

Converting Colors

$Y_{xy}(57.4022, 0.2876, 0.3367)$

Have a look what the booklet for
Yxy(57.4022, 0.2876, 0.3367)
contains.

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Color

Yxy(57.5443, 0.2878, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	A7D0C9
RGB	167, 208, 201
RGB Percent	65%, 82%, 79%
CMY	0.3453, 0.1843, 0.2118
CMYK	0.20, 0.00, 0.03, 0.18
HSL	170°, 30%, 74%
HSV	170°, 20%, 82%
XYZ	49.0268, 57.5443, 63.7791
YIQ	194.9430, -22.1890, -10.8690

Conversions

Conversions Part 2

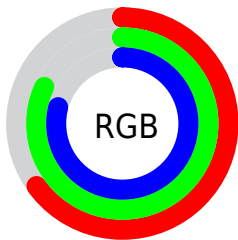
Format	Color
RYB	167, 189, 208
Decimal	10997961
CIELab	80.48, -14.89, -0.99
CIElCh	80, 14.924, 183.796
Yxy	57.5443, 0.2878, 0.3378
Android (android.graphics.Color)	4289188041 (0xFFA7D0C9)
YUV	194.9430, 2.9861, -24.5060
Hunter-Lab	75.8580, -17.3874, 3.2513

Details

The Yxy color **57.5443, 0.2878, 0.3378** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.0872, 0.3450, 0.3204**, and the grayscale version is **54.5254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **28.7952, 0.2813, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **55.2958, 0.2764, 0.3429**, and if you desaturate by 10%, it is **60.1658, 0.3001, 0.3331**.

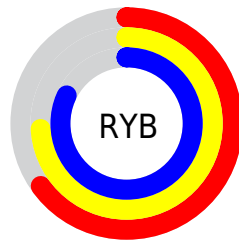
Distribution



Red (65%)

Green (82%)

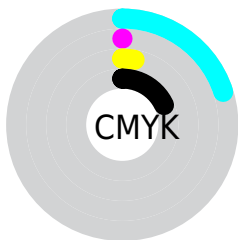
Blue (79%)



Red (65%)

Yellow (74%)

Blue (82%)

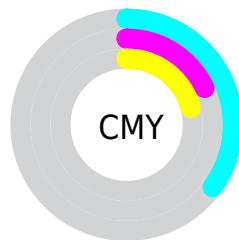


Cyan (20%)

Magenta (0%)

Yellow (3%)

Black (18%)



Cyan (35%)


Magenta (18%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5443, 0.2878, 0.3378 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 57.5443, 0.2878, 0.3378 by changing the saturation by 10% instead.


 57.5443, 0.2878,
0.3378

 57.5443, 0.2878,
0.3378

415.4857, 0.2998,
0.3336

 41.4424, 0.2849,
0.3388

 101.2590, 0.2921,
0.3363

 28.6649, 0.2813,
0.3400


 129.6405, 0.2937,
0.3358

 18.8275, 0.2767,
0.3416


162.8841, 0.2951,
0.3353

 11.5457, 0.2704,
0.3438

201.3740, 0.2963,
0.3348

 6.4351, 0.2615,
0.3468

245.4948, 0.2973,
0.3345

 3.1114, 0.2478,
0.3513

295.6307, 0.2982,

 1.1902, 0.2234,

0.3342

0.3594

352.1662, 0.2991,
0.3339

0.0537, 0.0000,
0.2962

0.0000, 0.0000,
0.0000

57.5443, 0.2878,
0.3378

57.5443, 0.2878,
0.3378

55.2958, 0.2764,
0.3429

60.1658, 0.3001,
0.3331

53.3957, 0.2661,
0.3483

63.1694, 0.3131,
0.3289

51.8276, 0.2572,
0.3540

66.5728, 0.3263,
0.3251

50.5708, 0.2501,
0.3599

70.3903, 0.3397,
0.3217

■ 49.6025, 0.2448,
0.3660

■ 71.4819, 0.3408,
0.3182

■ 48.8964, 0.2415,
0.3721

■ 71.6710, 0.3381,
0.3146

■ 48.4216, 0.2400,
0.3783

■ 71.8640, 0.3355,
0.3111

■ 48.1228, 0.2401,
0.3844

■ 72.0611, 0.3329,
0.3075

■ 48.1158, 0.2401,
0.3845

■ 72.2622, 0.3303,
0.3040

Harmonies

Analogous

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



57.5443, 0.3049, 0.3538



57.5443, 0.2878, 0.3378



57.5443, 0.2775, 0.3197

Triad

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



57.5443, 0.2878, 0.3378



57.5443, 0.3002, 0.2977



57.5443, 0.3505, 0.3518

Complementary

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



57.5443, 0.2878, 0.3378



44.0872, 0.3450, 0.3204

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.



57.5443, 0.3493, 0.3365



57.5443, 0.2878, 0.3378



57.5443, 0.3198, 0.3059

Square

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



57.5443, 0.2878, 0.3378



57.5443, 0.2844, 0.2971



57.5443, 0.3379, 0.3199



57.5443, 0.3412, 0.3616

Rectangle

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



57.5443, 0.2878, 0.3378



57.5443, 0.2756, 0.3092



57.5443, 0.3379, 0.3199



57.5443, 0.3513, 0.3471

Sweetspot

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



57.5467, 0.2878, 0.3378



97.0455, 0.3048, 0.3315



56.9617, 0.3158, 0.3820



20.7059, 0.3040, 0.3318



0.0000, 0.0000, 0.0000



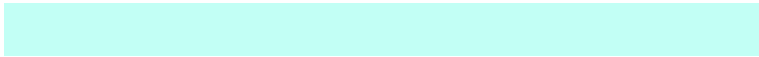
21.4041, 0.3127, 0.3290

Same Dimension

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



57.5467, 0.2878, 0.3378



89.5274, 0.2825, 0.3401



51.8010, 0.2824, 0.3123



13.3710, 0.3005, 0.3330



29.9960, 0.2399, 0.3836



1.6866, 0.2368, 0.3725

Inverse Universe

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



44.0872, 0.3450, 0.3204



64.1267, 0.3545, 0.3183



48.8253, 0.3484, 0.3451



11.8407, 0.3264, 0.3251



8.4453, 0.6134, 0.3153



0.4826, 0.5654, 0.2888

Previews

White Background



This preview shows how the Yxy color 57.5443, 0.2878, 0.3378 looks on a white background.

Color Contrast Check

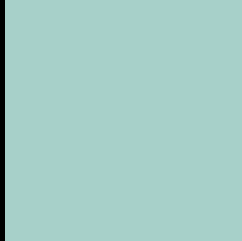
Large Text (above 18pt) WCAG AA × Fail

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 57.5443, 0.2878, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

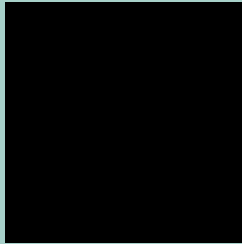
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

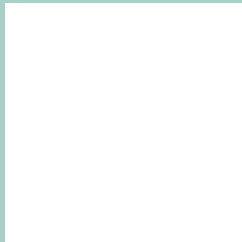
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.5443, 0.2878, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 57.5443, 0.2878, 0.3378.

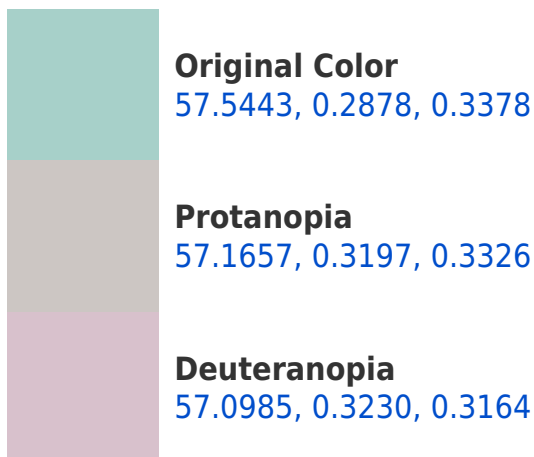


This preview shows how white text looks on a background with the Yxy color 57.5443, 0.2878, 0.3378.

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

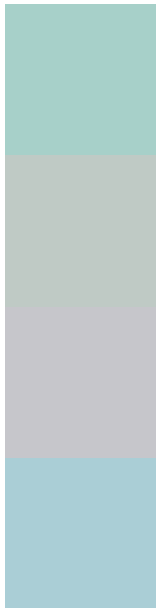




Tritanopia

57.5410, 0.2778, 0.3093

Trichromacy



Original Color

57.5443, 0.2878, 0.3378

Protanomaly

57.3486, 0.3078, 0.3351

Deuteranomaly

56.7057, 0.3091, 0.3230

Tritanomaly

57.5437, 0.2816, 0.3190

Monochromacy



Original Color

57.5443, 0.2878, 0.3378

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.6541, 0.3033, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5443, 0.2878, 0.3378 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(167, 208, 201)` looks like.

```
.text, #text, p{  
    color:rgb(167, 208, 201)  
}
```

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(167, 208, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 208, 201) }
```

Border

The CSS property to change the border of an element to Yxy 57.5443, 0.2878, 0.3378 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(167, 208, 201) }
```

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

```
.border{ border-color:rgb(167, 208, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 208, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 208, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 208, 201);  
box-shadow:4px 4px 4px 4px rgb(167, 208,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5443, 0.2878, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 208, 201) }
```

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

```
.background{ background-color: rgb(167,  
208, 201) }
```

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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