

Converting Colors

$Y_{xy}(59.1217, 0.2858, 0.3130)$

Have a look what the booklet for
Yxy(59.1217, 0.2858, 0.3130)
contains.

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Color

Yxy(59.0808, 0.2859, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	B5CEDB
RGB	181, 206, 219
RGB Percent	71%, 81%, 86%
CMY	0.2902, 0.1921, 0.1412
CMYK	0.17, 0.06, 0.00, 0.14
HSL	201°, 35%, 78%
HSV	201°, 17%, 86%
XYZ	53.9138, 59.0808, 75.5812
YIQ	200.0070, -19.0730, -1.2570

Conversions

Conversions Part 2

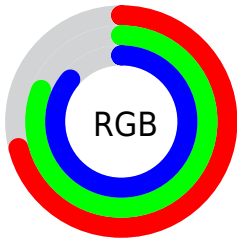
Format	Color
R_{YB}	181, 196, 219
Decimal	11914971
CIE _{Lab}	81.34, -5.66, -9.26
CIE _{LCh}	81, 10.854, 238.593
Yxy	59.0808, 0.2859, 0.3133
Android (android.graphics.Color)	4290105051 (0xFFB5CEDB)
YUV	200.0070, 9.3635, -16.6691
Hunter-Lab	76.8640, -9.3089, -4.4956

Details

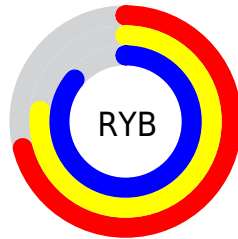
The Yxy color **59.0808, 0.2859, 0.3133** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9814, 0.3434, 0.3442**, and the grayscale version is **57.7150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **29.7260, 0.2795, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **53.1188, 0.2705, 0.3030**, and if you desaturate by 10%, it is **65.6358, 0.3014, 0.3227**.

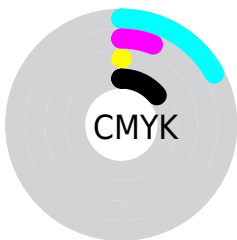
Distribution



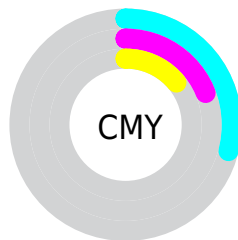
- Red (71%)
- Green (81%)
- Blue (86%)



- Red (71%)
- Yellow (77%)
- Blue (86%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0808, 0.2859, 0.3133 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 59.0808, 0.2859, 0.3133 by changing the saturation by 10% instead.

■ 59.0808, 0.2859,
0.3133

■ 59.0808, 0.2859,
0.3133

421.2013, 0.2987,
0.3209

■ 42.6782, 0.2829,
0.3115

■ 103.4951, 0.2904,
0.3160

■ 29.6327, 0.2791,
0.3091

132.2755, 0.2921,
0.3171

■ 19.5600, 0.2743,
0.3061

165.9507, 0.2936,
0.3179

■ 12.0756, 0.2678,
0.3020

204.9050, 0.2949,
0.3187

■ 6.7952, 0.2587,
0.2961

249.5228, 0.2960,
0.3194

■ 3.3343, 0.2451,
0.2871

300.1885, 0.2970,

■ 1.3087, 0.2225,

0.3200

0.2713

357.2866, 0.2979,
0.3205

0.1479, 0.0026,
0.1542

0.0000, 0.0000,
0.0000

59.0808, 0.2859,
0.3133

59.0808, 0.2859,
0.3133

53.1188, 0.2705,
0.3030

65.6358, 0.3014,
0.3227

47.7207, 0.2554,
0.2918

72.7968, 0.3167,
0.3312

42.8655, 0.2412,
0.2799

80.5857, 0.3317,
0.3387

38.5280, 0.2281,
0.2673

86.3487, 0.3366,
0.3459

■ 34.6803, 0.2165,
0.2543

■ 90.7530, 0.3355,
0.3532

■ 31.2911, 0.2068,
0.2411

■ 95.3403, 0.3345,
0.3603

■ 28.3242, 0.1991,
0.2280

■ 97.8946, 0.3339,
0.3641

■ 25.7315, 0.1935,
0.2151

■ 25.0872, 0.1921,
0.2117

Harmonies

Analogous

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



59.0808, 0.2880, 0.3246



59.0808, 0.2859, 0.3133



59.0808, 0.2908, 0.3065

Triad

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



59.0808, 0.2859, 0.3133



59.0808, 0.3289, 0.3205



59.0808, 0.3236, 0.3534

Complementary

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



59.0808, 0.2859, 0.3133



56.9814, 0.3434, 0.3442

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.



59.0808, 0.3349, 0.3517



59.0808, 0.2859, 0.3133



59.0808, 0.3381, 0.3325

Square

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



59.0808, 0.2859, 0.3133



59.0808, 0.3154, 0.3108



59.0808, 0.3403, 0.3439



59.0808, 0.3096, 0.3483

Rectangle

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



59.0808, 0.2859, 0.3133



59.0808, 0.2974, 0.3053



59.0808, 0.3403, 0.3439



59.0808, 0.3279, 0.3536

Sweetspot

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



59.0832, 0.2859, 0.3133



94.9102, 0.3050, 0.3247



64.3690, 0.3024, 0.3599



20.1654, 0.3039, 0.3241



0.0000, 0.0000, 0.0000



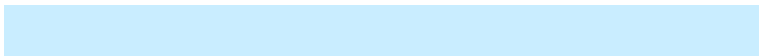
21.4041, 0.3127, 0.3290

Same Dimension

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



59.0832, 0.2859, 0.3133



80.0841, 0.2800, 0.3095



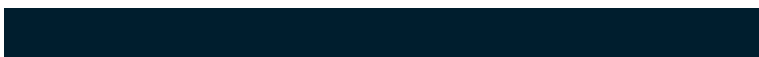
50.6222, 0.2848, 0.2901



14.0404, 0.2982, 0.3208



15.0860, 0.1927, 0.2136



1.1351, 0.1985, 0.2346

Inverse Universe

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



52.5659, 0.3250, 0.3004



69.3392, 0.3283, 0.2938



65.8194, 0.3398, 0.3651



13.1952, 0.3190, 0.3137



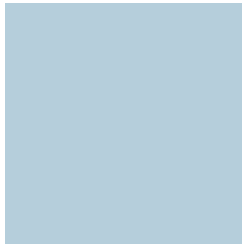
10.1467, 0.4302, 0.2143



0.6733, 0.4079, 0.2020

Previews

White Background



This preview shows how the Yxy color 59.0808, 0.2859, 0.3133 looks on a white background.

Color Contrast Check

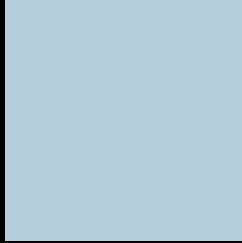
Large Text (above 18pt) WCAG AA × Fail

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 59.0808, 0.2859, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

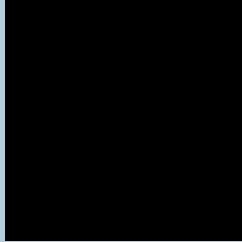
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

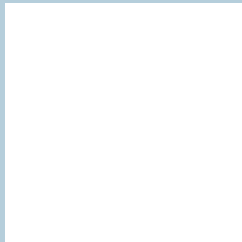
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0808, 0.2859, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 59.0808, 0.2859, 0.3133.

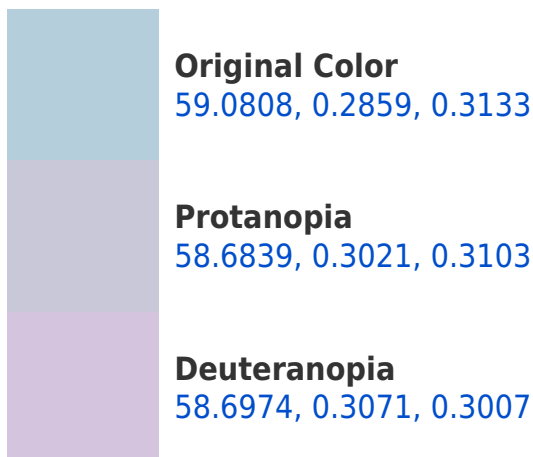


This preview shows how white text looks on a background with the Yxy color 59.0808, 0.2859, 0.3133.

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

59.3616, 0.2847, 0.3098

Trichromacy



Original Color

59.0808, 0.2859, 0.3133

Protanomaly

58.7201, 0.2963, 0.3113

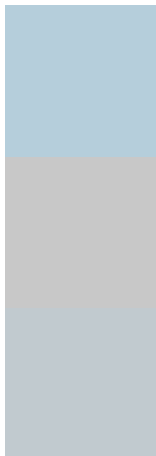
Deuteranomaly

58.8934, 0.2994, 0.3058

Tritanomaly

59.3082, 0.2853, 0.3110

Monochromacy



Original Color

59.0808, 0.2859, 0.3133

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0835, 0.3024, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0808, 0.2859, 0.3133 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(181, 206, 219)` looks like.

```
.text, #text, p{  
    color:rgb(181, 206, 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(181, 206, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 206, 219) }
```

Border

The CSS property to change the border of an element to Yxy 59.0808, 0.2859, 0.3133 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(181, 206, 219) }
```

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

```
.border{ border-color:rgb(181, 206, 219) }
```

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

Here you see how a box with a 4 pixel rgb(181, 206, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 206, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 206, 219);  
box-shadow:4px 4px 4px 4px rgb(181, 206,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0808, 0.2859, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 206, 219) }
```

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

```
.background{ background-color: rgb(181,  
206, 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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