

Converting Colors

$Yxy(58.9858, 0.2879, 0.3342)$

Have a look what the booklet for
Yxy(58.9858, 0.2879, 0.3342)
contains.

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Color

Yxy(59.1589, 0.2881, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	ABD2CD
RGB	171, 210, 205
RGB Percent	67%, 82%, 80%
CMY	0.3295, 0.1765, 0.1959
CMYK	0.19, 0.00, 0.02, 0.18
HSL	172°, 30%, 75%
HSV	172°, 19%, 82%
XYZ	50.8615, 59.1589, 66.5207
YIQ	197.7690, -21.6390, -9.8230

Conversions

Conversions Part 2

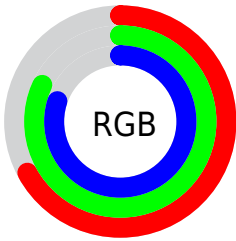
Format	Color
R _Y B	171, 192, 210
Decimal	11260621
CIE Lab	81.38, -13.80, -1.81
CIE LCh	81, 13.923, 187.473
Yxy	59.1589, 0.2881, 0.3351
Android (android.graphics.Color)	4289450701 (0xFFABD2CD)
YUV	197.7690, 3.5649, -23.4764
Hunter-Lab	76.9148, -16.5642, 2.5627

Details

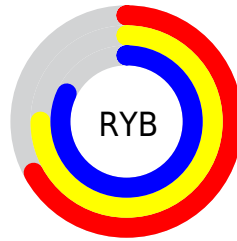
The Yxy color **59.1589, 0.2881, 0.3351** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.9545, 0.3442, 0.3230**, and the grayscale version is **56.3130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0709, 0.2958, 0.3290**, and **29.5286, 0.2816, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **56.8597, 0.2760, 0.3388**, and if you desaturate by 10%, it is **61.8398, 0.3011, 0.3317**.

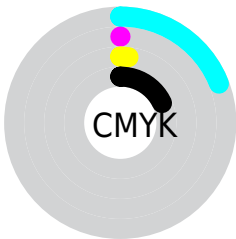
Distribution



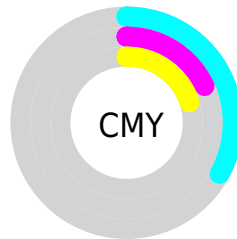
- Red (67%)
- Green (82%)
- Blue (80%)



- Red (67%)
- Yellow (75%)
- Blue (82%)



- Cyan (19%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)





- Cyan (33%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1589, 0.2881, 0.3351 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 59.1589, 0.2881, 0.3351 by changing the saturation by 10% instead.


 59.1589, 0.2881,
0.3351

 59.1589, 0.2881,
0.3351

421.4905, 0.2999,
0.3322

 42.7410, 0.2853,
0.3358

 103.6086, 0.2923,
0.3341

 29.6820, 0.2818,
0.3366


132.4092, 0.2939,
0.3337

 19.5973, 0.2773,
0.3376


166.1062, 0.2952,
0.3334

 12.1027, 0.2712,
0.3390

205.0839, 0.2964,
0.3331

 6.8137, 0.2627,
0.3409

249.7268, 0.2974,
0.3328

 3.3458, 0.2497,
0.3437

300.4193, 0.2983,

 1.3148, 0.2278,

0.3326

0.3480

357.5457, 0.2992,
0.3324

0.1526, 0.0000,
0.3427

0.0000, 0.0000,
0.0000

59.1589, 0.2881,
0.3351

59.1589, 0.2881,
0.3351

56.8597, 0.2760,
0.3388

61.8398, 0.3011,
0.3317

54.9173, 0.2652,
0.3428


64.9116, 0.3147,
0.3286

53.3150, 0.2558,
0.3469

68.3923, 0.3286,
0.3258

52.0319, 0.2481,
0.3512


72.2965, 0.3427,
0.3233

 51.0449, 0.2423,
0.3557


 72.4383, 0.3407,
0.3206

 50.3276, 0.2384,
0.3601

 72.5797, 0.3388,
0.3179

 49.8491, 0.2364,
0.3646

 72.7233, 0.3368,
0.3152

 49.5616, 0.2360,
0.3690

 72.8691, 0.3349,
0.3126

 49.5265, 0.2360,
0.3696

 73.0173, 0.3329,
0.3099

Harmonies

Analogous

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



59.1589, 0.3033, 0.3504



59.1589, 0.2881, 0.3351



59.1589, 0.2795, 0.3185

Triad

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



59.1589, 0.2881, 0.3351



59.1589, 0.3033, 0.3005



59.1589, 0.3470, 0.3516

Complementary

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



59.1589, 0.2881, 0.3351



45.9545, 0.3442, 0.3230

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.



59.1589, 0.3472, 0.3379



59.1589, 0.2881, 0.3351



59.1589, 0.3215, 0.3090

Square

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



59.1589, 0.2881, 0.3351



59.1589, 0.2880, 0.2991



59.1589, 0.3377, 0.3224



59.1589, 0.3375, 0.3597

Rectangle

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



59.1589, 0.2881, 0.3351



59.1589, 0.2784, 0.3092



59.1589, 0.3377, 0.3224



59.1589, 0.3482, 0.3474

Sweetspot

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



59.1613, 0.2881, 0.3351



97.0881, 0.3044, 0.3309



58.2870, 0.3142, 0.3788



20.7159, 0.3036, 0.3311



0.0000, 0.0000, 0.0000



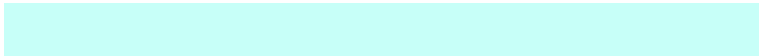
21.4041, 0.3127, 0.3290

Same Dimension

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



59.1613, 0.2881, 0.3351



90.4173, 0.2836, 0.3364



52.6528, 0.2840, 0.3109



13.3801, 0.3000, 0.3320



30.2193, 0.2358, 0.3689



1.6971, 0.2336, 0.3608

Inverse Universe

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



45.9545, 0.3442, 0.3230



66.5188, 0.3521, 0.3218



51.4620, 0.3456, 0.3464



11.8324, 0.3271, 0.3261



8.4135, 0.6228, 0.3204



0.4787, 0.5822, 0.2981

Previews

White Background



This preview shows how the Yxy color 59.1589, 0.2881, 0.3351 looks on a white background.

Color Contrast Check

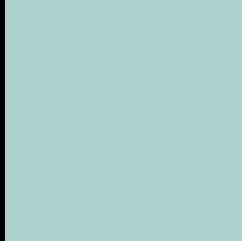
Large Text (above 18pt) WCAG AA × Fail

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 59.1589, 0.2881, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

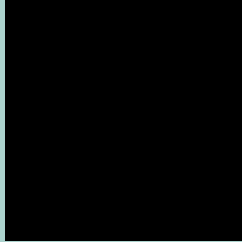
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

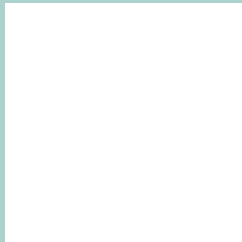
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1589, 0.2881, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 59.1589, 0.2881, 0.3351.



This preview shows how white text looks on a background with the Yxy color 59.1589, 0.2881, 0.3351.

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

59.1589, 0.2881, 0.3351

Protanopia

59.0652, 0.3173, 0.3302

Deuteranopia

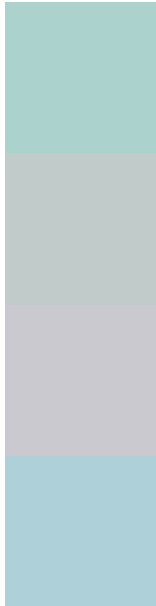
58.9393, 0.3213, 0.3154



Tritanopia

59.1214, 0.2788, 0.3084

Trichromacy



Original Color

59.1589, 0.2881, 0.3351

Protanomaly

58.7875, 0.3058, 0.3314

Deuteranomaly

58.6958, 0.3084, 0.3219

Tritanomaly

59.1202, 0.2825, 0.3179

Monochromacy



Original Color

59.1589, 0.2881, 0.3351

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.1495, 0.3028, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1589, 0.2881, 0.3351 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(171, 210, 205)` looks like.

```
.text, #text, p{  
    color:rgb(171, 210, 205)  
}
```

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(171, 210, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 210, 205) }
```

Border

The CSS property to change the border of an element to Yxy 59.1589, 0.2881, 0.3351 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(171, 210, 205) }
```

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

```
.border{ border-color:rgb(171, 210, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 210, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 210, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 210, 205);  
box-shadow:4px 4px 4px 4px rgb(171, 210,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1589, 0.2881, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 210, 205) }
```

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

```
.background{ background-color: rgb(171,  
210, 205) }
```

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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