

Converting Colors

$Y_{xy}(49.6970, 0.2818, 0.3327)$

Have a look what the booklet for
Yxy(49.6970, 0.2818, 0.3327)
contains.

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Color

Yxy(49.5559, 0.2816, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	98C3C1
RGB	152, 195, 193
RGB Percent	60%, 76%, 76%
CMY	0.4041, 0.2352, 0.2431
CMYK	0.22, 0.00, 0.01, 0.24
HSL	177°, 26%, 68%
HSV	177°, 22%, 76%
XYZ	42.0837, 49.5559, 57.8053
YIQ	181.9150, -24.9860, -9.7380

Conversions

Conversions Part 2

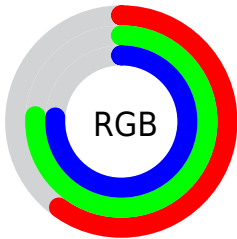
Format	Color
RYB	152, 174, 195
Decimal	10011585
CIELab	75.80, -14.58, -3.68
CIELCh	76, 15.037, 194.148
Yxy	49.5559, 0.2816, 0.3316
Android (android.graphics.Color)	4288201665 (0xFF98C3C1)
YUV	181.9150, 5.4649, -26.2355
Hunter-Lab	70.3960, -16.4832, 0.5915

Details

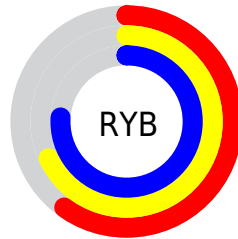
The Yxy color **49.5559, 0.2816, 0.3316** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.3765, 0.3550, 0.3265**, and the grayscale version is **46.7069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7258, 0.2873, 0.3321**, and **23.6525, 0.2729, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **47.7887, 0.2691, 0.3329**, and if you desaturate by 10%, it is **51.6367, 0.2952, 0.3304**.

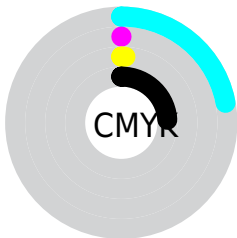
Distribution



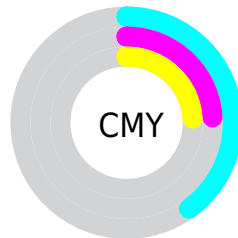
- Red (60%)
- Green (76%)
- Blue (76%)



- Red (60%)
- Yellow (68%)
- Blue (76%)



- Cyan (22%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)





- Cyan (40%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.5559, 0.2816, 0.3316 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 49.5559, 0.2816, 0.3316 by changing the saturation by 10% instead.


 49.5559, 0.2816,
0.3316

 49.5559, 0.2816,
0.3316


384.9267, 0.2969,
0.3305

 35.0607, 0.2779,
0.3318


 89.5165, 0.2871,
0.3312

 23.7096, 0.2731,
0.3321


 115.7507, 0.2892,
0.3311

 15.1183, 0.2669,
0.3324


146.6667, 0.2909,
0.3309

 8.9025, 0.2583,
0.3328

182.6488, 0.2925,
0.3308

 4.6776, 0.2458,
0.3331

224.0814, 0.2938,
0.3307

 2.0594, 0.2260,
0.3332

271.3490, 0.2950,

 0.6416, 0.1372,

0.3306

0.3466

324.8360, 0.2960,
0.3305

0.0000, 0.0000,
0.0000

49.5559, 0.2816,
0.3316

49.5559, 0.2816,
0.3316

47.7887, 0.2691,
0.3329

51.6367, 0.2952,
0.3304

46.3140, 0.2581,
0.3343

54.0391, 0.3096,
0.3292

45.1174, 0.2486,
0.3358

56.7784, 0.3246,
0.3282

44.1809, 0.2410,
0.3373

59.8670, 0.3399,
0.3273

43.4845, 0.2353,
0.3389

63.3168, 0.3552,
0.3265

■ 43.0051, 0.2314,
0.3404

■ 64.3944, 0.3590,
0.3256

■ 42.7152, 0.2294,
0.3419

■ 64.4365, 0.3583,
0.3246

■ 42.5792, 0.2286,
0.3431

■ 64.4789, 0.3575,
0.3237

■ 64.5215, 0.3568,
0.3228

Harmonies

Analogous

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



49.5559, 0.2976, 0.3501



49.5559, 0.2816, 0.3316



49.5559, 0.2739, 0.3130

Triad

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



49.5559, 0.2816, 0.3316



49.5559, 0.3064, 0.2981



49.5559, 0.3505, 0.3575

Complementary

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



49.5559, 0.2816, 0.3316



36.3765, 0.3550, 0.3265

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.



49.5559, 0.3532, 0.3428



49.5559, 0.2816, 0.3316



49.5559, 0.3273, 0.3092

Square

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



49.5559, 0.2816, 0.3316



49.5559, 0.2878, 0.2945



49.5559, 0.3446, 0.3253



49.5559, 0.3374, 0.3651

Rectangle

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



49.5559, 0.2816, 0.3316



49.5559, 0.2742, 0.3033



49.5559, 0.3446, 0.3253



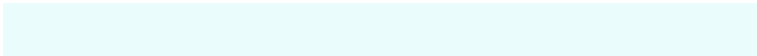
49.5559, 0.3527, 0.3532

Sweetspot

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



49.5579, 0.2816, 0.3316



94.5330, 0.3023, 0.3298



48.1822, 0.3116, 0.3896



20.6439, 0.3014, 0.3299



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.



49.5579, 0.2816, 0.3316



87.3094, 0.2761, 0.3322



41.5197, 0.2784, 0.3022



11.4201, 0.2990, 0.3300



27.6735, 0.2286, 0.3429



1.1982, 0.2276, 0.3395

Inverse Universe

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



36.3765, 0.3550, 0.3265



59.9527, 0.3660, 0.3259



43.1200, 0.3518, 0.3544



10.0853, 0.3282, 0.3280



7.5571, 0.6343, 0.3268



0.3292, 0.6136, 0.3154

Previews

White Background



This preview shows how the Yxy color 49.5559, 0.2816, 0.3316 looks on a white background.

Color Contrast Check

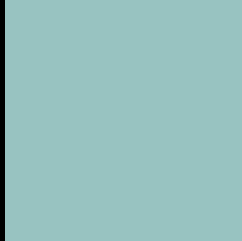
Large Text (above 18pt) WCAG AA × Fail

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 49.5559, 0.2816, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

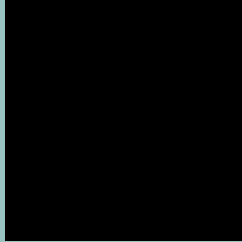
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

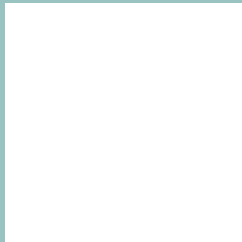
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.5559, 0.2816, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 49.5559, 0.2816, 0.3316.

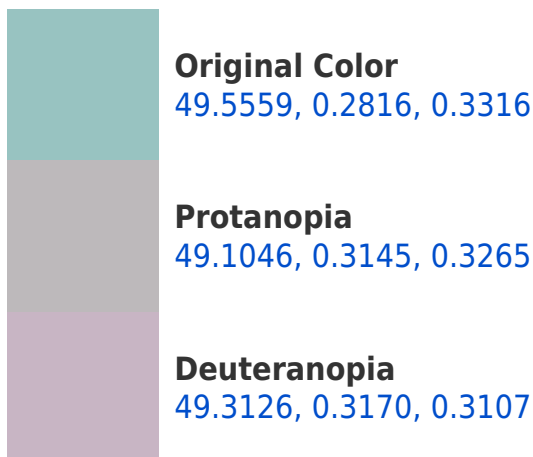


This preview shows how white text looks on a background with the Yxy color 49.5559, 0.2816, 0.3316.

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

49.6626, 0.2738, 0.3093

Trichromacy



Original Color

49.5559, 0.2816, 0.3316

Protanomaly

49.2994, 0.3022, 0.3290

Deuteranomaly

49.1252, 0.3034, 0.3175

Tritanomaly

49.7654, 0.2765, 0.3170

Monochromacy



Original Color

49.5559, 0.2816, 0.3316

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.7437, 0.3004, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5559, 0.2816, 0.3316 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(152, 195, 193)` looks like.

```
.text, #text, p{  
    color:rgb(152, 195, 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(152, 195, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 195, 193) }
```

Border

The CSS property to change the border of an element to Yxy 49.5559, 0.2816, 0.3316 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(152, 195, 193) }
```

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

```
.border{ border-color:rgb(152, 195, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 195, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 195, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 195, 193);  
box-shadow:4px 4px 4px 4px rgb(152, 195,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5559, 0.2816, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 195, 193) }
```

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

```
.background{ background-color: rgb(152,  
195, 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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