

Converting Colors

Yxy(57.9630, 0.2822, 0.3114)

Have a look what the booklet for
Yxy(57.9630, 0.2822, 0.3114)
contains.

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Color

Yxy(58.0072, 0.2824, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	B0CDD8
RGB	176, 205, 219
RGB Percent	69%, 80%, 86%
CMY	0.3098, 0.1961, 0.1411
CMYK	0.20, 0.06, 0.00, 0.14
HSL	200°, 37%, 77%
HSV	200°, 20%, 86%
XYZ	52.5208, 58.0072, 75.4521
YIQ	197.9250, -21.7780, -1.7940

Conversions

Conversions Part 2

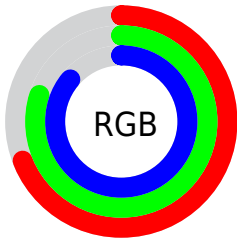
Format	Color
R _Y B	176, 193, 219
Decimal	11587035
CIE Lab	80.74, -6.70, -10.19
CIE LCh	81, 12.189, 236.683
Yxy	58.0072, 0.2824, 0.3119
Android (android.graphics.Color)	4289777115 (0xFFB0CDDB)
YUV	197.9250, 10.3900, -19.2282
Hunter-Lab	76.1625, -10.1927, -5.4233

Details

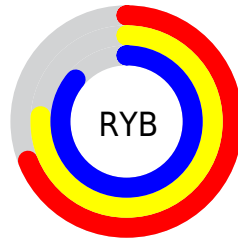
The Yxy color **58.0072, 0.2824, 0.3119** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.0199, 0.3483, 0.3455**, and the grayscale version is **56.3700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **29.0245, 0.2750, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **52.3258, 0.2671, 0.3019**, and if you desaturate by 10%, it is **64.2606, 0.2979, 0.3210**.

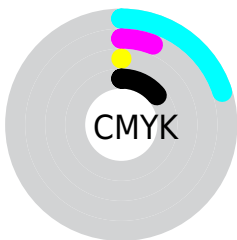
Distribution



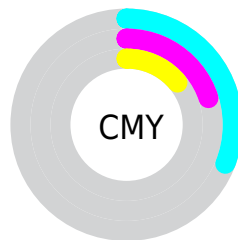
- Red (69%)
- Green (80%)
- Blue (86%)



- Red (69%)
- Yellow (76%)
- Blue (86%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (31%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.0072, 0.2824, 0.3119 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 58.0072, 0.2824, 0.3119 by changing the saturation by 10% instead.

■ 58.0072, 0.2824,
0.3119

■ 58.0072, 0.2824,
0.3119

417.2128, 0.2969,
0.3203

■ 41.8144, 0.2790,
0.3099

■ 101.9333, 0.2875,
0.3149

■ 28.9560, 0.2747,
0.3073

130.4355, 0.2895,
0.3160

■ 19.0476, 0.2692,
0.3040

163.8096, 0.2911,
0.3170

■ 11.7046, 0.2618,
0.2994

202.4400, 0.2926,
0.3178

■ 6.5429, 0.2515,
0.2928

246.7112, 0.2939,
0.3186

■ 3.1779, 0.2360,
0.2826

297.0074, 0.2950,

■ 1.2253, 0.2104,

0.3192

0.2648

353.7131, 0.2960,
0.3198

0.0822, 0.0000,
0.0930

0.0000, 0.0000,
0.0000

58.0072, 0.2824,
0.3119

58.0072, 0.2824,
0.3119

52.3258, 0.2671,
0.3019

64.2606, 0.2979,
0.3210

47.1875, 0.2524,
0.2912

71.0993, 0.3133,
0.3293

42.5714, 0.2386,
0.2797

78.5449, 0.3284,
0.3367

38.4518, 0.2260,
0.2677

84.9492, 0.3369,
0.3435

■ 34.8006, 0.2151,
0.2553

■ 89.0796, 0.3359,
0.3505

■ 31.5859, 0.2061,
0.2428

■ 93.3750, 0.3349,
0.3573

■ 28.7704, 0.1991,
0.2303

■ 97.8375, 0.3340,
0.3640

■ 26.2916, 0.1940,
0.2181

■ 97.8950, 0.3339,
0.3641

■ 26.2068, 0.1938,
0.2177

Harmonies

Analogous

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



58.0072, 0.2853, 0.3249



58.0072, 0.2824, 0.3119



58.0072, 0.2874, 0.3039

Triad

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



58.0072, 0.2824, 0.3119



58.0072, 0.3301, 0.3186



58.0072, 0.3259, 0.3568

Complementary

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



58.0072, 0.2824, 0.3119



55.0199, 0.3483, 0.3455

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.



58.0072, 0.3384, 0.3543



58.0072, 0.2824, 0.3119



58.0072, 0.3409, 0.3320

Square

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



58.0072, 0.2824, 0.3119



58.0072, 0.3147, 0.3080



58.0072, 0.3440, 0.3450



58.0072, 0.3102, 0.3514

Rectangle

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



58.0072, 0.2824, 0.3119



58.0072, 0.2946, 0.3023



58.0072, 0.3440, 0.3450



58.0072, 0.3307, 0.3568

Sweetspot

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



58.0096, 0.2824, 0.3119



94.0762, 0.3034, 0.3241



63.5979, 0.3015, 0.3653



20.0022, 0.3024, 0.3235



0.0000, 0.0000, 0.0000



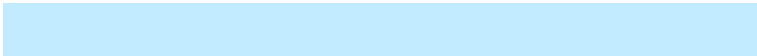
21.4041, 0.3127, 0.3290

Same Dimension

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



58.0096, 0.2824, 0.3119



78.1246, 0.2754, 0.3075



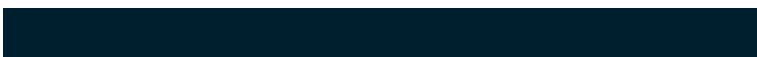
48.5737, 0.2808, 0.2853



14.0778, 0.2982, 0.3212



15.7450, 0.1943, 0.2195



1.1743, 0.1999, 0.2395

Inverse Universe

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



50.5164, 0.3264, 0.2957



65.7573, 0.3302, 0.2876



64.8454, 0.3438, 0.3692



13.1990, 0.3187, 0.3134



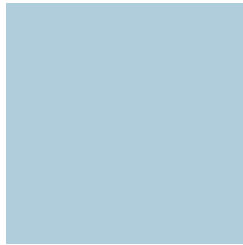
10.2132, 0.4238, 0.2108



0.6772, 0.4028, 0.1993

Previews

White Background



This preview shows how the Yxy color 58.0072, 0.2824, 0.3119 looks on a white background.

Color Contrast Check

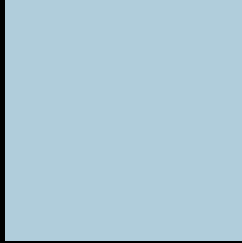
Large Text (above 18pt) WCAG AA × Fail

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 58.0072, 0.2824, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

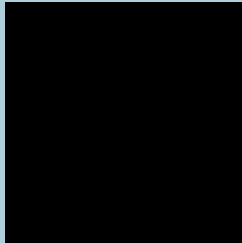
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

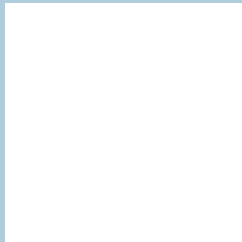
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0072, 0.2824, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 58.0072, 0.2824, 0.3119.



This preview shows how white text looks on a background with the Yxy color 58.0072, 0.2824, 0.3119.

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

58.0072, 0.2824, 0.3119

Protanopia

57.8953, 0.3013, 0.3102

Deuteranopia

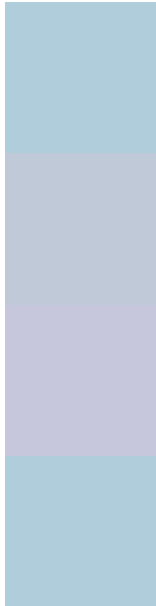
57.9523, 0.3055, 0.2994



Tritanopia

58.1132, 0.2812, 0.3095

Trichromacy



Original Color

58.0072, 0.2824, 0.3119

Protanomaly

57.8075, 0.2947, 0.3111

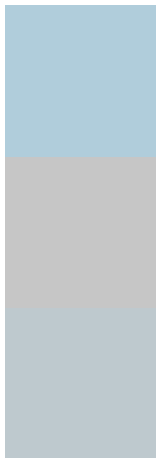
Deuteranomaly

58.0199, 0.2972, 0.3044

Tritanomaly

58.0601, 0.2818, 0.3107

Monochromacy



Original Color

58.0072, 0.2824, 0.3119

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.1767, 0.3008, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0072, 0.2824, 0.3119 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(176, 205, 219)` looks like.

```
.text, #text, p{  
    color:rgb(176, 205, 219)  
}
```

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(176, 205, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 205, 219) }
```

Border

The CSS property to change the border of an element to Yxy 58.0072, 0.2824, 0.3119 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(176, 205, 219) }
```

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

```
.border{ border-color:rgb(176, 205, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 205, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 205, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 205, 219);  
box-shadow:4px 4px 4px 4px rgb(176, 205,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0072, 0.2824, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 205, 219) }
```

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

```
.background{ background-color: rgb(176,  
205, 219) }
```

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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