

Converting Colors

$Yxy(58.4924, 0.2830, 0.3289)$

Have a look what the booklet for
Yxy(58.4924, 0.2830, 0.3289)
contains.

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Color

Yxy(58.4199, 0.2829, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	A7D1D1
RGB	167, 209, 209
RGB Percent	65%, 82%, 82%
CMY	0.3450, 0.1804, 0.1804
CMYK	0.20, 0.00, 0.00, 0.18
HSL	180°, 31%, 74%
HSV	180°, 20%, 82%
XYZ	50.2493, 58.4199, 68.9529
YIQ	196.4420, -25.0320, -8.9040

Conversions

Conversions Part 2

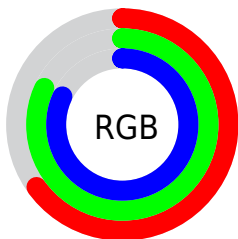
Format	Color
RYB	167, 188, 209
Decimal	10998225
CIELab	80.97, -13.68, -4.56
CIELCh	81, 14.423, 198.416
Yxy	58.4199, 0.2829, 0.3289
Android (android.graphics.Color)	4289188305 (0xFFA7D1D1)
YUV	196.4420, 6.1911, -25.8206
Hunter-Lab	76.4329, -16.4064, 0.0154

Details

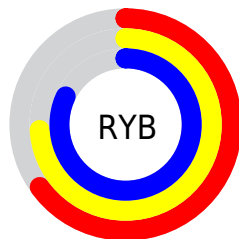
The Yxy color **58.4199, 0.2829, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.9960, 0.3523, 0.3291**, and the grayscale version is **55.4583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **29.3867, 0.2751, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **56.3246, 0.2697, 0.3289**, and if you desaturate by 10%, it is **60.8879, 0.2973, 0.3290**.

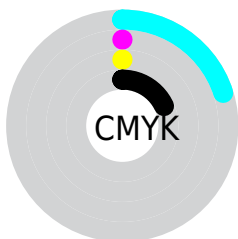
Distribution



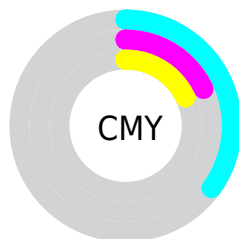
- Red (65%)
- Green (82%)
- Blue (82%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4199, 0.2829, 0.3289 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 58.4199, 0.2829, 0.3289 by changing the saturation by 10% instead.


 58.4199, 0.2829,
0.3289


 58.4199, 0.2829,
0.3289


418.7488, 0.2971,
0.3291

 42.1463, 0.2795,
0.3288


 102.5341, 0.2879,
0.3290

 29.2159, 0.2753,
0.3287


 131.1435, 0.2899,
0.3290

 19.2442, 0.2699,
0.3285


164.6336, 0.2915,
0.3291

 11.8469, 0.2626,
0.3281

203.3888, 0.2929,
0.3291

 6.6395, 0.2523,
0.3275

247.7935, 0.2942,
0.3291

 3.2377, 0.2368,
0.3262

298.2322, 0.2953,

 1.2570, 0.2109,

0.3291

355.0891, 0.2963,
0.3291

0.3232

0.1076, 0.0000,
0.1980

0.0000, 0.0000,
0.0000

58.4199, 0.2829,
0.3289

58.4199, 0.2829,
0.3289

56.3246, 0.2697,
0.3289

60.8879, 0.2973,
0.3290

54.5771, 0.2578,
0.3288

63.7378, 0.3126,
0.3290

53.1609, 0.2477,
0.3288

66.9876, 0.3284,
0.3291

52.0548, 0.2394,
0.3288

70.6518, 0.3445,
0.3291

■ 51.2357, 0.2331,
0.3287

■ 71.4738, 0.3479,
0.3291

■ 50.6771, 0.2286,
0.3287

■ 71.4757, 0.3479,
0.3291

■ 50.3473, 0.2259,
0.3287

■ 71.4777, 0.3479,
0.3291

■ 50.1890, 0.2246,
0.3287

■ 71.4796, 0.3479,
0.3291

■ 71.4815, 0.3479,
0.3291

Harmonies

Analogous

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



58.4199, 0.2966, 0.3460



58.4199, 0.2829, 0.3289



58.4199, 0.2771, 0.3125

Triad

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



58.4199, 0.2829, 0.3289



58.4199, 0.3097, 0.3019



58.4199, 0.3458, 0.3564

Complementary

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



58.4199, 0.2829, 0.3289



43.9960, 0.3523, 0.3291

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.



58.4199, 0.3497, 0.3438



58.4199, 0.2829, 0.3289



58.4199, 0.3285, 0.3128

Square

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



58.4199, 0.2829, 0.3289



58.4199, 0.2922, 0.2976



58.4199, 0.3433, 0.3280



58.4199, 0.3329, 0.3620

Rectangle

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



58.4199, 0.2829, 0.3289



58.4199, 0.2783, 0.3042



58.4199, 0.3433, 0.3280



58.4199, 0.3483, 0.3528

Sweetspot

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



58.4223, 0.2829, 0.3289



97.2110, 0.3034, 0.3290



56.6132, 0.3101, 0.3840



20.7451, 0.3024, 0.3290



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.



58.4223, 0.2829, 0.3289



90.1756, 0.2772, 0.3289



48.7947, 0.2812, 0.3020



13.4067, 0.2983, 0.3290



30.9429, 0.2246, 0.3287



1.7303, 0.2246, 0.3287

Inverse Universe

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



45.8057, 0.3150, 0.2795



66.9739, 0.3155, 0.2691



52.3201, 0.3474, 0.3546



12.0090, 0.3138, 0.3061



11.1950, 0.3210, 0.1542



0.6260, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 58.4199, 0.2829, 0.3289 looks on a white background.

Color Contrast Check

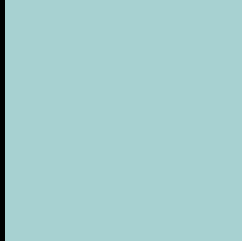
Large Text (above 18pt) WCAG AA × Fail

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 58.4199, 0.2829, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

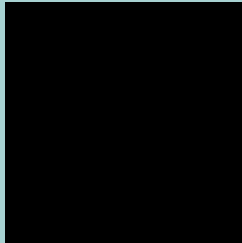
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

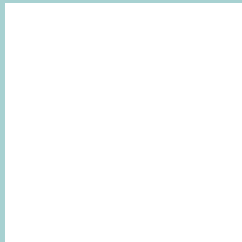
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4199, 0.2829, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 58.4199, 0.2829, 0.3289.

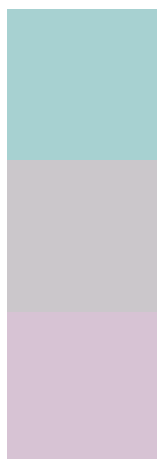


This preview shows how white text looks on a background with the Yxy color 58.4199, 0.2829, 0.3289.

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

58.4199, 0.2829, 0.3289

Protanopia

57.8552, 0.3129, 0.3243

Deuteranopia

58.2308, 0.3160, 0.3097



Tritanopia

58.4994, 0.2762, 0.3094

Trichromacy



Original Color

58.4199, 0.2829, 0.3289

Protanomaly

58.0668, 0.3015, 0.3266

Deuteranomaly

58.0175, 0.3034, 0.3160

Tritanomaly

58.6087, 0.2786, 0.3166

Monochromacy



Original Color

58.4199, 0.2829, 0.3289

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.3046, 0.3005, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4199, 0.2829, 0.3289 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, 209, 209)` looks like.

```
.text, #text, p{  
    color:rgb(167, 209, 209)  
}
```

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, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 209, 209) }
```

Border

The CSS property to change the border of an element to Yxy 58.4199, 0.2829, 0.3289 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, 209, 209) }
```

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

```
.border{ border-color:rgb(167, 209, 209) }
```

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

Here you see how a box with a 4 pixel rgb(167, 209, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(167, 209,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4199, 0.2829, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 209, 209) }
```

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

```
.background{ background-color: rgb(167,  
209, 209) }
```

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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