

Converting Colors

$Yxy(51.3570, 0.2675, 0.3263)$

Have a look what the booklet for
Yxy(51.3570, 0.2675, 0.3263)
contains.

Yxy(51.4884, 0.2670, 0.3262)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.4884, 0.2670, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	8AC9CB
RGB	138, 201, 203
RGB Percent	54%, 79%, 80%
CMY	0.4589, 0.2117, 0.2040
CMYK	0.32, 0.01, 0.00, 0.20
HSL	182°, 38%, 67%
HSV	182°, 32%, 80%
XYZ	42.1441, 51.4884, 64.2105
YIQ	182.3910, -38.1900, -12.7340

Conversions

Conversions Part 2

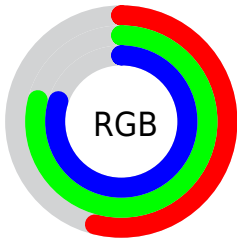
Format	Color
R _Y B	138, 170, 203
Decimal	9095627
CIE Lab	76.97, -19.48, -7.42
CIE LCh	77, 20.841, 200.850
Yxy	51.4884, 0.2670, 0.3262
Android (android.graphics.Color)	4287285707 (0xFF8AC9CB)
YUV	182.3910, 10.1602, -38.9309
Hunter-Lab	71.7554, -20.7336, -2.8270

Details

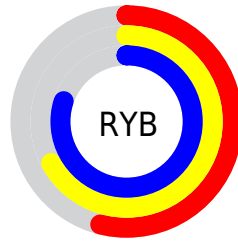
The Yxy color **51.4884, 0.2670, 0.3262** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.2763, 0.3847, 0.3318**, and the grayscale version is **46.9614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2093, 0.2773, 0.3289**, and **24.9687, 0.2553, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **49.6300, 0.2552, 0.3252**, and if you desaturate by 10%, it is **53.6757, 0.2802, 0.3271**.

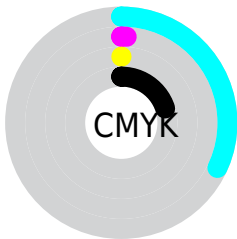
Distribution



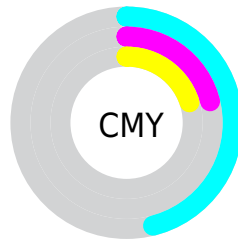
- Red (54%)
- Green (79%)
- Blue (80%)



- Red (54%)
- Yellow (67%)
- Blue (80%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)





- Cyan (46%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4884, 0.2670, 0.3262 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 51.4884, 0.2670, 0.3262 by changing the saturation by 10% instead.

 51.4884, 0.2670,
0.3262


 51.4884, 0.2670,
0.3262


392.4584, 0.2892,
0.3280

 36.5974, 0.2617,
0.3257

 92.3763, 0.2749,
0.3269

 24.8960, 0.2549,
0.3249


 119.1420, 0.2779,
0.3272

 15.9996, 0.2462,
0.3239


 150.6348, 0.2805,
0.3274

 9.5238, 0.2344,
0.3222

187.2391, 0.2827,
0.3275

 5.0844, 0.2175,
0.3194

229.3391, 0.2846,
0.3277

 2.2969, 0.1918,
0.3141

277.3195, 0.2863,

 0.7721, 0.1056,

0.3278

0.3156

331.5644, 0.2878,
0.3279

0.0000, 0.0000,
0.0000

51.4884, 0.2670,
0.3262

51.4884, 0.2670,
0.3262

49.6300, 0.2552,
0.3252

53.6757, 0.2802,
0.3271

48.0761, 0.2451,
0.3242

56.2023, 0.2945,
0.3280

46.8091, 0.2369,
0.3232

59.0858, 0.3096,
0.3288

45.8067, 0.2305,
0.3222

62.3408, 0.3252,
0.3296

45.0435, 0.2260,
0.3211

65.9809, 0.3412,
0.3303

■ 44.4891, 0.2233,
0.3201

■ 69.1017, 0.3533,
0.3309

■ 44.1529, 0.2221,
0.3194

■ 69.3980, 0.3532,
0.3315

■ 69.6955, 0.3531,
0.3322

■ 69.9941, 0.3529,
0.3328

Harmonies

Analogous

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



51.4884, 0.2863, 0.3528



51.4884, 0.2670, 0.3262



51.4884, 0.2596, 0.3019

Triad

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



51.4884, 0.2670, 0.3262



51.4884, 0.3102, 0.2899



51.4884, 0.3615, 0.3710

Complementary

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



51.4884, 0.2670, 0.3262



33.2763, 0.3847, 0.3318

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.



51.4884, 0.3689, 0.3523



51.4884, 0.2670, 0.3262



51.4884, 0.3386, 0.3065

Square

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



51.4884, 0.2670, 0.3262



51.4884, 0.2837, 0.2825



51.4884, 0.3604, 0.3289



51.4884, 0.3408, 0.3792

Rectangle

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



51.4884, 0.2670, 0.3262



51.4884, 0.2621, 0.2904



51.4884, 0.3604, 0.3289



51.4884, 0.3656, 0.3657

Sweetspot

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



51.4905, 0.2670, 0.3262



94.9851, 0.2973, 0.3282



49.9757, 0.3076, 0.4212



20.1906, 0.2951, 0.3281



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.



51.4905, 0.2670, 0.3262



84.1479, 0.2592, 0.3256



38.2398, 0.2616, 0.2817



12.6660, 0.2984, 0.3282



28.1270, 0.2221, 0.3195



1.4699, 0.2226, 0.3214

Inverse Universe

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



35.0851, 0.3183, 0.2523



52.7789, 0.3195, 0.2373



43.8718, 0.3721, 0.3720



11.3976, 0.3142, 0.3068



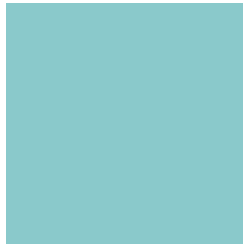
10.6424, 0.3286, 0.1584



0.5509, 0.3270, 0.1575

Previews

White Background



This preview shows how the Yxy color 51.4884, 0.2670, 0.3262 looks on a white background.

Color Contrast Check

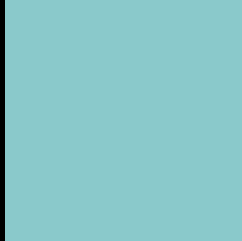
Large Text (above 18pt) WCAG AA × Fail

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 51.4884, 0.2670, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

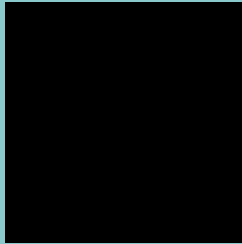
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

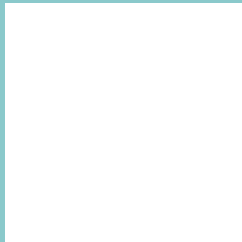
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4884, 0.2670, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 51.4884, 0.2670, 0.3262.

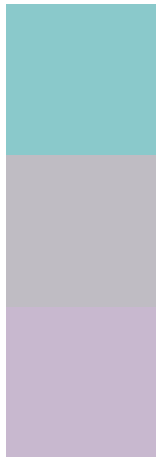


This preview shows how white text looks on a background with the Yxy color 51.4884, 0.2670, 0.3262.

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

51.4884, 0.2670, 0.3262

Protanopia

50.9829, 0.3098, 0.3203

Deuteranopia

51.0653, 0.3082, 0.3014



Tritanopia

51.4159, 0.2615, 0.3079

Trichromacy



Original Color

51.4884, 0.2670, 0.3262

Protanomaly

50.9878, 0.2927, 0.3225

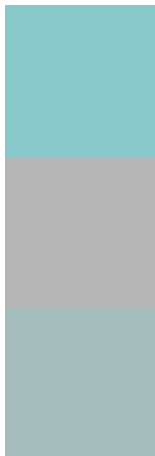
Deuteranomaly

50.6303, 0.2908, 0.3088

Tritanomaly

51.5872, 0.2634, 0.3143

Monochromacy



Original Color

51.4884, 0.2670, 0.3262

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.2199, 0.2936, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4884, 0.2670, 0.3262 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(138, 201, 203)` looks like.

```
.text, #text, p{  
    color:rgb(138, 201, 203)  
}
```

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(138, 201, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 201, 203) }
```

Border

The CSS property to change the border of an element to Yxy 51.4884, 0.2670, 0.3262 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(138, 201, 203) }
```

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

```
.border{ border-color:rgb(138, 201, 203) }
```

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

Here you see how a box with a 4 pixel rgb(138, 201, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 201, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 201, 203);  
box-shadow:4px 4px 4px 4px rgb(138, 201,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4884, 0.2670, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 201, 203) }
```

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

```
.background{ background-color: rgb(138,  
201, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor