

Converting Colors

$Yxy(59.5879, 0.2981, 0.3394)$

Have a look what the booklet for
Yxy(59.5879, 0.2981, 0.3394)
contains.

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Color

Yxy(59.5948, 0.2983, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	B5D1C8
RGB	181, 209, 200
RGB Percent	71%, 82%, 78%
CMY	0.2901, 0.1804, 0.2156
CMYK	0.13, 0.00, 0.04, 0.18
HSL	161°, 23%, 76%
HSV	161°, 13%, 82%
XYZ	52.2857, 59.5948, 63.3984
YIQ	199.6020, -13.7990, -8.7350

Conversions

Conversions Part 2

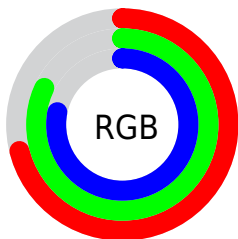
Format	Color
RYB	181, 198, 209
Decimal	11915720
CIELab	81.62, -11.08, 1.30
CIElCh	82, 11.154, 173.315
Yxy	59.5948, 0.2983, 0.3400
Android (android.graphics.Color)	4290105800 (0xFFB5D1C8)
YUV	199.6020, 0.1962, -16.3140
Hunter-Lab	77.1977, -14.1986, 5.3466

Details

The Yxy color **59.5948, 0.2983, 0.3400** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.3278, 0.3296, 0.3183**, and the grayscale version is **57.5099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **30.1072, 0.2948, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **56.9501, 0.2881, 0.3492**, and if you desaturate by 10%, it is **62.6372, 0.3090, 0.3316**.

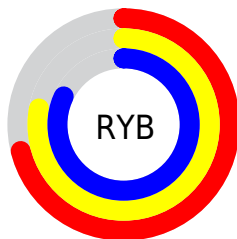
Distribution



Red (71%)

Green (82%)

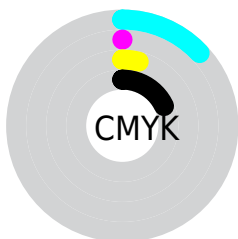
Blue (78%)



Red (71%)

Yellow (78%)

Blue (82%)

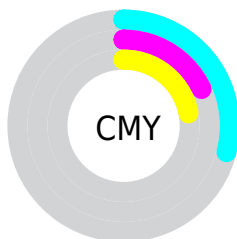


Cyan (13%)

Magenta (0%)

Yellow (4%)

Black (18%)



Cyan (29%)

Magenta (18%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5948, 0.2983, 0.3400 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 59.5948, 0.2983, 0.3400 by changing the saturation by 10% instead.

 59.5948, 0.2983,
0.3400

 59.5948, 0.2983,
0.3400

423.1026, 0.3052,
0.3347

 43.0921, 0.2966,
0.3413

 104.2416, 0.3008,
0.3381

 29.9574, 0.2946,
0.3429


133.1546, 0.3017,
0.3374

 19.8063, 0.2919,
0.3449


166.9731, 0.3025,
0.3368

 12.2543, 0.2882,
0.3478

206.0815, 0.3032,
0.3363

 6.9171, 0.2831,
0.3518

250.8643, 0.3038,
0.3358

 3.4103, 0.2752,
0.3580

301.7058, 0.3043,

 1.3495, 0.2615,

0.3354

0.3688

358.9905, 0.3048,
0.3350

0.1791, 0.0000,
0.6322

0.0000, 0.0000,
0.0000

59.5948, 0.2983,
0.3400

59.5948, 0.2983,
0.3400

56.9501, 0.2881,
0.3492

62.6372, 0.3090,
0.3316

54.6788, 0.2787,
0.3593


66.0859, 0.3200,
0.3241


52.7649, 0.2703,
0.3701


69.9583, 0.3310,
0.3174


51.1887, 0.2634,
0.3815

72.3990, 0.3347,
0.3111

 49.9285, 0.2581,
0.3935


 72.7766, 0.3298,
0.3045

 48.9596, 0.2547,
0.4058


 73.1687, 0.3250,
0.2980

 48.2541, 0.2533,
0.4181

 73.5757, 0.3203,
0.2916

 47.7780, 0.2539,
0.4303

 73.9975, 0.3157,
0.2853

 47.5503, 0.2551,
0.4383

 74.0807, 0.3148,
0.2841

Harmonies

Analogous

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



59.5948, 0.3121, 0.3502



59.5948, 0.2983, 0.3400



59.5948, 0.2885, 0.3268

Triad

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



59.5948, 0.2983, 0.3400



59.5948, 0.2989, 0.3048



59.5948, 0.3411, 0.3424

Complementary

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



59.5948, 0.2983, 0.3400



50.3278, 0.3296, 0.3183

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.



59.5948, 0.3375, 0.3304



59.5948, 0.2983, 0.3400



59.5948, 0.3129, 0.3090

Square

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



59.5948, 0.2983, 0.3400



59.5948, 0.2889, 0.3067



59.5948, 0.3271, 0.3183



59.5948, 0.3370, 0.3513

Rectangle

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



59.5948, 0.2983, 0.3400



59.5948, 0.2855, 0.3184



59.5948, 0.3271, 0.3183



59.5948, 0.3408, 0.3386

Sweetspot

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



59.5973, 0.2983, 0.3400



97.9073, 0.3083, 0.3322



59.9292, 0.3181, 0.3634



20.8745, 0.3075, 0.3328



0.0000, 0.0000, 0.0000



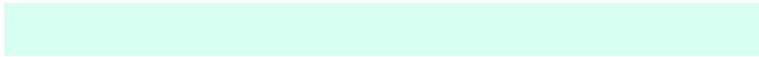
21.4041, 0.3127, 0.3290

Same Dimension

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



59.5973, 0.2983, 0.3400



92.2510, 0.2954, 0.3425



57.7748, 0.2923, 0.3232



13.3398, 0.3025, 0.3366



29.3369, 0.2546, 0.4365



1.6545, 0.2484, 0.4143

Inverse Universe

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



50.3278, 0.3296, 0.3183



75.0172, 0.3337, 0.3159



51.8756, 0.3363, 0.3347



11.8699, 0.3241, 0.3216



8.6246, 0.5669, 0.2897



0.4966, 0.5144, 0.2607

Previews

White Background



This preview shows how the Yxy color 59.5948, 0.2983, 0.3400 looks on a white background.

Color Contrast Check

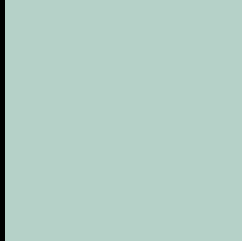
Large Text (above 18pt) WCAG AA × Fail

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 59.5948, 0.2983, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

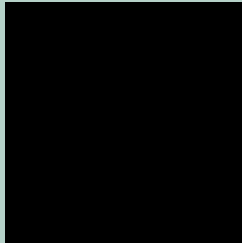
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

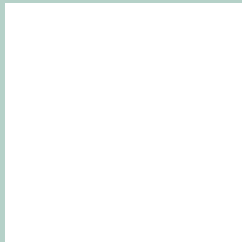
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5948, 0.2983, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 59.5948, 0.2983, 0.3400.



This preview shows how white text looks on a background with the Yxy color 59.5948, 0.2983, 0.3400.

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

59.7308, 0.2868, 0.3099

Trichromacy



Original Color

59.5948, 0.2983, 0.3400

Protanomaly

59.6996, 0.3130, 0.3386

Deuteranomaly

59.3030, 0.3167, 0.3278

Tritanomaly

59.6710, 0.2912, 0.3205

Monochromacy



Original Color

59.5948, 0.2983, 0.3400

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.2195, 0.3072, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5948, 0.2983, 0.3400 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, 209, 200)` looks like.

```
.text, #text, p{  
    color:rgb(181, 209, 200)  
}
```

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, 209, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 209, 200) }
```

Border

The CSS property to change the border of an element to Yxy 59.5948, 0.2983, 0.3400 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, 209, 200) }
```

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

```
.border{ border-color:rgb(181, 209, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 209, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 209, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 209, 200); box-shadow:4px 4px 4px 4px rgb(181, 209, 200) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5948, 0.2983, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 209, 200) }
```

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

```
.background{ background-color: rgb(181,  
209, 200) }
```

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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