

Converting Colors

Yxy(59.0449, 0.2883, 0.3221)

Have a look what the booklet for
Yxy(59.0449, 0.2883, 0.3221)
contains.

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Color

Yxy(59.0134, 0.2884, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	B3CFD5
RGB	179, 207, 213
RGB Percent	70%, 81%, 84%
CMY	0.2979, 0.1883, 0.1646
CMYK	0.16, 0.03, 0.00, 0.16
HSL	191°, 29%, 77%
HSV	191°, 16%, 84%
XYZ	52.9212, 59.0134, 71.5648
YIQ	199.3120, -18.6140, -4.0700

Conversions

Conversions Part 2

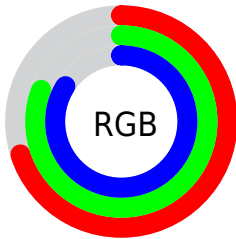
Format	Color
RYB	179, 194, 213
Decimal	11784149
CIELab	81.30, -8.05, -6.13
CIElCh	81, 10.123, 217.298
Yxy	59.0134, 0.2884, 0.3216
Android (android.graphics.Color)	4289974229 (0xFFB3CFD5)
YUV	199.3120, 6.7482, -17.8136
Hunter-Lab	76.8202, -11.4671, -1.4597

Details

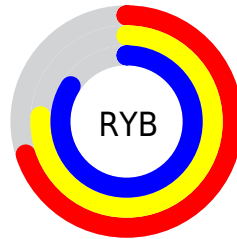
The Yxy color **59.0134, 0.2884, 0.3216** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.1294, 0.3416, 0.3363**, and the grayscale version is **57.2860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **29.6867, 0.2827, 0.3208** is the 20% darker color. If you saturate the color by 10%, you get **54.8615, 0.2738, 0.3164**, and if you desaturate by 10%, it is **63.6061, 0.3036, 0.3264**.

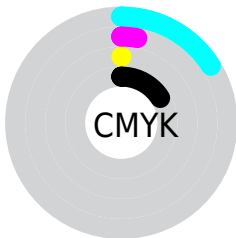
Distribution



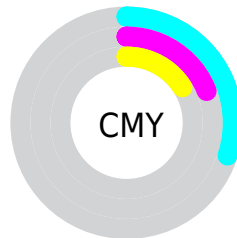
- Red (70%)
- Green (81%)
- Blue (84%)



- Red (70%)
- Yellow (76%)
- Blue (84%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (30%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0134, 0.2884, 0.3216 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 59.0134, 0.2884, 0.3216 by changing the saturation by 10% instead.

■ 59.0134, 0.2884,
0.3216

■ 59.0134, 0.2884,
0.3216

420.9516, 0.3000,
0.3253

■ 42.6239, 0.2857,
0.3207

■ 103.3971, 0.2925,
0.3229

■ 29.5901, 0.2822,
0.3195

132.1602, 0.2941,
0.3234

■ 19.5277, 0.2778,
0.3180

165.8165, 0.2954,
0.3238

■ 12.0522, 0.2719,
0.3160

204.7506, 0.2966,
0.3242

■ 6.7792, 0.2636,
0.3129

249.3467, 0.2976,
0.3245

■ 3.3244, 0.2510,
0.3081

299.9893, 0.2985,

■ 1.3034, 0.2300,

0.3248

0.2993

357.0628, 0.2993,
0.3251

0.1438, 0.0000,
0.1972

0.0000, 0.0000,
0.0000

59.0134, 0.2884,
0.3216

59.0134, 0.2884,
0.3216

54.8615, 0.2738,
0.3164

63.6061, 0.3036,
0.3264

51.1248, 0.2600,
0.3109

68.6494, 0.3190,
0.3307

47.7861, 0.2474,
0.3050

74.1617, 0.3344,
0.3346

44.8241, 0.2362,
0.2988

78.3628, 0.3427,
0.3383

■ 42.2152, 0.2268,
0.2925

■ 80.3932, 0.3421,
0.3420

■ 39.9327, 0.2192,
0.2861

■ 82.4689, 0.3415,
0.3458

■ 37.9457, 0.2136,
0.2797

■ 84.5901, 0.3409,
0.3495

■ 36.2160, 0.2098,
0.2733

■ 86.7571, 0.3403,
0.3532

■ 35.5608, 0.2086,
0.2708

■ 88.9703, 0.3397,
0.3568

Harmonies

Analogous

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



59.0134, 0.2948, 0.3336



59.0134, 0.2884, 0.3216



59.0134, 0.2883, 0.3120

Triad

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



59.0134, 0.2884, 0.3216



59.0134, 0.3191, 0.3143



59.0134, 0.3308, 0.3513

Complementary

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



59.0134, 0.2884, 0.3216



52.1294, 0.3416, 0.3363

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.



59.0134, 0.3377, 0.3455



59.0134, 0.2884, 0.3216



59.0134, 0.3308, 0.3242

Square

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



59.0134, 0.2884, 0.3216



59.0134, 0.3058, 0.3081



59.0134, 0.3377, 0.3356



59.0134, 0.3192, 0.3510

Rectangle

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



59.0134, 0.2884, 0.3216



59.0134, 0.2919, 0.3082



59.0134, 0.3377, 0.3356



59.0134, 0.3338, 0.3500

Sweetspot

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



59.0158, 0.2884, 0.3216



96.2274, 0.3049, 0.3268



60.6768, 0.3070, 0.3643



20.4862, 0.3039, 0.3265



0.0000, 0.0000, 0.0000



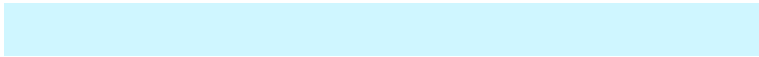
21.4041, 0.3127, 0.3290

Same Dimension

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



59.0158, 0.2884, 0.3216



86.5810, 0.2836, 0.3200



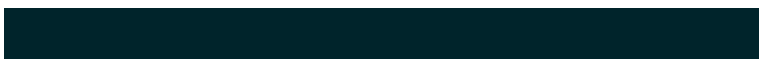
51.3781, 0.2875, 0.3009



13.7158, 0.2983, 0.3248



21.8529, 0.2088, 0.2717



1.4184, 0.2119, 0.2826

Inverse Universe

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



50.9086, 0.3194, 0.2965



72.3468, 0.3209, 0.2897



59.5021, 0.3385, 0.3557



12.5931, 0.3165, 0.3100



10.5509, 0.3712, 0.1819



0.6465, 0.3610, 0.1763

Previews

White Background



This preview shows how the Yxy color 59.0134, 0.2884, 0.3216 looks on a white background.

Color Contrast Check

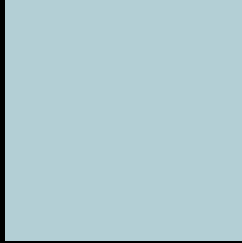
Large Text (above 18pt) WCAG AA × Fail

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 59.0134, 0.2884, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

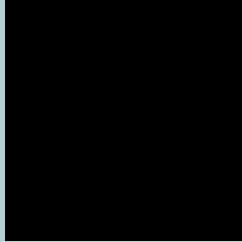
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

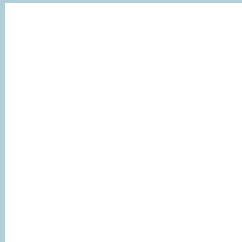
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0134, 0.2884, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 59.0134, 0.2884, 0.3216.

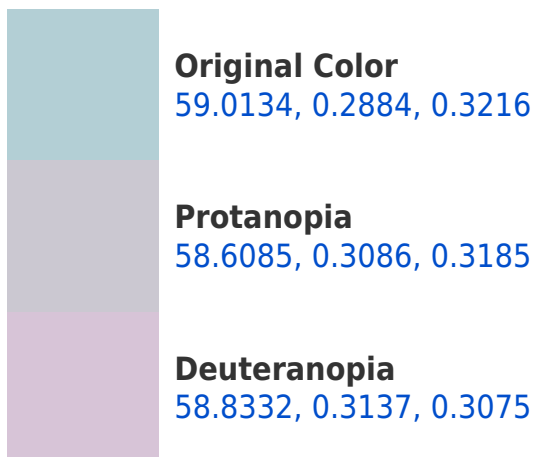


This preview shows how white text looks on a background with the Yxy color 59.0134, 0.2884, 0.3216.

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

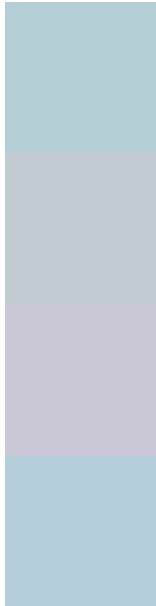




Tritanopia

59.2403, 0.2840, 0.3098

Trichromacy



Original Color

59.0134, 0.2884, 0.3216

Protanomaly

58.8343, 0.3010, 0.3206

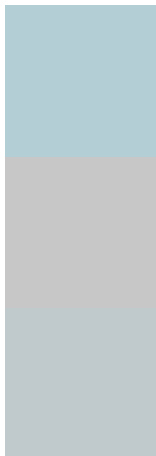
Deuteranomaly

58.7201, 0.3043, 0.3127

Tritanomaly

58.9604, 0.2852, 0.3133

Monochromacy



Original Color

59.0134, 0.2884, 0.3216

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.8072, 0.3037, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0134, 0.2884, 0.3216 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(179, 207, 213)` looks like.

```
.text, #text, p{  
    color:rgb(179, 207, 213)  
}
```

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(179, 207, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 207, 213) }
```

Border

The CSS property to change the border of an element to Yxy 59.0134, 0.2884, 0.3216 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(179, 207, 213) }
```

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

```
.border{ border-color:rgb(179, 207, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 207, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 207, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 207, 213);  
box-shadow:4px 4px 4px 4px rgb(179, 207,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0134, 0.2884, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 207, 213) }
```

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

```
.background{ background-color: rgb(179,  
207, 213) }
```

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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