

Converting Colors

$Yxy(58.8865, 0.2953, 0.3261)$

Have a look what the booklet for
Yxy(58.8865, 0.2953, 0.3261)
contains.

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Color

Yxy(58.8870, 0.2951, 0.3265)

Conversions

Conversions Part 1

Format	Color
Hex	B8CED0
RGB	184, 206, 208
RGB Percent	72%, 81%, 82%
CMY	0.2785, 0.1921, 0.1842
CMYK	0.12, 0.01, 0.00, 0.18
HSL	185°, 20%, 77%
HSV	185°, 12%, 82%
XYZ	53.2237, 58.8870, 68.2476
YIQ	199.6500, -13.7540, -4.0420

Conversions

Conversions Part 2

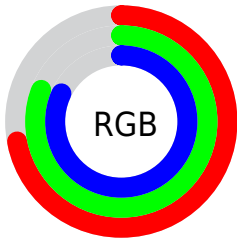
Format	Color
RYB	184, 195, 208
Decimal	12111568
CIELab	81.23, -6.97, -3.52
CIELCh	81, 7.811, 206.822
Yxy	58.8870, 0.2951, 0.3265
Android (android.graphics.Color)	4290301648 (0xFFB8CED0)
YUV	199.6500, 4.1166, -13.7250
Hunter-Lab	76.7379, -10.4875, 0.9863

Details

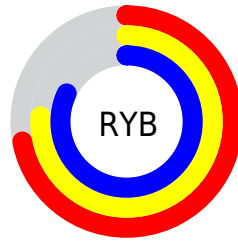
The Yxy color **58.8870, 0.2951, 0.3265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9940, 0.3330, 0.3315**, and the grayscale version is **57.5141, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **29.6149, 0.2906, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **55.6714, 0.2806, 0.3241**, and if you desaturate by 10%, it is **62.4946, 0.3103, 0.3287**.

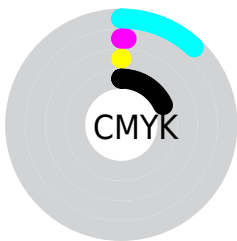
Distribution



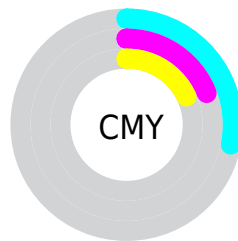
- Red (72%)
- Green (81%)
- Blue (82%)



- Red (72%)
- Yellow (76%)
- Blue (82%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (28%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8870, 0.2951, 0.3265 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 58.8870, 0.2951, 0.3265 by changing the saturation by 10% instead.


 58.8870, 0.2951,
0.3265

 58.8870, 0.2951,
0.3265

420.4830, 0.3035,
0.3278

 42.5222, 0.2931,
0.3262

 103.2134, 0.2981,
0.3270

 29.5104, 0.2906,
0.3258

131.9438, 0.2992,
0.3271

 19.4672, 0.2873,
0.3252


165.5648, 0.3002,
0.3273

 12.0084, 0.2830,
0.3245

204.4608, 0.3010,
0.3274

 6.7494, 0.2768,
0.3234

249.0162, 0.3018,
0.3275

 3.3059, 0.2675,
0.3215

299.6155, 0.3024,

 1.2934, 0.2516,

0.3276

356.6430, 0.3030,
0.3277

0.3181

0.1361, 0.0000,
0.2565

0.0000, 0.0000,
0.0000

58.8870, 0.2951,
0.3265

58.8870, 0.2951,
0.3265

55.6714, 0.2806,
0.3241

62.4946, 0.3103,
0.3287

52.8239, 0.2670,
0.3216

66.5023, 0.3259,
0.3307

50.3294, 0.2547,
0.3189

70.9270, 0.3416,
0.3324

48.1687, 0.2439,
0.3162

73.3949, 0.3479,
0.3342

■ 46.3208, 0.2349,
0.3133

■ 74.2772, 0.3476,
0.3359

■ 44.7622, 0.2277,
0.3104

■ 75.1689, 0.3473,
0.3377

■ 43.4662, 0.2225,
0.3075

■ 76.0701, 0.3470,
0.3395

■ 42.4005, 0.2191,
0.3047

■ 76.9808, 0.3467,
0.3412

■ 41.6317, 0.2173,
0.3023

■ 77.9011, 0.3463,
0.3430

Harmonies

Analogous

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



58.8870, 0.3016, 0.3357



58.8870, 0.2951, 0.3265



58.8870, 0.2933, 0.3182

Triad

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



58.8870, 0.2951, 0.3265



58.8870, 0.3141, 0.3155



58.8870, 0.3291, 0.3452

Complementary

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



58.8870, 0.2951, 0.3265



51.9940, 0.3330, 0.3315

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.



58.8870, 0.3326, 0.3394



58.8870, 0.2951, 0.3265



58.8870, 0.3239, 0.3224

Square

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



58.8870, 0.2951, 0.3265



58.8870, 0.3041, 0.3120



58.8870, 0.3307, 0.3311



58.8870, 0.3212, 0.3466

Rectangle

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



58.8870, 0.2951, 0.3265



58.8870, 0.2949, 0.3142



58.8870, 0.3307, 0.3311



58.8870, 0.3308, 0.3437

Sweetspot

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



58.8895, 0.2951, 0.3265



98.1692, 0.3080, 0.3284



58.8558, 0.3099, 0.3564



20.9096, 0.3068, 0.3282



0.0000, 0.0000, 0.0000



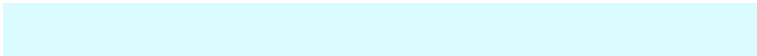
21.4041, 0.3127, 0.3290

Same Dimension

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



58.8895, 0.2951, 0.3265



91.9513, 0.2912, 0.3259



53.3297, 0.2948, 0.3117



13.2304, 0.2983, 0.3270



26.0111, 0.2174, 0.3027



1.5055, 0.2189, 0.3079

Inverse Universe

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



52.1470, 0.3156, 0.3031



79.1084, 0.3163, 0.2971



57.2652, 0.3312, 0.3457



11.9912, 0.3150, 0.3080



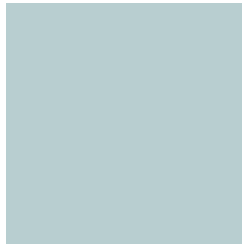
10.6971, 0.3430, 0.1663



0.6033, 0.3385, 0.1638

Previews

White Background



This preview shows how the Yxy color 58.8870, 0.2951, 0.3265 looks on a white background.

Color Contrast Check

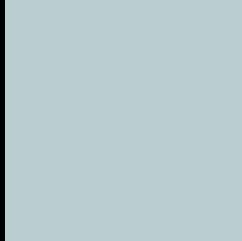
Large Text (above 18pt) WCAG AA × Fail

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 58.8870, 0.2951, 0.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

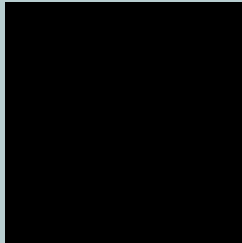
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

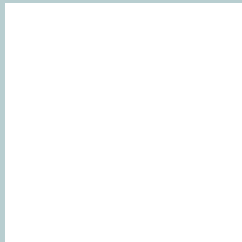
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8870, 0.2951, 0.3265

Background



This preview shows how black text looks on a background with the Yxy color 58.8870, 0.2951, 0.3265.



This preview shows how white text looks on a background with the Yxy color 58.8870, 0.2951, 0.3265.

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

58.8870, 0.2951, 0.3265

Protanopia

58.5537, 0.3122, 0.3231

Deuteranopia

58.4351, 0.3191, 0.3120



Tritanopia

58.7921, 0.2886, 0.3099

Trichromacy



Original Color

58.8870, 0.2951, 0.3265

Protanomaly

58.5676, 0.3061, 0.3242

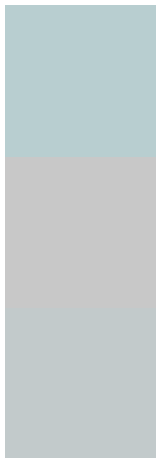
Deuteranomaly

58.4294, 0.3102, 0.3173

Tritanomaly

58.9348, 0.2906, 0.3157

Monochromacy



Original Color

58.8870, 0.2951, 0.3265

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0222, 0.3059, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8870, 0.2951, 0.3265 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(184, 206, 208)` looks like.

```
.text, #text, p{  
    color:rgb(184, 206, 208)  
}
```

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(184, 206, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 206, 208) }
```

Border

The CSS property to change the border of an element to Yxy 58.8870, 0.2951, 0.3265 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(184, 206, 208) }
```

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

```
.border{ border-color:rgb(184, 206, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 206, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 206, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 206, 208); box-shadow:4px 4px 4px 4px rgb(184, 206, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8870, 0.2951, 0.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 206, 208) }
```

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

```
.background{ background-color: rgb(184,  
206, 208) }
```

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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