

Converting Colors

Yxy(59.2280, 0.2888, 0.3241)

Have a look what the booklet for
Yxy(59.2280, 0.2888, 0.3241)
contains.

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Color

Yxy(59.3302, 0.2884, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	B2D0D4
RGB	178, 208, 212
RGB Percent	70%, 82%, 83%
CMY	0.3020, 0.1843, 0.1687
CMYK	0.16, 0.02, 0.00, 0.17
HSL	187°, 28%, 76%
HSV	187°, 16%, 83%
XYZ	52.7949, 59.3302, 70.9363
YIQ	199.4860, -19.1640, -5.1160

Conversions

Conversions Part 2

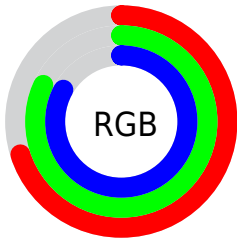
Format	Color
RYB	178, 194, 212
Decimal	11718868
CIELab	81.47, -9.13, -5.32
CIElCh	81, 10.568, 210.249
Yxy	59.3302, 0.2884, 0.3241
Android (android.graphics.Color)	4289908948 (0xFFB2D0D4)
YUV	199.4860, 6.1694, -18.8432
Hunter-Lab	77.0261, -12.4489, -0.6842

Details

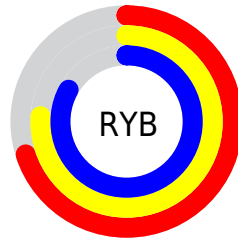
The Yxy color **59.3302, 0.2884, 0.3241** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.6435, 0.3421, 0.3338**, and the grayscale version is **57.3962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **29.9055, 0.2828, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **55.8205, 0.2741, 0.3207**, and if you desaturate by 10%, it is **63.2510, 0.3034, 0.3272**.

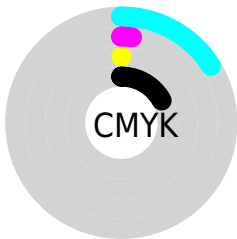
Distribution



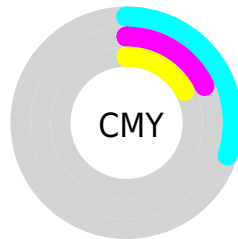
- Red (70%)
- Green (82%)
- Blue (83%)



- Red (70%)
- Yellow (76%)
- Blue (83%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (30%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3302, 0.2884, 0.3241 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 59.3302, 0.2884, 0.3241 by changing the saturation by 10% instead.

■ 59.3302, 0.2884,
0.3241

■ 59.3302, 0.2884,
0.3241

422.1245, 0.3000,
0.3266

■ 42.8790, 0.2857,
0.3235

■ 103.8574, 0.2925,
0.3250

■ 29.7902, 0.2822,
0.3227

132.7022, 0.2941,
0.3253

■ 19.6794, 0.2778,
0.3216

166.4470, 0.2954,
0.3256

■ 12.1622, 0.2719,
0.3202

205.4762, 0.2966,
0.3259

■ 6.8542, 0.2636,
0.3180

250.1741, 0.2976,
0.3261

■ 3.3711, 0.2511,
0.3146

300.9252, 0.2985,

■ 1.3284, 0.2302,

0.3263

0.3081

358.1139, 0.2993,
0.3264

0.1630, 0.0000,
0.2287

0.0000, 0.0000,
0.0000

59.3302, 0.2884,
0.3241

59.3302, 0.2884,
0.3241

55.8205, 0.2741,
0.3207

63.2510, 0.3034,
0.3272

52.6967, 0.2608,
0.3171

67.5922, 0.3189,
0.3301

49.9421, 0.2488,
0.3133

72.3720, 0.3345,
0.3327

47.5357, 0.2384,
0.3093

76.0996, 0.3442,
0.3351

■ 45.4545, 0.2298,
0.3053

■ 77.3899, 0.3438,
0.3376

■ 43.6724, 0.2231,
0.3012

■ 78.6994, 0.3434,
0.3401

■ 42.1590, 0.2183,
0.2971

■ 80.0281, 0.3429,
0.3425

■ 40.8765, 0.2152,
0.2931

■ 81.3762, 0.3425,
0.3450

■ 40.4037, 0.2143,
0.2915

■ 82.7438, 0.3421,
0.3474

Harmonies

Analogous

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



59.3302, 0.2965, 0.3367



59.3302, 0.2884, 0.3241



59.3302, 0.2867, 0.3132

Triad

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



59.3302, 0.2884, 0.3241



59.3302, 0.3161, 0.3117



59.3302, 0.3338, 0.3513

Complementary

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



59.3302, 0.2884, 0.3241



50.6435, 0.3421, 0.3338

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.



59.3302, 0.3394, 0.3440



59.3302, 0.2884, 0.3241



59.3302, 0.3291, 0.3213

Square

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



59.3302, 0.2884, 0.3241



59.3302, 0.3025, 0.3065



59.3302, 0.3377, 0.3331



59.3302, 0.3226, 0.3527

Rectangle

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



59.3302, 0.2884, 0.3241



59.3302, 0.2894, 0.3084



59.3302, 0.3377, 0.3331



59.3302, 0.3364, 0.3495

Sweetspot

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



59.3327, 0.2884, 0.3241



96.7169, 0.3049, 0.3275



59.8886, 0.3084, 0.3674



20.6055, 0.3038, 0.3273



0.0000, 0.0000, 0.0000



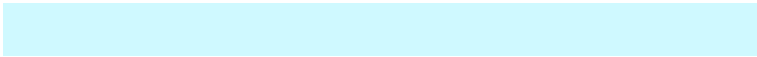
21.4041, 0.3127, 0.3290

Same Dimension

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



59.3327, 0.2884, 0.3241



88.3900, 0.2838, 0.3231



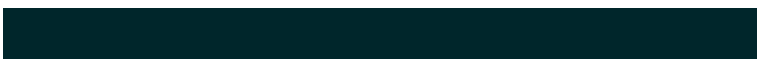
51.7328, 0.2875, 0.3036



13.8491, 0.2983, 0.3262



25.0466, 0.2145, 0.2921



1.5823, 0.2164, 0.2990

Inverse Universe

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



50.3851, 0.3177, 0.2940



72.5295, 0.3188, 0.2869



57.7686, 0.3391, 0.3532



12.6066, 0.3155, 0.3087



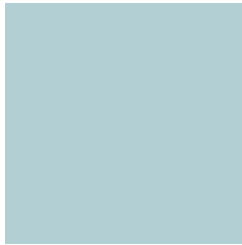
10.8733, 0.3525, 0.1715



0.6631, 0.3463, 0.1681

Previews

White Background



This preview shows how the Yxy color 59.3302, 0.2884, 0.3241 looks on a white background.

Color Contrast Check

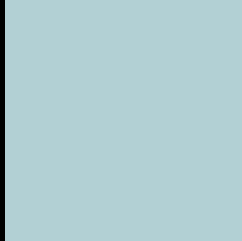
Large Text (above 18pt) WCAG AA × Fail

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 59.3302, 0.2884, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

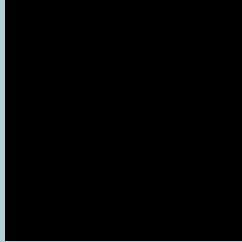
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

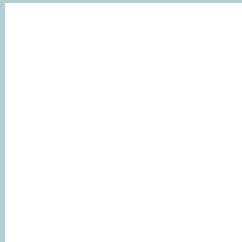
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3302, 0.2884, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 59.3302, 0.2884, 0.3241.



This preview shows how white text looks on a background with the Yxy color 59.3302, 0.2884, 0.3241.

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

59.3302, 0.2884, 0.3241

Protanopia

59.1647, 0.3100, 0.3208

Deuteranopia

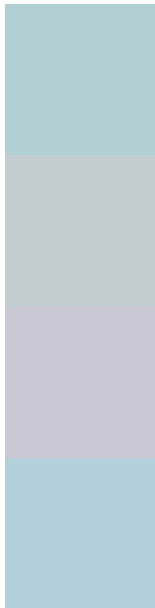
58.9338, 0.3152, 0.3086



Tritanopia

59.1736, 0.2827, 0.3086

Trichromacy



Original Color

59.3302, 0.2884, 0.3241

Protanomaly

59.3913, 0.3025, 0.3230

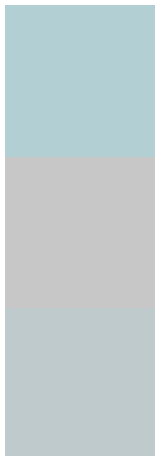
Deuteranomaly

58.6692, 0.3050, 0.3138

Tritanomaly

59.3238, 0.2846, 0.3145

Monochromacy



Original Color

59.3302, 0.2884, 0.3241

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.6771, 0.3029, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3302, 0.2884, 0.3241 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(178, 208, 212)` looks like.

```
.text, #text, p{  
    color:rgb(178, 208, 212)  
}
```

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(178, 208, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 208, 212) }
```

Border

The CSS property to change the border of an element to Yxy 59.3302, 0.2884, 0.3241 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(178, 208, 212) }
```

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

```
.border{ border-color:rgb(178, 208, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 208, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 208, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 208, 212);  
box-shadow:4px 4px 4px 4px rgb(178, 208,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3302, 0.2884, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 208, 212) }
```

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

```
.background{ background-color: rgb(178,  
208, 212) }
```

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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