

Converting Colors

Yxy(52.6133, 0.2446, 0.3464)

Have a look what the booklet for
Yxy(52.6133, 0.2446, 0.3464)
contains.

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Color

Yxy(52.5059, 0.2443, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	52D3C7
RGB	82, 211, 199
RGB Percent	32%, 83%, 78%
CMY	0.6783, 0.1725, 0.2196
CMYK	0.61, 0.00, 0.06, 0.17
HSL	174°, 59%, 57%
HSV	174°, 61%, 83%
XYZ	37.0835, 52.5059, 62.2056
YIQ	171.0610, -73.0320, -31.0800

Conversions

Conversions Part 2

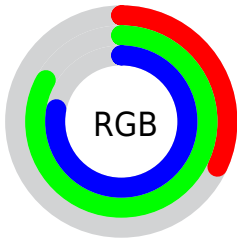
Format	Color
RYB	82, 150, 211
Decimal	5428167
CIELab	77.58, -38.02, -4.60
CIELCh	78, 38.293, 186.906
Yxy	52.5059, 0.2443, 0.3459
Android (android.graphics.Color)	4283618247 (0xFF52D3C7)
YUV	171.0610, 13.7739, -78.1065
Hunter-Lab	72.4610, -35.4553, -0.1761

Details

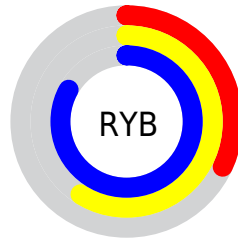
The Yxy color **52.5059, 0.2443, 0.3459** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **20.6981, 0.4870, 0.3159**, and the grayscale version is **40.7190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6693, 0.2536, 0.3288**, and **25.8213, 0.2307, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **51.6118, 0.2387, 0.3491**, and if you desaturate by 10%, it is **53.6960, 0.2518, 0.3428**.

Distribution



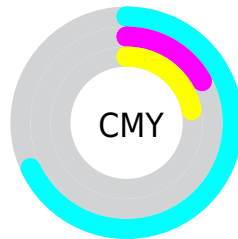
- Red (32%)
- Green (83%)
- Blue (78%)



- Red (32%)
- Yellow (59%)
- Blue (83%)



- Cyan (61%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)





- Cyan (68%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5059, 0.2443, 0.3459 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 52.5059, 0.2443, 0.3459 by changing the saturation by 10% instead.


 52.5059, 0.2443,
0.3459


 52.5059, 0.2443,
0.3459


396.3866, 0.2773,
0.3382


 37.4085, 0.2365,
0.3476


 93.8769, 0.2560,
0.3433

 25.5239, 0.2266,
0.3497


 120.9193, 0.2605,
0.3422

 16.4678, 0.2139,
0.3522


 152.7121, 0.2643,
0.3413

 9.8558, 0.1969,
0.3554

 189.6397, 0.2676,
0.3405

 5.3034, 0.1733,
0.3592

232.0866, 0.2705,
0.3398

 2.4264, 0.1385,
0.3635

280.4371, 0.2730,

 0.8394, 0.0000,

0.3392

0.3994

335.0756, 0.2753,
0.3387

0.0000, 0.0000,
0.0000

52.5059, 0.2443,
0.3459

52.5059, 0.2443,
0.3459

51.6118, 0.2387,
0.3491

53.6960, 0.2518,
0.3428

50.9801, 0.2351,
0.3523

55.2001, 0.2610,
0.3397

50.5797, 0.2333,
0.3555

57.0420, 0.2718,
0.3368

50.3664, 0.2329,
0.3582

59.2414, 0.2840,
0.3341

61.8164, 0.2972,
0.3316

■ 64.7840, 0.3111,
0.3292

■ 68.1602, 0.3255,
0.3271

■ 71.9599, 0.3401,
0.3253

■ 72.8425, 0.3419,
0.3233

Harmonies

Analogous

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



52.5059, 0.2851, 0.3945



52.5059, 0.2443, 0.3459



52.5059, 0.2223, 0.2964

Triad

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



52.5059, 0.2443, 0.3459



52.5059, 0.2837, 0.2528



52.5059, 0.4110, 0.3875

Complementary

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



52.5059, 0.2443, 0.3459



20.6981, 0.4870, 0.3159

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.



52.5059, 0.4124, 0.3484



52.5059, 0.2443, 0.3459



52.5059, 0.3353, 0.2744

Square

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



52.5059, 0.2443, 0.3459



52.5059, 0.2436, 0.2477



52.5059, 0.3839, 0.3083



52.5059, 0.3819, 0.4159

Rectangle

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



52.5059, 0.2443, 0.3459



52.5059, 0.2198, 0.2713



52.5059, 0.3839, 0.3083



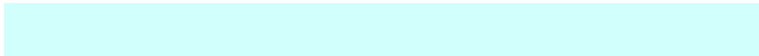
52.5059, 0.4149, 0.3751

Sweetspot

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



52.5079, 0.2443, 0.3459



92.0376, 0.2878, 0.3333



49.6285, 0.3103, 0.5215



19.4641, 0.2840, 0.3341



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.



52.5079, 0.2443, 0.3459



78.9329, 0.2376, 0.3499



31.4380, 0.2210, 0.2507



13.3873, 0.2995, 0.3312



30.4037, 0.2327, 0.3578



1.7056, 0.2311, 0.3520

Inverse Universe

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



20.6981, 0.4870, 0.3159



26.1727, 0.5444, 0.3163



31.4048, 0.4586, 0.3907



11.8259, 0.3276, 0.3269



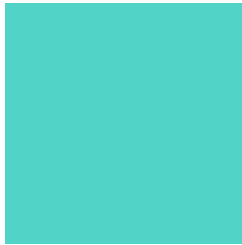
8.3942, 0.6286, 0.3236



0.4756, 0.5963, 0.3059

Previews

White Background



This preview shows how the Yxy color 52.5059, 0.2443, 0.3459 looks on a white background.

Color Contrast Check

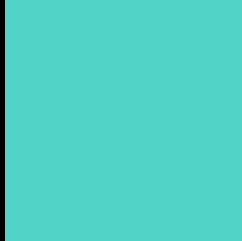
Large Text (above 18pt) WCAG AA × Fail

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 52.5059, 0.2443, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

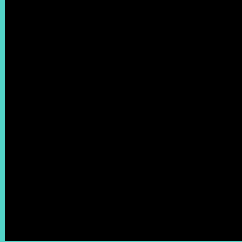
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

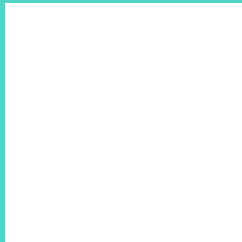
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5059, 0.2443, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 52.5059, 0.2443, 0.3459.

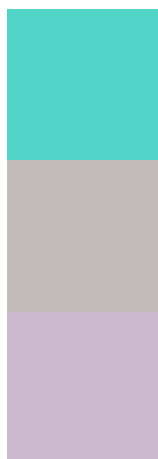


This preview shows how white text looks on a background with the Yxy color 52.5059, 0.2443, 0.3459.

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

52.5059, 0.2443, 0.3459

Protanopia

51.4097, 0.3192, 0.3328

Deuteranopia

51.6623, 0.3114, 0.3051



Tritanopia

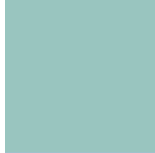
52.3346, 0.2354, 0.3058

Trichromacy



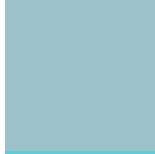
Original Color

52.5059, 0.2443, 0.3459



Protanomaly

50.4664, 0.2838, 0.3370



Deuteranomaly

50.1645, 0.2792, 0.3171



Tritanomaly

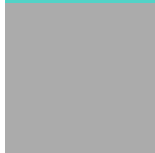
52.1419, 0.2383, 0.3191

Monochromacy



Original Color

52.5059, 0.2443, 0.3459



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

43.9430, 0.2795, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5059, 0.2443, 0.3459 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(82, 211, 199)` looks like.

```
.text, #text, p{  
  color:rgb(82, 211, 199)  
}
```

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(82, 211, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 211, 199) }
```

Border

The CSS property to change the border of an element to Yxy 52.5059, 0.2443, 0.3459 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(82, 211, 199) }
```

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

```
.border{ border-color:rgb(82, 211, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 211, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 211, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 211, 199);  
box-shadow:4px 4px 4px 4px rgb(82, 211,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5059, 0.2443, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 211, 199) }
```

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

```
.background{ background-color: rgb(82, 211,  
199) }
```

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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