

Converting Colors

Yxy(51.4440, 0.2681, 0.3472)

Have a look what the booklet for
Yxy(51.4440, 0.2681, 0.3472)
contains.

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Color

Yxy(51.4593, 0.2680, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	7FCCBF
RGB	127, 204, 191
RGB Percent	50%, 80%, 75%
CMY	0.5017, 0.2000, 0.2510
CMYK	0.38, 0.00, 0.06, 0.20
HSL	170°, 43%, 65%
HSV	170°, 38%, 80%
XYZ	39.7552, 51.4593, 57.1259
YIQ	179.4950, -41.7190, -20.3670

Conversions

Conversions Part 2

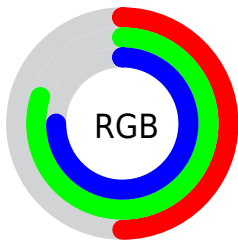
Format	Color
RYB	127, 169, 204
Decimal	8375487
CIELab	76.96, -26.75, -1.04
CIElCh	77, 26.766, 182.222
Yxy	51.4593, 0.2680, 0.3469
Android (android.graphics.Color)	4286565567 (0xFF7FCCBF)
YUV	179.4950, 5.6720, -46.0381
Hunter-Lab	71.7351, -26.6127, 2.9993

Details

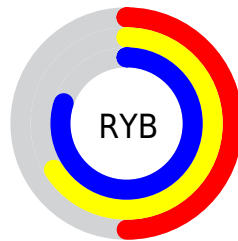
The Yxy color **51.4593, 0.2680, 0.3469** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.9259, 0.3886, 0.3124**, and the grayscale version is **45.3507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3027, 0.2755, 0.3375**, and **24.7463, 0.2558, 0.3500** is the 20% darker color. If you saturate the color by 10%, you get **49.8996, 0.2588, 0.3525**, and if you desaturate by 10%, it is **53.3438, 0.2786, 0.3416**.

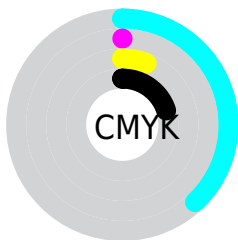
Distribution



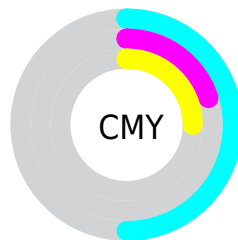
- Red (50%)
- Green (80%)
- Blue (75%)



- Red (50%)
- Yellow (66%)
- Blue (80%)



- Cyan (38%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)




- Cyan (50%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4593, 0.2680, 0.3469 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 51.4593, 0.2680, 0.3469 by changing the saturation by 10% instead.


 51.4593, 0.2680,
0.3469


 51.4593, 0.2680,
0.3469

392.3456, 0.2899,
0.3382


 36.5743, 0.2627,
0.3490


 92.3333, 0.2758,
0.3438

 24.8780, 0.2560,
0.3516


 119.0911, 0.2788,
0.3426

 15.9862, 0.2472,
0.3550


 150.5753, 0.2813,
0.3416

 9.5144, 0.2352,
0.3597

187.1702, 0.2835,
0.3408

 5.0782, 0.2180,
0.3662

229.2604, 0.2854,
0.3400

 2.2932, 0.1913,
0.3762

277.2300, 0.2871,

 0.7701, 0.0449,

0.3393

0.4375

331.4637, 0.2885,
0.3387

■ 0.0000, 0.0000,
0.0000

■ 51.4593, 0.2680,
0.3469

■ 51.4593, 0.2680,
0.3469

■ 49.8996, 0.2588,
0.3525

■ 53.3438, 0.2786,
0.3416

■ 48.6392, 0.2513,
0.3583

■ 55.5647, 0.2902,
0.3367

■ 47.6590, 0.2456,
0.3643

■ 58.1403, 0.3027,
0.3322

■ 46.9345, 0.2419,
0.3703

■ 61.0859, 0.3157,
0.3281

■ 46.4377, 0.2400,
0.3764

■ 64.4159, 0.3290,
0.3244

■ 46.1278, 0.2399,
0.3824

■ 68.1440, 0.3424,
0.3211

■ 46.0680, 0.2399,
0.3838

■ 69.3557, 0.3441,
0.3178

■ 69.5349, 0.3415,
0.3143

■ 69.7178, 0.3389,
0.3108

Harmonies

Analogous

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



51.4593, 0.2993, 0.3780



51.4593, 0.2680, 0.3469



51.4593, 0.2491, 0.3120

Triad

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



51.4593, 0.2680, 0.3469



51.4593, 0.2873, 0.2722



51.4593, 0.3837, 0.3682

Complementary

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



51.4593, 0.2680, 0.3469



29.9259, 0.3886, 0.3124

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.



51.4593, 0.3807, 0.3397



51.4593, 0.2680, 0.3469



51.4593, 0.3233, 0.2863

Square

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



51.4593, 0.2680, 0.3469



51.4593, 0.2597, 0.2712



51.4593, 0.3581, 0.3104



51.4593, 0.3666, 0.3887

Rectangle

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



51.4593, 0.2680, 0.3469



51.4593, 0.2453, 0.2926



51.4593, 0.3581, 0.3104



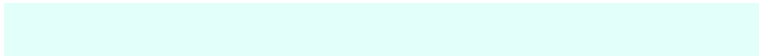
51.4593, 0.3850, 0.3592

Sweetspot

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



51.4614, 0.2680, 0.3469



94.7613, 0.2983, 0.3337



50.3942, 0.3176, 0.4392



20.1559, 0.2966, 0.3343



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.



51.4614, 0.2680, 0.3469



83.1510, 0.2607, 0.3513



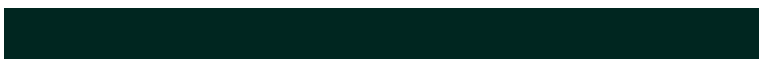
41.3701, 0.2556, 0.2945



12.6932, 0.3006, 0.3329



29.0094, 0.2397, 0.3829



1.5054, 0.2364, 0.3712

Inverse Universe

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



29.9259, 0.3886, 0.3124



42.6146, 0.4131, 0.3090



36.6399, 0.3925, 0.3607



11.2441, 0.3264, 0.3251



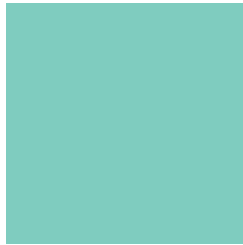
8.1638, 0.6136, 0.3154



0.4310, 0.5629, 0.2875

Previews

White Background



This preview shows how the Yxy color 51.4593, 0.2680, 0.3469 looks on a white background.

Color Contrast Check

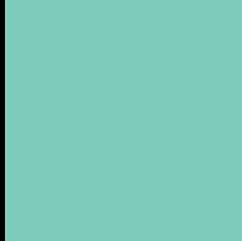
Large Text (above 18pt) WCAG AA × Fail

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 51.4593, 0.2680, 0.3469 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

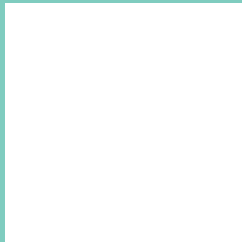
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4593, 0.2680, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 51.4593, 0.2680, 0.3469.

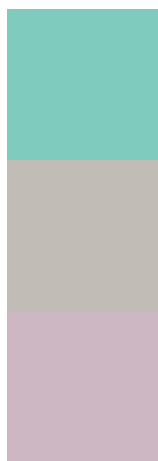


This preview shows how white text looks on a background with the Yxy color 51.4593, 0.2680, 0.3469.

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

51.4593, 0.2680, 0.3469

Protanopia

50.8132, 0.3224, 0.3365

Deuteranopia

50.7862, 0.3219, 0.3146



Tritanopia

51.2530, 0.2565, 0.3077

Trichromacy



Original Color

51.4593, 0.2680, 0.3469

Protanomaly

50.6324, 0.3004, 0.3408

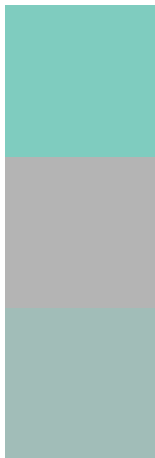
Deuteranomaly

50.5038, 0.2993, 0.3251

Tritanomaly

51.1036, 0.2605, 0.3208

Monochromacy



Original Color

51.4593, 0.2680, 0.3469

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

47.4330, 0.2940, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4593, 0.2680, 0.3469 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(127, 204, 191)` looks like.

```
.text, #text, p{  
    color:rgb(127, 204, 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(127, 204, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 204, 191) }
```

Border

The CSS property to change the border of an element to Yxy 51.4593, 0.2680, 0.3469 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(127, 204, 191) }
```

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

```
.border{ border-color:rgb(127, 204, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 204, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 204, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 204, 191);  
box-shadow:4px 4px 4px 4px rgb(127, 204,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4593, 0.2680, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 204, 191) }
```

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

```
.background{ background-color: rgb(127,  
204, 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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