

Converting Colors

Yxy(58.2041, 0.2847, 0.3353)

Have a look what the booklet for
Yxy(58.2041, 0.2847, 0.3353)
contains.

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Color

Yxy(57.9599, 0.2847, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	A5D1CC
RGB	165, 209, 204
RGB Percent	65%, 82%, 80%
CMY	0.3527, 0.1804, 0.2000
CMYK	0.21, 0.00, 0.02, 0.18
HSL	173°, 32%, 73%
HSV	173°, 21%, 82%
XYZ	49.2279, 57.9599, 65.7236
YIQ	195.2740, -24.6190, -10.8830

Conversions

Conversions Part 2

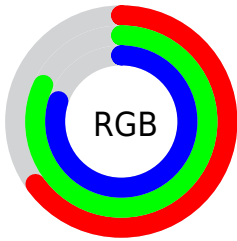
Format	Color
RYB	165, 188, 209
Decimal	10867148
CIELab	80.72, -15.34, -2.27
CIELCh	81, 15.510, 188.424
Yxy	57.9599, 0.2847, 0.3352
Android (android.graphics.Color)	4289057228 (0xFFA5D1CC)
YUV	195.2740, 4.3019, -26.5503
Hunter-Lab	76.1314, -17.8088, 2.1074

Details

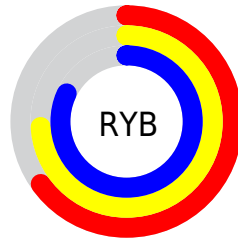
The Yxy color **57.9599, 0.2847, 0.3352** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.3938, 0.3499, 0.3229**, and the grayscale version is **54.7389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **28.7580, 0.2772, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **55.7873, 0.2728, 0.3385**, and if you desaturate by 10%, it is **60.5053, 0.2976, 0.3321**.

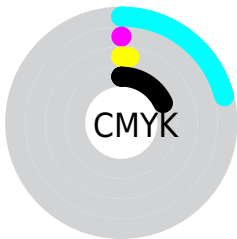
Distribution



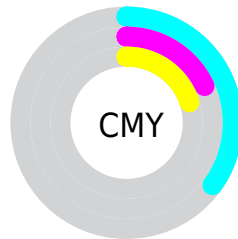
- Red (65%)
- Green (82%)
- Blue (80%)



- Red (65%)
- Yellow (74%)
- Blue (82%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)





- Cyan (35%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9599, 0.2847, 0.3352 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 57.9599, 0.2847, 0.3352 by changing the saturation by 10% instead.

 57.9599, 0.2847,
0.3352

 57.9599, 0.2847,
0.3352


417.0365, 0.2981,
0.3323

 41.7764, 0.2815,
0.3359


 101.8645, 0.2895,
0.3342

 28.9263, 0.2775,
0.3367


 130.3543, 0.2913,
0.3338

 19.0250, 0.2723,
0.3377


163.7151, 0.2928,
0.3335

 11.6884, 0.2653,
0.3391

202.3312, 0.2942,
0.3332

 6.5319, 0.2555,
0.3410

246.5870, 0.2954,
0.3329

 3.1711, 0.2405,
0.3436

296.8669, 0.2964,

 1.2217, 0.2144,

0.3327

0.3479

353.5552, 0.2973,
0.3325

0.0793, 0.0000,
0.2444

0.0000, 0.0000,
0.0000

57.9599, 0.2847,
0.3352

57.9599, 0.2847,
0.3352

55.7873, 0.2728,
0.3385

60.5053, 0.2976,
0.3321

53.9624, 0.2621,
0.3421

63.4328, 0.3113,
0.3293

52.4686, 0.2530,
0.3458

66.7604, 0.3254,
0.3267

51.2845, 0.2457,
0.3497

70.5027, 0.3397,
0.3244

■ 50.3868, 0.2402,
0.3536

■ 71.8058, 0.3428,
0.3221

■ 49.7484, 0.2367,
0.3575

■ 71.9292, 0.3410,
0.3197

■ 49.3373, 0.2350,
0.3615

■ 72.0544, 0.3393,
0.3173

■ 49.1103, 0.2347,
0.3649

■ 72.1813, 0.3375,
0.3150

■ 72.3101, 0.3358,
0.3126

Harmonies

Analogous

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



57.9599, 0.3015, 0.3526



57.9599, 0.2847, 0.3352



57.9599, 0.2754, 0.3166

Triad

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



57.9599, 0.2847, 0.3352



57.9599, 0.3027, 0.2974



57.9599, 0.3511, 0.3546

Complementary

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



57.9599, 0.2847, 0.3352



43.3938, 0.3499, 0.3229

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.



57.9599, 0.3516, 0.3394



57.9599, 0.2847, 0.3352



57.9599, 0.3232, 0.3070

Square

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



57.9599, 0.2847, 0.3352



57.9599, 0.2855, 0.2955



57.9599, 0.3412, 0.3221



57.9599, 0.3400, 0.3636

Rectangle

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



57.9599, 0.2847, 0.3352



57.9599, 0.2744, 0.3063



57.9599, 0.3412, 0.3221



57.9599, 0.3525, 0.3500

Sweetspot

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



57.9623, 0.2847, 0.3352



97.1015, 0.3043, 0.3307



56.8823, 0.3138, 0.3862



20.7191, 0.3034, 0.3309



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.



57.9623, 0.2847, 0.3352



89.3919, 0.2795, 0.3366



50.3766, 0.2802, 0.3073



13.3830, 0.2998, 0.3316



30.2929, 0.2346, 0.3644



1.7005, 0.2326, 0.3572

Inverse Universe

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



43.3938, 0.3499, 0.3229



62.7301, 0.3598, 0.3216



49.6903, 0.3505, 0.3497



11.8297, 0.3273, 0.3264



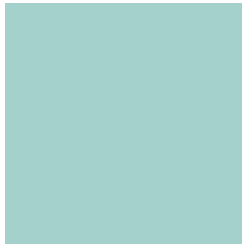
8.4051, 0.6253, 0.3218



0.4775, 0.5878, 0.3012

Previews

White Background



This preview shows how the Yxy color 57.9599, 0.2847, 0.3352 looks on a white background.

Color Contrast Check

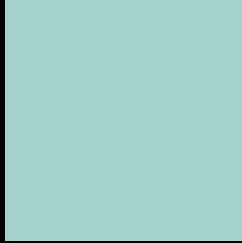
Large Text (above 18pt) WCAG AA × Fail

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 57.9599, 0.2847, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

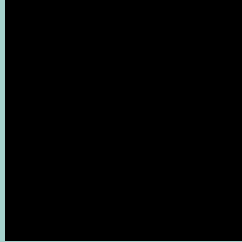
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

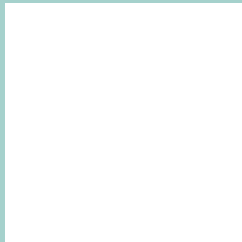
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9599, 0.2847, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 57.9599, 0.2847, 0.3352.

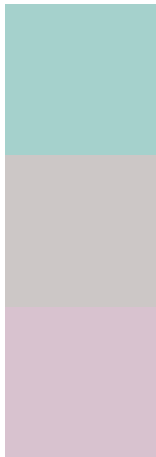


This preview shows how white text looks on a background with the Yxy color 57.9599, 0.2847, 0.3352.

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

57.9599, 0.2847, 0.3352

Protanopia

57.7614, 0.3174, 0.3302

Deuteranopia

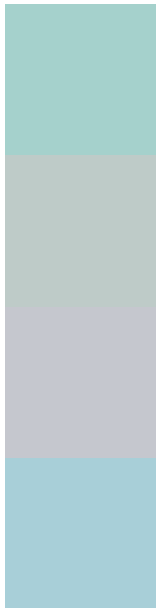
57.6875, 0.3206, 0.3142



Tritanopia

57.9053, 0.2754, 0.3081

Trichromacy



Original Color

57.9599, 0.2847, 0.3352

Protanomaly

57.8292, 0.3049, 0.3326

Deuteranomaly

57.1734, 0.3061, 0.3206

Tritanomaly

57.9083, 0.2791, 0.3178

Monochromacy



Original Color

57.9599, 0.2847, 0.3352

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.5761, 0.3019, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9599, 0.2847, 0.3352 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(165, 209, 204)` looks like.

```
.text, #text, p{  
    color:rgb(165, 209, 204)  
}
```

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(165, 209, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 209, 204) }
```

Border

The CSS property to change the border of an element to Yxy 57.9599, 0.2847, 0.3352 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(165, 209, 204) }
```

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

```
.border{ border-color:rgb(165, 209, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 209, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 209, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 209, 204);  
box-shadow:4px 4px 4px 4px rgb(165, 209,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9599, 0.2847, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 209, 204) }
```

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

```
.background{ background-color: rgb(165,  
209, 204) }
```

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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