

Converting Colors

$Yxy(59.5394, 0.2855, 0.3340)$

Have a look what the booklet for
Yxy(59.5394, 0.2855, 0.3340)
contains.

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Color

Yxy(59.5285, 0.2856, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	A9D3CF
RGB	169, 211, 207
RGB Percent	66%, 83%, 81%
CMY	0.3373, 0.1725, 0.1882
CMYK	0.20, 0.00, 0.02, 0.17
HSL	174°, 32%, 75%
HSV	174°, 20%, 83%
XYZ	50.9175, 59.5285, 67.8365
YIQ	197.9860, -23.7480, -10.1480

Conversions

Conversions Part 2

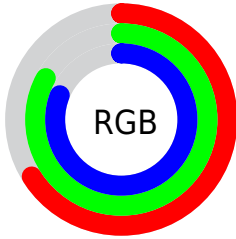
Format	Color
RYB	169, 191, 211
Decimal	11129807
CIELab	81.58, -14.53, -2.57
CIELCh	82, 14.754, 190.045
Yxy	59.5285, 0.2856, 0.3339
Android (android.graphics.Color)	4289319887 (0xFFA9D3CF)
YUV	197.9860, 4.4439, -25.4207
Hunter-Lab	77.1547, -17.2215, 1.8790

Details

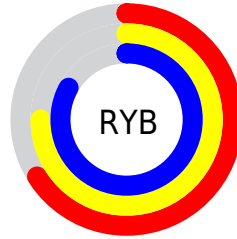
The Yxy color **59.5285, 0.2856, 0.3339** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.2409, 0.3482, 0.3242**, and the grayscale version is **56.4468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **29.7898, 0.2785, 0.3339** is the 20% darker color. If you saturate the color by 10%, you get **57.2847, 0.2733, 0.3367**, and if you desaturate by 10%, it is **62.1550, 0.2989, 0.3313**.

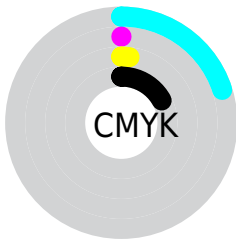
Distribution



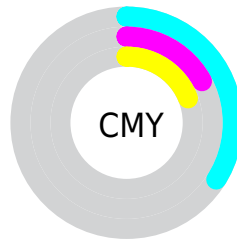
- Red (66%)
- Green (83%)
- Blue (81%)



- Red (66%)
- Yellow (75%)
- Blue (83%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)




- Cyan (34%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5285, 0.2856, 0.3339 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 59.5285, 0.2856, 0.3339 by changing the saturation by 10% instead.


 59.5285, 0.2856,
0.3339

 59.5285, 0.2856,
0.3339

422.8577, 0.2985,
0.3317

 43.0387, 0.2825,
0.3344


 104.1454, 0.2902,
0.3331

 29.9155, 0.2787,
0.3350


133.0413, 0.2919,
0.3328

 19.7744, 0.2738,
0.3358

166.8413, 0.2934,
0.3326

 12.2312, 0.2672,
0.3368

205.9299, 0.2947,
0.3323

 6.9013, 0.2578,
0.3382

250.6914, 0.2959,
0.3321

 3.4005, 0.2438,
0.3400

301.5103, 0.2969,

 1.3442, 0.2203,

0.3320

358.7709, 0.2977,
0.3318

0.3427

0.1751, 0.0000,
0.3209

0.0000, 0.0000,
0.0000

59.5285, 0.2856,
0.3339

59.5285, 0.2856,
0.3339

57.2847, 0.2733,
0.3367

62.1550, 0.2989,
0.3313

55.3983, 0.2624,
0.3396

65.1738, 0.3128,
0.3290

53.8522, 0.2529,
0.3427

68.6030, 0.3273,
0.3269

52.6250, 0.2452,
0.3459

72.4577, 0.3418,
0.3250

■ 51.6929, 0.2395,
0.3492

■ 72.8646, 0.3416,
0.3229

■ 51.0288, 0.2356,
0.3525

■ 72.9700, 0.3401,
0.3209

■ 50.6005, 0.2336,
0.3557

■ 73.0767, 0.3386,
0.3189

■ 50.3499, 0.2331,
0.3590

■ 73.1847, 0.3372,
0.3169

■ 50.3479, 0.2331,
0.3590

■ 73.2940, 0.3357,
0.3149

Harmonies

Analogous

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



59.5285, 0.3012, 0.3504



59.5285, 0.2856, 0.3339



59.5285, 0.2772, 0.3165

Triad

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



59.5285, 0.2856, 0.3339



59.5285, 0.3043, 0.2995



59.5285, 0.3485, 0.3538

Complementary

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



59.5285, 0.2856, 0.3339



45.2409, 0.3482, 0.3242

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.



59.5285, 0.3496, 0.3397



59.5285, 0.2856, 0.3339



59.5285, 0.3236, 0.3089

Square

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



59.5285, 0.2856, 0.3339



59.5285, 0.2878, 0.2973



59.5285, 0.3404, 0.3234



59.5285, 0.3377, 0.3619

Rectangle

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



59.5285, 0.2856, 0.3339



59.5285, 0.2767, 0.3070



59.5285, 0.3404, 0.3234



59.5285, 0.3501, 0.3496

Sweetspot

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



59.5309, 0.2856, 0.3339



97.1192, 0.3042, 0.3304



58.3625, 0.3133, 0.3830



20.7233, 0.3033, 0.3306



0.0000, 0.0000, 0.0000



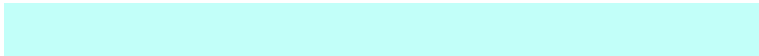
21.4041, 0.3127, 0.3290

Same Dimension

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



59.5309, 0.2856, 0.3339



89.8126, 0.2801, 0.3351



51.8112, 0.2818, 0.3077



13.3868, 0.2996, 0.3312



30.3913, 0.2329, 0.3585



1.7051, 0.2313, 0.3525

Inverse Universe

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



45.2409, 0.3482, 0.3242



63.9078, 0.3583, 0.3231



51.7474, 0.3480, 0.3494



11.8263, 0.3276, 0.3268



8.3954, 0.6283, 0.3235



0.4758, 0.5954, 0.3054

Previews

White Background



This preview shows how the Yxy color 59.5285, 0.2856, 0.3339 looks on a white background.

Color Contrast Check

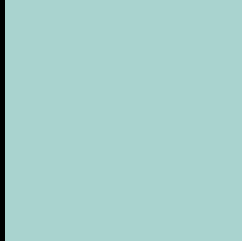
Large Text (above 18pt) WCAG AA × Fail

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 59.5285, 0.2856, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

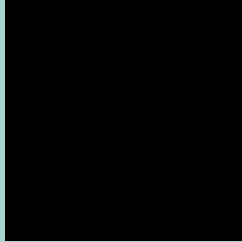
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

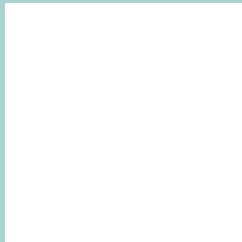
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5285, 0.2856, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 59.5285, 0.2856, 0.3339.



This preview shows how white text looks on a background with the Yxy color 59.5285, 0.2856, 0.3339.

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

59.5285, 0.2856, 0.3339

Protanopia

59.1121, 0.3166, 0.3290

Deuteranopia

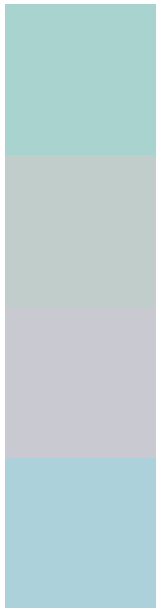
59.0384, 0.3198, 0.3132



Tritanopia

59.4322, 0.2770, 0.3084

Trichromacy



Original Color

59.5285, 0.2856, 0.3339

Protanomaly

59.3119, 0.3051, 0.3314

Deuteranomaly

58.6561, 0.3063, 0.3196

Tritanomaly

59.4335, 0.2807, 0.3179

Monochromacy



Original Color

59.5285, 0.2856, 0.3339

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.4937, 0.3020, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5285, 0.2856, 0.3339 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(169, 211, 207)` looks like.

```
.text, #text, p{  
    color:rgb(169, 211, 207)  
}
```

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(169, 211, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 211, 207) }
```

Border

The CSS property to change the border of an element to Yxy 59.5285, 0.2856, 0.3339 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(169, 211, 207) }
```

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

```
.border{ border-color:rgb(169, 211, 207) }
```

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

Here you see how a box with a 4 pixel rgb(169, 211, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 211, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 211, 207);  
box-shadow:4px 4px 4px 4px rgb(169, 211,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5285, 0.2856, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 211, 207) }
```

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

```
.background{ background-color: rgb(169,  
211, 207) }
```

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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