15.8998, 0.2660,
0.3226


150.1893, 0.2903,
0.3264

 9.4532, 0.2575,
0.3210

186.7240, 0.2918,
0.3266

 5.0380, 0.2453,
0.3186

228.7495, 0.2932,
0.3268

 2.2696, 0.2261,
0.3141

276.6501, 0.2944,

 0.7575, 0.1703,

0.3269

0.3114

330.8104, 0.2954,
0.3270

0.0000, 0.0000,
0.0000

51.2707, 0.2808,
0.3250

51.2707, 0.2808,
0.3250

48.7970, 0.2673,
0.3229

54.0836, 0.2953,
0.3270

46.6402, 0.2552,
0.3207

57.2443, 0.3104,
0.3287

44.7850, 0.2445,
0.3184

60.7689, 0.3260,
0.3304

43.2124, 0.2357,
0.3161

64.6707, 0.3418,
0.3319

41.9012, 0.2287,
0.3138

68.5772, 0.3558,
0.3332

■ 40.8270, 0.2236,
0.3114

■ 69.2379, 0.3555,
0.3346

■ 39.9610, 0.2204,
0.3091

■ 69.9044, 0.3552,
0.3360

■ 39.3415, 0.2187,
0.3071

■ 70.5768, 0.3549,
0.3374

■ 71.2551, 0.3546,
0.3389

Harmonies

Analogous

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



51.2707, 0.2930, 0.3424



51.2707, 0.2808, 0.3250



51.2707, 0.2770, 0.3094

Triad

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



51.2707, 0.2808, 0.3250



51.2707, 0.3140, 0.3038



51.2707, 0.3437, 0.3584

Complementary

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



51.2707, 0.2808, 0.3250



39.8543, 0.3548, 0.3330

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.



51.2707, 0.3498, 0.3471



51.2707, 0.2808, 0.3250



51.2707, 0.3324, 0.3159

Square

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



51.2707, 0.2808, 0.3250



51.2707, 0.2957, 0.2978



51.2707, 0.3457, 0.3316



51.2707, 0.3292, 0.3621

Rectangle

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



51.2707, 0.2808, 0.3250



51.2707, 0.2795, 0.3021



51.2707, 0.3457, 0.3316



51.2707, 0.3468, 0.3553

Sweetspot

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



51.2728, 0.2808, 0.3250



96.5389, 0.3034, 0.3279



51.0016, 0.3080, 0.3841



20.5856, 0.3024, 0.3278



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.



51.2728, 0.2808, 0.3250



86.6272, 0.2741, 0.3240



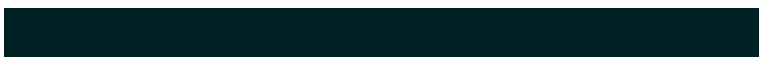
42.2498, 0.2788, 0.2960



11.9370, 0.2984, 0.3273



25.0765, 0.2187, 0.3075



1.2260, 0.2201, 0.3123

Inverse Universe

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



40.4318, 0.3178, 0.2796



64.4542, 0.3191, 0.2682



47.9075, 0.3493, 0.3599



10.8035, 0.3148, 0.3078



10.0715, 0.3389, 0.1641



0.4808, 0.3348, 0.1618

Previews

White Background



This preview shows how the Yxy color 51.2707, 0.2808, 0.3250 looks on a white background.

Color Contrast Check

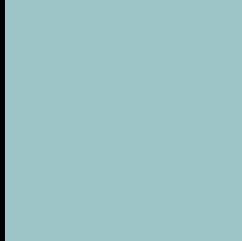
Large Text (above 18pt) WCAG AA × Fail

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 51.2707, 0.2808, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

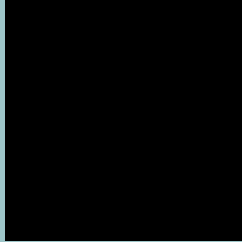
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

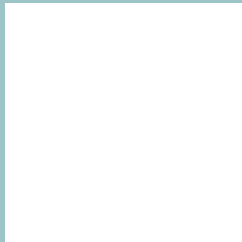
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2707, 0.2808, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 51.2707, 0.2808, 0.3250.

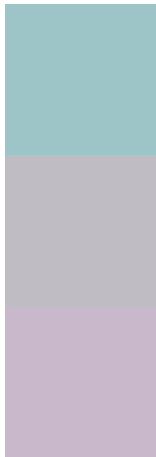


This preview shows how white text looks on a background with the Yxy color 51.2707, 0.2808, 0.3250.

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

51.2707, 0.2808, 0.3250

Protanopia

50.9829, 0.3098, 0.3203

Deuteranopia

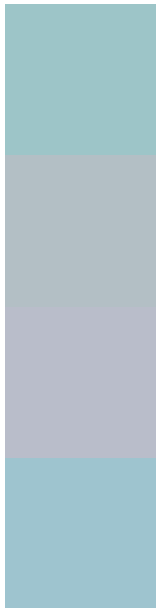
51.0103, 0.3121, 0.3061



Tritanopia

51.1043, 0.2749, 0.3083

Trichromacy



Original Color

51.2707, 0.2808, 0.3250

Protanomaly

50.8765, 0.2987, 0.3213

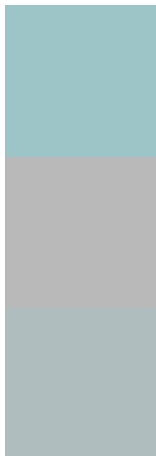
Deuteranomaly

50.9737, 0.2998, 0.3128

Tritanomaly

51.2540, 0.2769, 0.3146

Monochromacy



Original Color

51.2707, 0.2808, 0.3250

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.2269, 0.3007, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2707, 0.2808, 0.3250 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(157, 197, 200)` looks like.

```
.text, #text, p{  
    color:rgb(157, 197, 200)  
}
```

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(157, 197, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 197, 200) }
```

Border

The CSS property to change the border of an element to Yxy 51.2707, 0.2808, 0.3250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

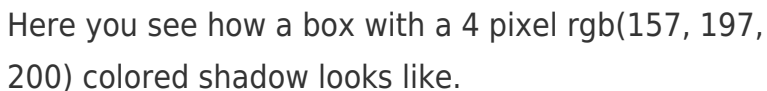
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 197, 200) }
```

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

```
.border{ border-color:rgb(157, 197, 200) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 197, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 197, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 197, 200);  
box-shadow:4px 4px 4px 4px rgb(157, 197,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2707, 0.2808, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 197, 200) }
```

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

```
.background{ background-color: rgb(157,  
197, 200) }
```

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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