

Converting Colors

$Yxy(59.3516, 0.2816, 0.3589)$

Have a look what the booklet for
Yxy(59.3516, 0.2816, 0.3589)
contains.

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Color

Yxy(59.3516, 0.2816, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	95D8C1
RGB	149, 216, 193
RGB Percent	58%, 85%, 76%
CMY	0.4159, 0.1529, 0.2431
CMYK	0.31, 0.00, 0.11, 0.15
HSL	159°, 46%, 72%
HSV	159°, 31%, 85%
XYZ	46.5684, 59.3516, 59.4508
YIQ	193.3450, -32.5490, -21.3570

Conversions

Conversions Part 2

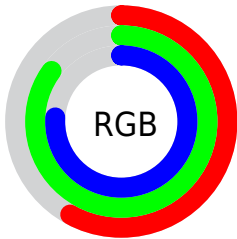
Format	Color
RYB	149, 189, 216
Decimal	9820353
CIELab	81.48, -26.02, 4.61
CIELCh	81, 26.423, 169.952
Yxy	59.3516, 0.2816, 0.3589
Android (android.graphics.Color)	4288010433 (0xFF95D8C1)
YUV	193.3450, -0.1701, -38.8906
Hunter-Lab	77.0400, -26.9219, 8.1746

Details

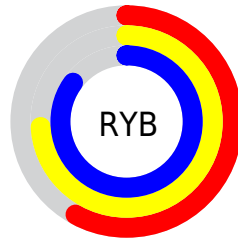
The Yxy color **59.3516, 0.2816, 0.3589** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.0574, 0.3587, 0.3012**, and the grayscale version is **53.5524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3387, 0.2864, 0.3352**, and **29.8700, 0.2734, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **57.1853, 0.2732, 0.3704**, and if you desaturate by 10%, it is **61.9161, 0.2910, 0.3483**.

Distribution



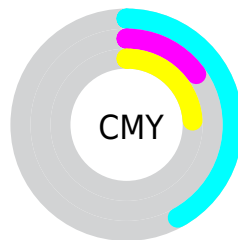
- Red (58%)
- Green (85%)
- Blue (76%)



- Red (58%)
- Yellow (74%)
- Blue (85%)



- Cyan (31%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)





- Cyan (42%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3516, 0.2816, 0.3589 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 59.3516, 0.2816, 0.3589 by changing the saturation by 10% instead.

 59.3516, 0.2816,
0.3589


 59.3516, 0.2816,
0.3589


422.2036, 0.2966,
0.3443

 42.8962, 0.2780,
0.3624


 103.8885, 0.2870,
0.3537

 29.8037, 0.2735,
0.3670


 132.7388, 0.2890,
0.3517

 19.6896, 0.2675,
0.3729


166.4896, 0.2907,
0.3500

 12.1696, 0.2596,
0.3809

205.5251, 0.2922,
0.3485

 6.8593, 0.2482,
0.3926

250.2300, 0.2936,
0.3473

 3.3743, 0.2307,
0.4110

300.9884, 0.2947,

 1.3301, 0.1931,

0.3462

0.4480

358.1848, 0.2957,
0.3452

■ 0.1643, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3516, 0.2816,
0.3589

■ 59.3516, 0.2816,
0.3589

■ 57.1853, 0.2732,
0.3704

■ 61.9161, 0.2910,
0.3483

■ 55.3889, 0.2661,
0.3826

■ 64.8909, 0.3011,
0.3386

■ 53.9415, 0.2606,
0.3953

■ 68.2968, 0.3116,
0.3299

■ 52.8175, 0.2569,
0.4085

■ 72.1508, 0.3223,
0.3220

■ 51.9871, 0.2553,
0.4218

■ 76.0960, 0.3316,
0.3150

■ 51.4154, 0.2557,
0.4350

■ 76.5216, 0.3264,
0.3077

■ 51.0683, 0.2574,
0.4466

■ 76.9652, 0.3213,
0.3006

■ 77.4269, 0.3163,
0.2936

■ 77.5991, 0.3145,
0.2911

Harmonies

Analogous

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



59.3516, 0.3140, 0.3831



59.3516, 0.2816, 0.3589



59.3516, 0.2583, 0.3262

Triad

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



59.3516, 0.2816, 0.3589



59.3516, 0.2768, 0.2733



59.3516, 0.3808, 0.3557

Complementary

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



59.3516, 0.2816, 0.3589



39.0574, 0.3587, 0.3012

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.



59.3516, 0.3700, 0.3277



59.3516, 0.2816, 0.3589



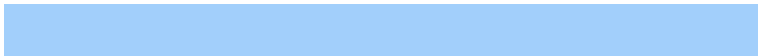
59.3516, 0.3084, 0.2818

Square

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



59.3516, 0.2816, 0.3589



59.3516, 0.2557, 0.2781



59.3516, 0.3429, 0.3013



59.3516, 0.3721, 0.3789

Rectangle

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



59.3516, 0.2816, 0.3589



59.3516, 0.2504, 0.3056



59.3516, 0.3429, 0.3013



59.3516, 0.3793, 0.3465

Sweetspot

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



59.3540, 0.2816, 0.3589



95.4072, 0.3031, 0.3368



60.1059, 0.3254, 0.4153



20.2727, 0.3016, 0.3382



0.0000, 0.0000, 0.0000



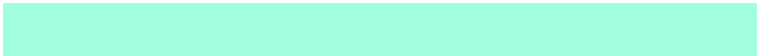
21.4041, 0.3127, 0.3290

Same Dimension

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



59.3540, 0.2816, 0.3589



84.3679, 0.2762, 0.3660



55.4642, 0.2669, 0.3160



14.0321, 0.3028, 0.3371



30.2438, 0.2568, 0.4446



1.8394, 0.2506, 0.4221

Inverse Universe

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



39.0574, 0.3587, 0.3012



50.4793, 0.3719, 0.2954



41.5690, 0.3791, 0.3415



12.4905, 0.3238, 0.3210



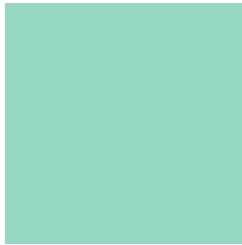
8.9531, 0.5589, 0.2852



0.5553, 0.5103, 0.2585

Previews

White Background



This preview shows how the Yxy color 59.3516, 0.2816, 0.3589 looks on a white background.

Color Contrast Check

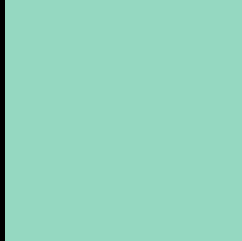
Large Text (above 18pt) WCAG AA × Fail

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 59.3516, 0.2816, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

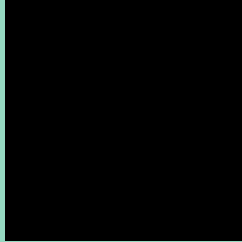
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

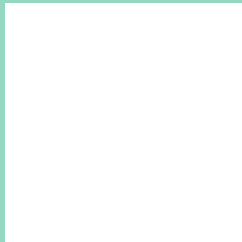
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3516, 0.2816, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 59.3516, 0.2816, 0.3589.



This preview shows how white text looks on a background with the Yxy color 59.3516, 0.2816, 0.3589.

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

59.3516, 0.2816, 0.3589

Protanopia

58.8314, 0.3308, 0.3480

Deuteranopia

58.7494, 0.3339, 0.3268



Tritanopia

59.3581, 0.2657, 0.3080

Trichromacy



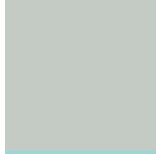
Original Color

59.3516, 0.2816, 0.3589



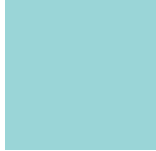
Protanomaly

58.3382, 0.3109, 0.3512



Deuteranomaly

58.4332, 0.3123, 0.3374



Tritanomaly

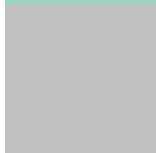
59.3648, 0.2715, 0.3264

Monochromacy



Original Color

59.3516, 0.2816, 0.3589



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

54.9707, 0.3001, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3516, 0.2816, 0.3589 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(149, 216, 193)` looks like.

```
.text, #text, p{  
    color:rgb(149, 216, 193)  
}
```

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(149, 216, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 216, 193) }
```

Border

The CSS property to change the border of an element to Yxy 59.3516, 0.2816, 0.3589 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(149, 216, 193) }
```

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

```
.border{ border-color:rgb(149, 216, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 216, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 216, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 216, 193);  
box-shadow:4px 4px 4px 4px rgb(149, 216,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3516, 0.2816, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 216, 193) }
```

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

```
.background{ background-color: rgb(149,  
216, 193) }
```

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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