

Converting Colors

Yxy(53.9605, 0.2944, 0.3415)

Have a look what the booklet for
Yxy(53.9605, 0.2944, 0.3415)
contains.

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Color

Yxy(53.8597, 0.2948, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	A8C9BF
RGB	168, 201, 191
RGB Percent	66%, 79%, 75%
CMY	0.3411, 0.2118, 0.2510
CMYK	0.16, 0.00, 0.05, 0.21
HSL	162°, 23%, 72%
HSV	162°, 16%, 79%
XYZ	46.4400, 53.8597, 57.2309
YIQ	189.9930, -16.4580, -10.1060

Conversions

Conversions Part 2

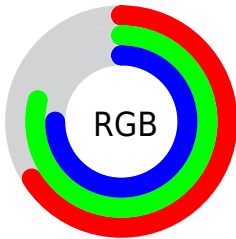
Format	Color
RYB	168, 187, 201
Decimal	11061695
CIELab	78.38, -13.00, 1.32
CIELCh	78, 13.065, 174.211
Yxy	53.8597, 0.2948, 0.3419
Android (android.graphics.Color)	4289251775 (0xFFA8C9BF)
YUV	189.9930, 0.4965, -19.2879
Hunter-Lab	73.3892, -15.4778, 5.1365

Details

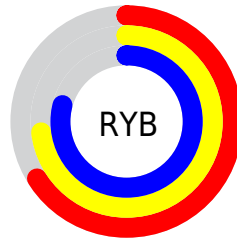
The Yxy color **53.8597, 0.2948, 0.3419** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.6442, 0.3345, 0.3165**, and the grayscale version is **51.4946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9234, 0.2978, 0.3371**, and **26.4154, 0.2901, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **51.5603, 0.2846, 0.3508**, and if you desaturate by 10%, it is **56.5158, 0.3056, 0.3338**.

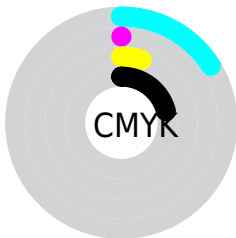
Distribution



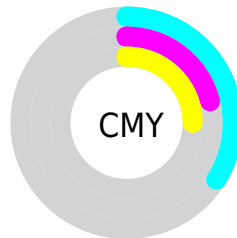
- Red (66%)
- Green (79%)
- Blue (75%)



- Red (66%)
- Yellow (73%)
- Blue (79%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (21%)




- Cyan (34%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8597, 0.2948, 0.3419 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 53.8597, 0.2948, 0.3419 by changing the saturation by 10% instead.


 53.8597, 0.2948,
0.3419


 53.8597, 0.2948,
0.3419

401.5748, 0.3036,
0.3356

 38.4895, 0.2927,
0.3434


 95.8682, 0.2979,
0.3396

 26.3628, 0.2900,
0.3454


 123.2753, 0.2991,
0.3388

 17.0953, 0.2864,
0.3480


155.4635, 0.3001,
0.3380

 10.3024, 0.2816,
0.3516

192.8172, 0.3010,
0.3374

 5.5999, 0.2745,
0.3567

235.7208, 0.3018,
0.3369

 2.6034, 0.2634,
0.3650

284.5587, 0.3024,

 0.9284, 0.2341,

0.3364

0.3851

339.7152, 0.3030,
0.3360

0.0000, 0.0000,
0.0000

53.8597, 0.2948,
0.3419

53.8597, 0.2948,
0.3419

51.5603, 0.2846,
0.3508

56.5158, 0.3056,
0.3338

49.5952, 0.2753,
0.3605

59.5365, 0.3167,
0.3265

47.9495, 0.2672,
0.3708

62.9381, 0.3280,
0.3199

46.6048, 0.2606,
0.3817

66.7337, 0.3392,
0.3141

45.5408, 0.2557,
0.3930

68.2814, 0.3397,
0.3083

■ 44.7343, 0.2527,
0.4046

■ 68.6136, 0.3351,
0.3022

■ 44.1585, 0.2517,
0.4161

■ 68.9578, 0.3305,
0.2963

■ 43.7791, 0.2527,
0.4275

■ 69.3140, 0.3260,
0.2904

■ 43.6673, 0.2532,
0.4316

■ 69.6824, 0.3216,
0.2846

Harmonies

Analogous

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



53.8597, 0.3113, 0.3545



53.8597, 0.2948, 0.3419



53.8597, 0.2832, 0.3258

Triad

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



53.8597, 0.2948, 0.3419



53.8597, 0.2965, 0.2999



53.8597, 0.3472, 0.3455

Complementary

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



53.8597, 0.2948, 0.3419



43.6442, 0.3345, 0.3165

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.



53.8597, 0.3431, 0.3310



53.8597, 0.2948, 0.3419



53.8597, 0.3134, 0.3052

Square

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



53.8597, 0.2948, 0.3419



53.8597, 0.2842, 0.3019



53.8597, 0.3305, 0.3165



53.8597, 0.3418, 0.3561

Rectangle

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



53.8597, 0.2948, 0.3419



53.8597, 0.2797, 0.3156



53.8597, 0.3305, 0.3165



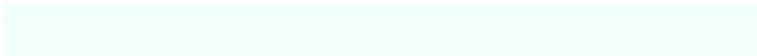
53.8597, 0.3469, 0.3409

Sweetspot

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



53.8619, 0.2948, 0.3419



97.4147, 0.3071, 0.3328



54.1217, 0.3188, 0.3717



20.7758, 0.3063, 0.3333



0.0000, 0.0000, 0.0000



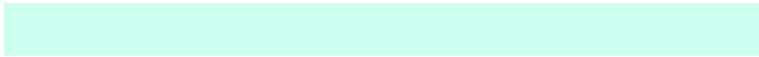
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8619, 0.2948, 0.3419



90.6200, 0.2908, 0.3453



51.5536, 0.2878, 0.3211



12.0106, 0.3023, 0.3361



27.4726, 0.2528, 0.4300



1.3133, 0.2462, 0.4063

Inverse Universe

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



43.6442, 0.3345, 0.3165



69.5857, 0.3408, 0.3134



45.5419, 0.3424, 0.3367



10.6891, 0.3243, 0.3220



8.0340, 0.5727, 0.2928



0.3935, 0.5120, 0.2594

Previews

White Background



This preview shows how the Yxy color 53.8597, 0.2948, 0.3419 looks on a white background.

Color Contrast Check

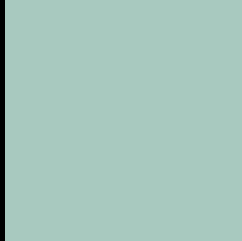
Large Text (above 18pt) WCAG AA × Fail

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 53.8597, 0.2948, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

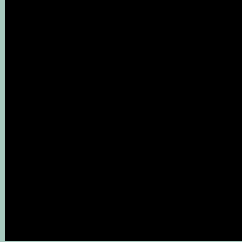
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

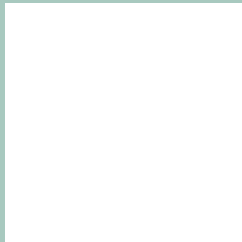
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8597, 0.2948, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 53.8597, 0.2948, 0.3419.



This preview shows how white text looks on a background with the Yxy color 53.8597, 0.2948, 0.3419.

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

53.8597, 0.2948, 0.3419

Protanopia

53.8272, 0.3229, 0.3376

Deuteranopia

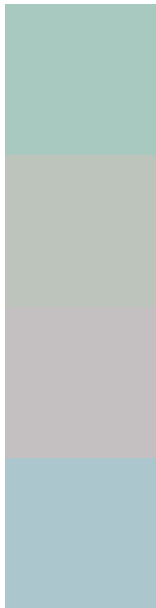
53.4327, 0.3282, 0.3208



Tritanopia

53.9629, 0.2829, 0.3102

Trichromacy



Original Color

53.8597, 0.2948, 0.3419

Protanomaly

53.8021, 0.3122, 0.3390

Deuteranomaly

53.2853, 0.3152, 0.3278

Tritanomaly

53.9126, 0.2875, 0.3213

Monochromacy



Original Color

53.8597, 0.2948, 0.3419

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.2464, 0.3061, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8597, 0.2948, 0.3419 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(168, 201, 191)` looks like.

```
.text, #text, p{  
    color:rgb(168, 201, 191)  
}
```

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(168, 201, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 201, 191) }
```

Border

The CSS property to change the border of an element to Yxy 53.8597, 0.2948, 0.3419 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(168, 201, 191) }
```

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

```
.border{ border-color:rgb(168, 201, 191) }
```

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

Here you see how a box with a 4 pixel rgb(168, 201, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 201, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 201, 191);  
box-shadow:4px 4px 4px 4px rgb(168, 201,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8597, 0.2948, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 201, 191) }
```

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

```
.background{ background-color: rgb(168,  
201, 191) }
```

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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