

Converting Colors

$Yxy(43.8405, 0.2593, 0.3485)$

Have a look what the booklet for
Yxy(43.8405, 0.2593, 0.3485)
contains.

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Color

Yxy(43.8970, 0.2595, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	68C0B3
RGB	104, 192, 179
RGB Percent	41%, 75%, 70%
CMY	0.5921, 0.2470, 0.2980
CMYK	0.46, 0.00, 0.07, 0.25
HSL	171°, 41%, 58%
HSV	171°, 46%, 75%
XYZ	32.6960, 43.8970, 49.4030
YIQ	164.2060, -48.2750, -22.6990

Conversions

Conversions Part 2

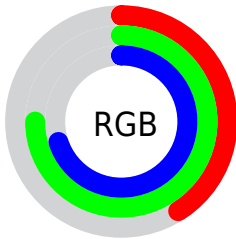
Format	Color
RYB	104, 152, 192
Decimal	6865075
CIELab	72.16, -29.66, -1.68
CIELCh	72, 29.707, 183.250
Yxy	43.8970, 0.2595, 0.3484
Android (android.graphics.Color)	4285055155 (0xFF68C0B3)
YUV	164.2060, 7.2934, -52.8007
Hunter-Lab	66.2548, -27.8583, 2.1687

Details

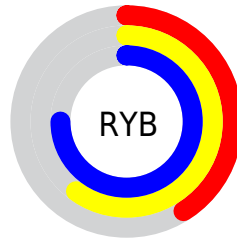
The Yxy color **43.8970, 0.2595, 0.3484** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **22.3920, 0.4161, 0.3116**, and the grayscale version is **37.2106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2231, 0.2690, 0.3449**, and **20.2642, 0.2446, 0.3545** is the 20% darker color. If you saturate the color by 10%, you get **42.7641, 0.2515, 0.3534**, and if you desaturate by 10%, it is **45.2973, 0.2691, 0.3436**.

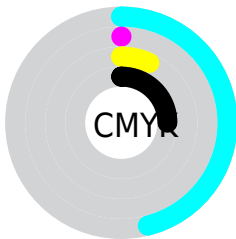
Distribution



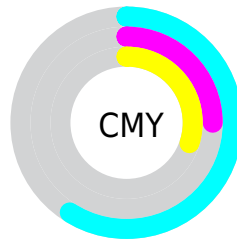
- Red (41%)
- Green (75%)
- Blue (70%)



- Red (41%)
- Yellow (60%)
- Blue (75%)



- Cyan (46%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (59%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8970, 0.2595, 0.3484 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 43.8970, 0.2595, 0.3484 by changing the saturation by 10% instead.


 43.8970, 0.2595,
0.3484


 43.8970, 0.2595,
0.3484


362.2878, 0.2862,
0.3388


 30.5895, 0.2529,
0.3507


 81.0627, 0.2692,
0.3450

 20.2865, 0.2443,
0.3537


 105.6898, 0.2728,
0.3436

 12.6035, 0.2330,
0.3576


 134.8588, 0.2759,
0.3425

 7.1561, 0.2172,
0.3630

 168.9543, 0.2785,
0.3416

 3.5599, 0.1940,
0.3706

208.3605, 0.2808,
0.3408

 1.4306, 0.1497,
0.3854

253.4619, 0.2828,

 0.2391, 0.0000,

0.3400

0.3874

304.6429, 0.2846,
0.3394

0.0000, 0.0000,
0.0000

43.8970, 0.2595,
0.3484

43.8970, 0.2595,
0.3484

42.7641, 0.2515,
0.3534

45.2973, 0.2691,
0.3436

41.8753, 0.2453,
0.3585

46.9762, 0.2801,
0.3391

41.2122, 0.2409,
0.3637


48.9502, 0.2921,
0.3349

40.7512, 0.2385,
0.3689

51.2334, 0.3050,
0.3311

40.4628, 0.2379,
0.3741

53.8387, 0.3183,
0.3276

 40.3684, 0.2378,
0.3762

 56.7784, 0.3319,
0.3244

 60.0642, 0.3456,
0.3217

 63.2099, 0.3570,
0.3191

 63.3451, 0.3547,
0.3162

Harmonies

Analogous

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



43.8970, 0.2952, 0.3860



43.8970, 0.2595, 0.3484



43.8970, 0.2385, 0.3073

Triad

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



43.8970, 0.2595, 0.3484



43.8970, 0.2842, 0.2637



43.8970, 0.3954, 0.3750

Complementary

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



43.8970, 0.2595, 0.3484



22.3920, 0.4161, 0.3116

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.



43.8970, 0.3930, 0.3420



43.8970, 0.2595, 0.3484



43.8970, 0.3264, 0.2804

Square

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



43.8970, 0.2595, 0.3484



43.8970, 0.2520, 0.2617



43.8970, 0.3671, 0.3083



43.8970, 0.3743, 0.3991

Rectangle

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



43.8970, 0.2595, 0.3484



43.8970, 0.2347, 0.2851



43.8970, 0.3671, 0.3083



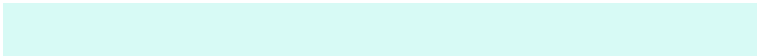
43.8970, 0.3974, 0.3645

Sweetspot

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



43.8987, 0.2595, 0.3484



89.3196, 0.2942, 0.3343



42.4958, 0.3155, 0.4670



18.9808, 0.2914, 0.3352



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.8987, 0.2595, 0.3484



77.4750, 0.2514, 0.3534



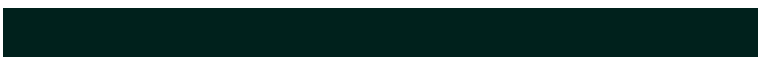
32.3096, 0.2436, 0.2811



11.4021, 0.3004, 0.3324



27.1718, 0.2377, 0.3756



1.1811, 0.2345, 0.3640

Inverse Universe

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



22.3920, 0.4161, 0.3116



33.6809, 0.4532, 0.3087



29.4791, 0.4140, 0.3712



10.1016, 0.3266, 0.3256



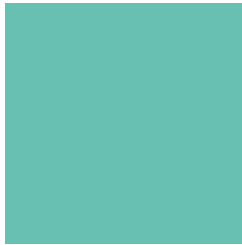
7.6055, 0.6180, 0.3178



0.3365, 0.5650, 0.2886

Previews

White Background



This preview shows how the Yxy color 43.8970, 0.2595, 0.3484 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 43.8970, 0.2595, 0.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

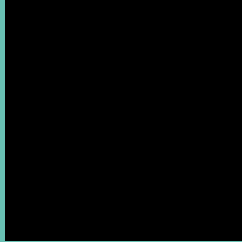
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

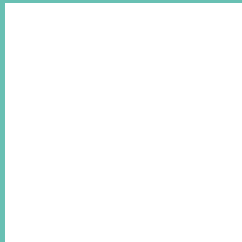
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8970, 0.2595, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 43.8970, 0.2595, 0.3484.

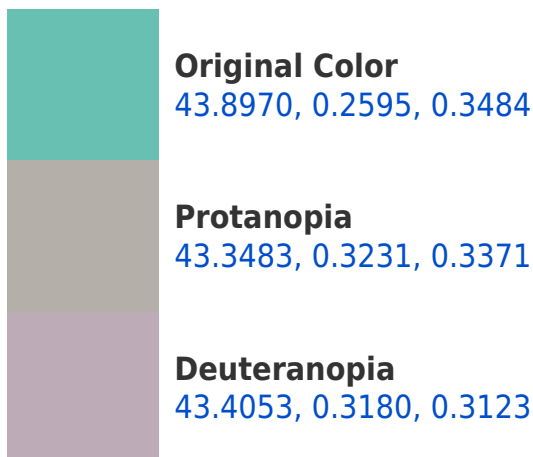


This preview shows how white text looks on a background with the Yxy color 43.8970, 0.2595, 0.3484.

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





Tritanopia

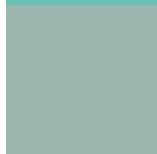
43.7056, 0.2481, 0.3060

Trichromacy



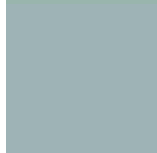
Original Color

43.8970, 0.2595, 0.3484



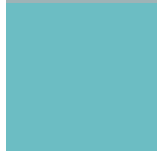
Protanomaly

42.8372, 0.2955, 0.3403



Deuteranomaly

42.8867, 0.2928, 0.3248



Tritanomaly

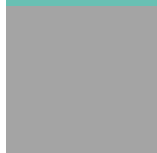
43.5235, 0.2517, 0.3201

Monochromacy



Original Color

43.8970, 0.2595, 0.3484



Achromatopsia

37.1238, 0.3127, 0.3290



Achromatomaly

38.8875, 0.2893, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8970, 0.2595, 0.3484 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(104, 192, 179)` looks like.

```
.text, #text, p{  
    color:rgb(104, 192, 179)  
}
```

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(104, 192, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 192, 179) }
```

Border

The CSS property to change the border of an element to Yxy 43.8970, 0.2595, 0.3484 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(104, 192, 179) }
```

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

```
.border{ border-color:rgb(104, 192, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 192, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 192, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 192, 179);  
box-shadow:4px 4px 4px 4px rgb(104, 192,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8970, 0.2595, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 192, 179) }
```

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

```
.background{ background-color: rgb(104,  
192, 179) }
```

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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