

Converting Colors

Yxy(58.9838, 0.2987, 0.3314)

Have a look what the booklet for
Yxy(58.9838, 0.2987, 0.3314)
contains.

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Color

Yxy(58.8165, 0.2985, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	B9CECC
RGB	185, 206, 204
RGB Percent	73%, 81%, 80%
CMY	0.2745, 0.1921, 0.2000
CMYK	0.10, 0.00, 0.01, 0.19
HSL	174°, 18%, 77%
HSV	174°, 10%, 81%
XYZ	52.9774, 58.8165, 65.6849
YIQ	199.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

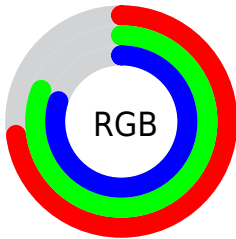
Format	Color
RYB	185, 196, 206
Decimal	12177100
CIELab	81.19, -7.44, -1.42
CIELCh	81, 7.575, 190.817
Yxy	58.8165, 0.2985, 0.3314
Android (android.graphics.Color)	4290367180 (0xFFB9CECC)
YUV	199.4930, 2.2220, -12.7104
Hunter-Lab	76.6919, -10.9062, 2.9038

Details

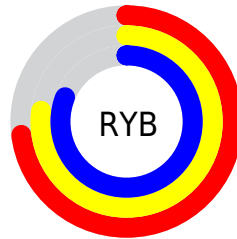
The Yxy color **58.8165, 0.2985, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4090, 0.3289, 0.3266**, and the grayscale version is **57.4238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **29.5640, 0.2950, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **56.3459, 0.2853, 0.3340**, and if you desaturate by 10%, it is **61.6645, 0.3124, 0.3290**.

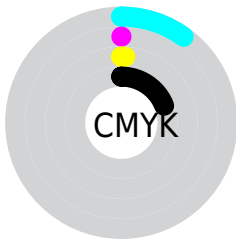
Distribution



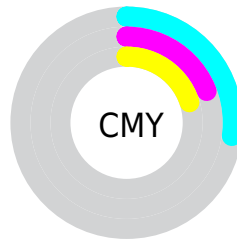
- Red (73%)
- Green (81%)
- Blue (80%)



- Red (73%)
- Yellow (77%)
- Blue (81%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)





- Cyan (27%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8165, 0.2985, 0.3314 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 58.8165, 0.2985, 0.3314 by changing the saturation by 10% instead.


 58.8165, 0.2985,
0.3314

 58.8165, 0.2985,
0.3314


420.2216, 0.3053,
0.3303

 42.4654, 0.2969,
0.3317


 103.1109, 0.3009,
0.3310

 29.4659, 0.2948,
0.3320


131.8230, 0.3018,
0.3309

 19.4335, 0.2922,
0.3324


165.4243, 0.3026,
0.3307

 11.9840, 0.2886,
0.3329

204.2991, 0.3033,
0.3306

 6.7328, 0.2836,
0.3337

248.8318, 0.3039,
0.3305

 3.2955, 0.2759,
0.3348

299.4069, 0.3044,

 1.2879, 0.2627,

0.3304

356.4087, 0.3049,
0.3304

0.3365

0.1318, 0.0000,
0.3518

0.0000, 0.0000,
0.0000

58.8165, 0.2985,
0.3314

58.8165, 0.2985,
0.3314

56.3459, 0.2853,
0.3340

61.6645, 0.3124,
0.3290

54.2293, 0.2731,
0.3368

64.8973, 0.3268,
0.3269

52.4522, 0.2621,
0.3397

68.5316, 0.3414,
0.3250

50.9961, 0.2528,
0.3428

70.1521, 0.3463,
0.3231

■ 49.8408, 0.2451,
0.3460

■ 70.2520, 0.3448,
0.3211

■ 48.9638, 0.2394,
0.3493

■ 70.3531, 0.3433,
0.3191

■ 48.3395, 0.2356,
0.3526

■ 70.4554, 0.3418,
0.3171

■ 47.9374, 0.2336,
0.3558

■ 70.5590, 0.3403,
0.3151

■ 47.7038, 0.2331,
0.3590

■ 70.6638, 0.3389,
0.3132

Harmonies

Analogous

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



58.8165, 0.3066, 0.3397



58.8165, 0.2985, 0.3314



58.8165, 0.2942, 0.3226

Triad

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



58.8165, 0.2985, 0.3314



58.8165, 0.3087, 0.3136



58.8165, 0.3310, 0.3421

Complementary

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



58.8165, 0.2985, 0.3314



51.4090, 0.3289, 0.3266

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.



58.8165, 0.3316, 0.3350



58.8165, 0.2985, 0.3314



58.8165, 0.3187, 0.3187

Square

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



58.8165, 0.2985, 0.3314



58.8165, 0.3000, 0.3124



58.8165, 0.3271, 0.3264



58.8165, 0.3254, 0.3459

Rectangle

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



58.8165, 0.2985, 0.3314



58.8165, 0.2940, 0.3176



58.8165, 0.3271, 0.3264



58.8165, 0.3318, 0.3400

Sweetspot

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



58.8190, 0.2985, 0.3314



98.5309, 0.3084, 0.3297



58.2254, 0.3131, 0.3550



21.0077, 0.3073, 0.3299



0.0000, 0.0000, 0.0000



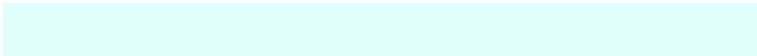
21.4041, 0.3127, 0.3290

Same Dimension

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



58.8190, 0.2985, 0.3314



94.4644, 0.2959, 0.3319



54.9779, 0.2971, 0.3186



12.7078, 0.2996, 0.3312



29.3807, 0.2329, 0.3585



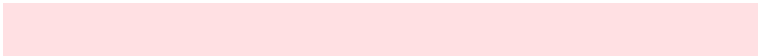
1.5212, 0.2312, 0.3522

Inverse Universe

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



51.4090, 0.3289, 0.3266



80.3506, 0.3325, 0.3261



54.9435, 0.3294, 0.3391



11.2308, 0.3275, 0.3268



8.1169, 0.6281, 0.3234



0.4248, 0.5932, 0.3042

Previews

White Background



This preview shows how the Yxy color 58.8165, 0.2985, 0.3314 looks on a white background.

Color Contrast Check

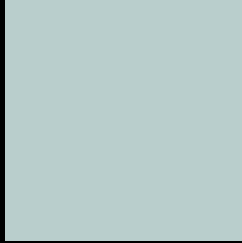
Large Text (above 18pt) WCAG AA × Fail

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 58.8165, 0.2985, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

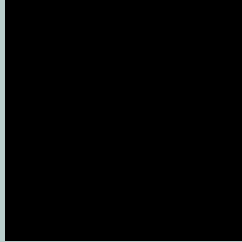
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

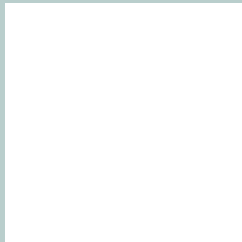
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8165, 0.2985, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 58.8165, 0.2985, 0.3314.



This preview shows how white text looks on a background with the Yxy color 58.8165, 0.2985, 0.3314.

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

58.8165, 0.2985, 0.3314

Protanopia

58.5047, 0.3159, 0.3278

Deuteranopia

58.5465, 0.3237, 0.3165



Tritanopia

59.0444, 0.2900, 0.3100

Trichromacy



Original Color

58.8165, 0.2985, 0.3314

Protanomaly

58.5111, 0.3096, 0.3290

Deuteranomaly

58.5200, 0.3146, 0.3220

Tritanomaly

59.0825, 0.2933, 0.3182

Monochromacy



Original Color

58.8165, 0.2985, 0.3314

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.9274, 0.3073, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8165, 0.2985, 0.3314 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(185, 206, 204) looks like.

```
.text, #text, p{  
    color:rgb(185, 206, 204)  
}
```

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(185, 206, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 206, 204) }
```

Border

The CSS property to change the border of an element to Yxy 58.8165, 0.2985, 0.3314 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(185, 206, 204) }
```

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

```
.border{ border-color:rgb(185, 206, 204) }
```

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

Here you see how a box with a 4 pixel rgb(185, 206, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 206, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 206, 204);  
box-shadow:4px 4px 4px 4px rgb(185, 206,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8165, 0.2985, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 206, 204) }
```

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

```
.background{ background-color: rgb(185,  
206, 204) }
```

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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