

Converting Colors

$Yxy(58.0076, 0.2693, 0.3250)$

Have a look what the booklet for
Yxy(58.0076, 0.2693, 0.3250)
contains.

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Color

Yxy(57.9276, 0.2694, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	96D3D6
RGB	150, 211, 214
RGB Percent	59%, 83%, 84%
CMY	0.4119, 0.1725, 0.1609
CMYK	0.30, 0.01, 0.00, 0.16
HSL	183°, 44%, 71%
HSV	183°, 30%, 84%
XYZ	48.0028, 57.9276, 72.2536
YIQ	193.1030, -37.3190, -11.9990

Conversions

Conversions Part 2

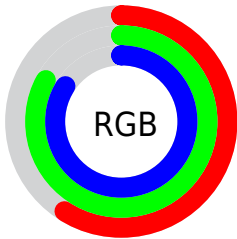
Format	Color
R _{YB}	150, 181, 214
Decimal	9884630
CIE Lab	80.70, -18.62, -7.73
CIE LCh	81, 20.163, 202.529
Yxy	57.9276, 0.2694, 0.3251
Android (android.graphics.Color)	4288074710 (0xFF96D3D6)
YUV	193.1030, 10.3022, -37.8013
Hunter-Lab	76.1102, -20.6127, -3.0086

Details

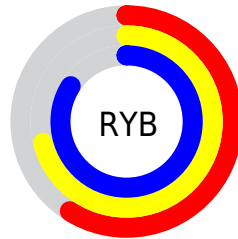
The Yxy color **57.9276, 0.2694, 0.3251** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.2555, 0.3783, 0.3329**, and the grayscale version is **53.3439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **28.7669, 0.2584, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **55.5913, 0.2572, 0.3236**, and if you desaturate by 10%, it is **60.6422, 0.2830, 0.3265**.

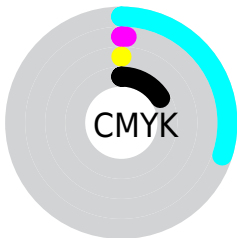
Distribution



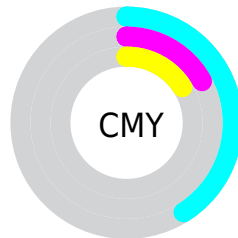
- Red (59%)
- Green (83%)
- Blue (84%)



- Red (59%)
- Yellow (71%)
- Blue (84%)



- Cyan (30%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)




- Cyan (41%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9276, 0.2694, 0.3251 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 57.9276, 0.2694, 0.3251 by changing the saturation by 10% instead.


 57.9276, 0.2694,
0.3251


 57.9276, 0.2694,
0.3251

416.9161, 0.2900,
0.3273

 41.7504, 0.2646,
0.3245

 101.8174, 0.2767,
0.3260

 28.9059, 0.2585,
0.3237


 130.2989, 0.2794,
0.3263

 19.0097, 0.2507,
0.3225


163.6506, 0.2818,
0.3265

 11.6773, 0.2404,
0.3208

202.2569, 0.2839,
0.3267

 6.5243, 0.2260,
0.3181

246.5022, 0.2857,
0.3269

 3.1664, 0.2045,
0.3134

296.7709, 0.2873,

 1.2192, 0.1676,

0.3271

353.4474, 0.2887,
0.3272

0.3045

0.0773, 0.0000,
0.1102

0.0000, 0.0000,
0.0000

57.9276, 0.2694,
0.3251

57.9276, 0.2694,
0.3251

55.5913, 0.2572,
0.3236

60.6422, 0.2830,
0.3265

53.6062, 0.2465,
0.3221

63.7467, 0.2975,
0.3278

51.9524, 0.2377,
0.3206

67.2610, 0.3129,
0.3290

50.6052, 0.2307,
0.3190

71.2014, 0.3286,
0.3301

■ 49.5367, 0.2256,
0.3174

■ 75.2097, 0.3431,
0.3311

■ 48.7134, 0.2224,
0.3159

■ 75.7191, 0.3429,
0.3321

■ 48.0757, 0.2207,
0.3144

■ 76.2316, 0.3427,
0.3331

■ 48.0704, 0.2207,
0.3144

■ 76.7471, 0.3426,
0.3341

■ 77.2658, 0.3424,
0.3351

Harmonies

Analogous

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



57.9276, 0.2869, 0.3498



57.9276, 0.2694, 0.3251



57.9276, 0.2631, 0.3028

Triad

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



57.9276, 0.2694, 0.3251



57.9276, 0.3119, 0.2931



57.9276, 0.3573, 0.3689

Complementary

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



57.9276, 0.2694, 0.3251



39.2555, 0.3783, 0.3329

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.



57.9276, 0.3649, 0.3519



57.9276, 0.2694, 0.3251



57.9276, 0.3382, 0.3091

Square

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



57.9276, 0.2694, 0.3251



57.9276, 0.2869, 0.2857



57.9276, 0.3579, 0.3302



57.9276, 0.3376, 0.3757

Rectangle

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



57.9276, 0.2694, 0.3251



57.9276, 0.2659, 0.2924



57.9276, 0.3579, 0.3302



57.9276, 0.3614, 0.3641

Sweetspot

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



57.9299, 0.2694, 0.3251



95.2277, 0.2988, 0.3279



56.8336, 0.3073, 0.4130



20.2278, 0.2966, 0.3277



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.



57.9299, 0.2694, 0.3251



83.8642, 0.2613, 0.3242



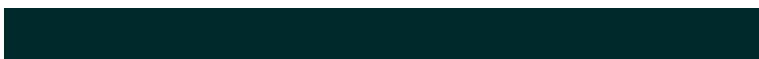
43.9135, 0.2648, 0.2836



14.0046, 0.2983, 0.3279



29.1059, 0.2207, 0.3146



1.7866, 0.2215, 0.3172

Inverse Universe

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



40.8000, 0.3188, 0.2582



54.4746, 0.3203, 0.2432



50.8197, 0.3673, 0.3704



12.6223, 0.3145, 0.3071



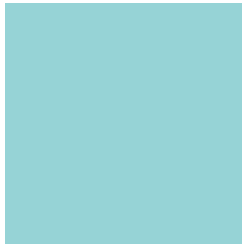
11.2831, 0.3328, 0.1607



0.6837, 0.3306, 0.1595

Previews

White Background



This preview shows how the Yxy color 57.9276, 0.2694, 0.3251 looks on a white background.

Color Contrast Check

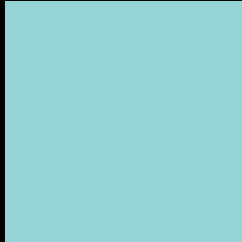
Large Text (above 18pt) WCAG AA × Fail

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 57.9276, 0.2694, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

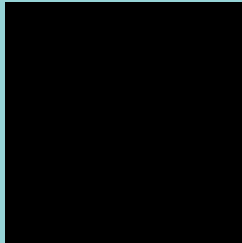
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

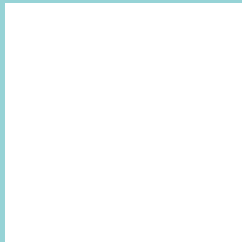
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9276, 0.2694, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 57.9276, 0.2694, 0.3251.

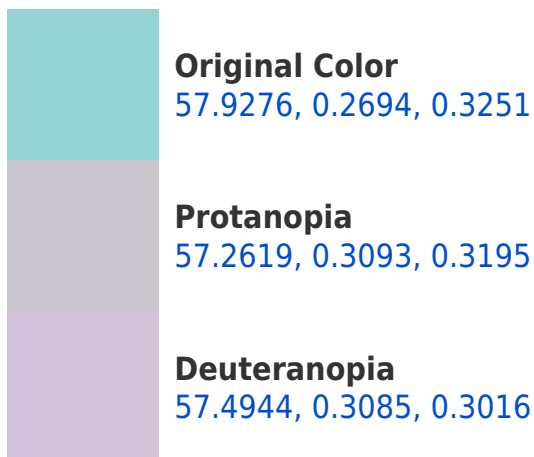


This preview shows how white text looks on a background with the Yxy color 57.9276, 0.2694, 0.3251.

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

57.8642, 0.2641, 0.3077

Trichromacy



Original Color

57.9276, 0.2694, 0.3251

Protanomaly

57.2604, 0.2929, 0.3216

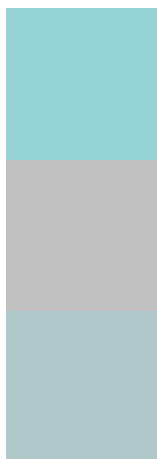
Deuteranomaly

57.1371, 0.2926, 0.3086

Tritanomaly

58.0425, 0.2659, 0.3138

Monochromacy



Original Color

57.9276, 0.2694, 0.3251

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.8727, 0.2946, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9276, 0.2694, 0.3251 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(150, 211, 214)` looks like.

```
.text, #text, p{  
    color:rgb(150, 211, 214)  
}
```

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(150, 211, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 211, 214) }
```

Border

The CSS property to change the border of an element to Yxy 57.9276, 0.2694, 0.3251 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(150, 211, 214) }
```

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

```
.border{ border-color:rgb(150, 211, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 211, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 211, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 211, 214);  
box-shadow:4px 4px 4px 4px rgb(150, 211,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9276, 0.2694, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 211, 214) }
```

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

```
.background{ background-color: rgb(150,  
211, 214) }
```

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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