

Converting Colors

$Yxy(51.9253, 0.2875, 0.3348)$

Have a look what the booklet for
Yxy(51.9253, 0.2875, 0.3348)
contains.

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Color

Yxy(51.8603, 0.2876, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	A1C6C2
RGB	161, 198, 194
RGB Percent	63%, 78%, 76%
CMY	0.3686, 0.2235, 0.2393
CMYK	0.19, 0.00, 0.02, 0.22
HSL	173°, 25%, 70%
HSV	173°, 19%, 78%
XYZ	44.6290, 51.8603, 58.6881
YIQ	186.4810, -20.7680, -9.0880

Conversions

Conversions Part 2

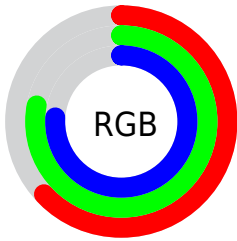
Format	Color
R_{YB}	161, 181, 198
Decimal	10602178
CIE Lab	77.20, -13.09, -2.08
CIE LCh	77, 13.252, 189.029
Yxy	51.8603, 0.2876, 0.3342
Android (android.graphics.Color)	4288792258 (0xFFA1C6C2)
YUV	186.4810, 3.7069, -22.3468
Hunter-Lab	72.0141, -15.4035, 2.0913

Details

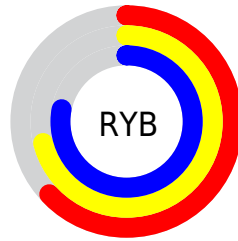
The Yxy color **51.8603, 0.2876, 0.3342** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.2160, 0.3450, 0.3239**, and the grayscale version is **49.3754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0211, 0.2921, 0.3340**, and **25.0912, 0.2815, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **49.8696, 0.2754, 0.3373**, and if you desaturate by 10%, it is **54.1825, 0.3008, 0.3313**.

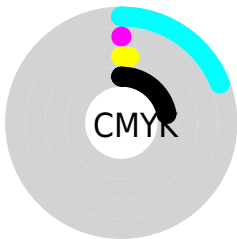
Distribution



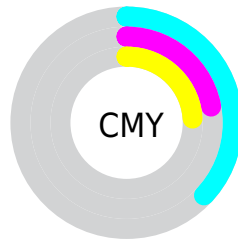
- Red (63%)
- Green (78%)
- Blue (76%)



- Red (63%)
- Yellow (71%)
- Blue (78%)



- Cyan (19%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)





- Cyan (37%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8603, 0.2876, 0.3342 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 51.8603, 0.2876, 0.3342 by changing the saturation by 10% instead.


 51.8603, 0.2876,
0.3342


 51.8603, 0.2876,
0.3342


393.8971, 0.2999,
0.3317

 36.8937, 0.2846,
0.3348

 92.9252, 0.2920,
0.3333

 25.1252, 0.2808,
0.3355


 119.7923, 0.2937,
0.3330

 16.1704, 0.2759,
0.3364


151.3950, 0.2951,
0.3327

 9.6448, 0.2691,
0.3377

188.1178, 0.2963,
0.3325

 5.1641, 0.2592,
0.3394

230.3450, 0.2974,
0.3322

 2.3439, 0.2437,
0.3419

278.4610, 0.2983,

 0.7968, 0.1947,

0.3321

0.3544

332.8502, 0.2991,
0.3319

0.0000, 0.0000,
0.0000

51.8603, 0.2876,
0.3342

51.8603, 0.2876,
0.3342

49.8696, 0.2754,
0.3373

54.1825, 0.3008,
0.3313

48.1886, 0.2644,
0.3407

56.8439, 0.3146,
0.3287

46.8029, 0.2549,
0.3442

59.8602, 0.3287,
0.3263

45.6944, 0.2471,
0.3478

63.2442, 0.3431,
0.3242

44.8432, 0.2411,
0.3515

66.0454, 0.3533,
0.3222

■ 44.2265, 0.2371,
0.3553

■ 66.1498, 0.3516,
0.3200

■ 43.8175, 0.2349,
0.3590

■ 66.2556, 0.3499,
0.3178

■ 43.5728, 0.2343,
0.3627

■ 66.3629, 0.3482,
0.3156

■ 43.5447, 0.2342,
0.3632

■ 66.4716, 0.3465,
0.3134

Harmonies

Analogous

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



51.8603, 0.3025, 0.3496



51.8603, 0.2876, 0.3342



51.8603, 0.2794, 0.3178

Triad

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



51.8603, 0.2876, 0.3342



51.8603, 0.3042, 0.3010



51.8603, 0.3466, 0.3520

Complementary

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



51.8603, 0.2876, 0.3342



40.2160, 0.3450, 0.3239

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.



51.8603, 0.3472, 0.3386



51.8603, 0.2876, 0.3342



51.8603, 0.3224, 0.3097

Square

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



51.8603, 0.2876, 0.3342



51.8603, 0.2888, 0.2992



51.8603, 0.3383, 0.3233



51.8603, 0.3367, 0.3598

Rectangle

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



51.8603, 0.2876, 0.3342



51.8603, 0.2787, 0.3087



51.8603, 0.3383, 0.3233



51.8603, 0.3479, 0.3480

Sweetspot

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



51.8624, 0.2876, 0.3342



97.1062, 0.3043, 0.3306



50.9977, 0.3137, 0.3790



20.7203, 0.3034, 0.3308



0.0000, 0.0000, 0.0000



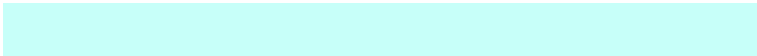
21.4041, 0.3127, 0.3290

Same Dimension

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



51.8624, 0.2876, 0.3342



90.4822, 0.2830, 0.3353



45.8623, 0.2839, 0.3100



12.0470, 0.2998, 0.3315



28.3246, 0.2341, 0.3627



1.3470, 0.2319, 0.3550

Inverse Universe

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



40.2160, 0.3450, 0.3239



66.4682, 0.3529, 0.3228



45.3135, 0.3455, 0.3472



10.6554, 0.3273, 0.3265



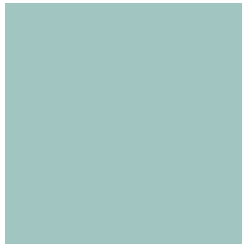
7.8504, 0.6257, 0.3221



0.3782, 0.5851, 0.2997

Previews

White Background



This preview shows how the Yxy color 51.8603, 0.2876, 0.3342 looks on a white background.

Color Contrast Check

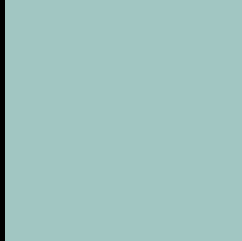
Large Text (above 18pt) WCAG AA × Fail

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 51.8603, 0.2876, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

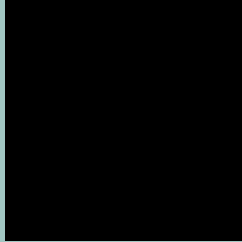
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

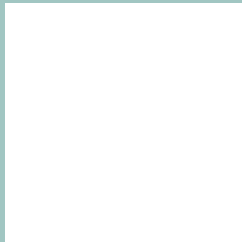
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8603, 0.2876, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 51.8603, 0.2876, 0.3342.



This preview shows how white text looks on a background with the Yxy color 51.8603, 0.2876, 0.3342.

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

51.8603, 0.2876, 0.3342

Protanopia

51.5386, 0.3168, 0.3290

Deuteranopia

51.4340, 0.3210, 0.3135



Tritanopia

51.6259, 0.2784, 0.3085

Trichromacy



Original Color

51.8603, 0.2876, 0.3342

Protanomaly

51.4059, 0.3054, 0.3303

Deuteranomaly

51.3279, 0.3082, 0.3203

Tritanomaly

51.6742, 0.2816, 0.3173

Monochromacy



Original Color

51.8603, 0.2876, 0.3342

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.8481, 0.3030, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8603, 0.2876, 0.3342 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(161, 198, 194)` looks like.

```
.text, #text, p{  
    color:rgb(161, 198, 194)  
}
```

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(161, 198, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 198, 194) }
```

Border

The CSS property to change the border of an element to Yxy 51.8603, 0.2876, 0.3342 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(161, 198, 194) }
```

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

```
.border{ border-color:rgb(161, 198, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 198, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 198, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 198, 194);  
box-shadow:4px 4px 4px 4px rgb(161, 198,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8603, 0.2876, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 198, 194) }
```

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

```
.background{ background-color: rgb(161,  
198, 194) }
```

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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