

Converting Colors

Yxy(52.5423, 0.2282, 0.3409)

Have a look what the booklet for
Yxy(52.5423, 0.2282, 0.3409)
contains.

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Color

Yxy(52.5687, 0.2280, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	03D6CE
RGB	3, 214, 206
RGB Percent	1%, 84%, 81%
CMY	0.9900, 0.1608, 0.1921
CMYK	0.99, 0.00, 0.04, 0.16
HSL	178°, 98%, 42%
HSV	178°, 99%, 84%
XYZ	35.2209, 52.5687, 66.6879
YIQ	149.9990, -123.1880, -47.2200

Conversions

Conversions Part 2

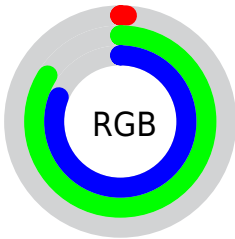
Format	Color
RYB	3, 111, 214
Decimal	251598
CIELab	77.62, -44.40, -8.43
CIELCh	78, 45.192, 190.756
Yxy	52.5687, 0.2280, 0.3403
Android (android.graphics.Color)	4278441678 (0xFF03D6CE)
YUV	149.9990, 27.6085, -128.9181
Hunter-Lab	72.5043, -40.1714, -3.7807

Details

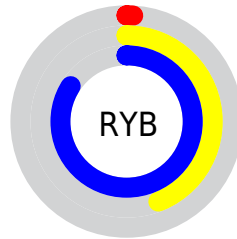
The Yxy color **52.5687, 0.2280, 0.3403** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **14.3760, 0.6350, 0.3282**, and the grayscale version is **30.3617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9912, 0.2411, 0.3288**, and **26.7207, 0.2279, 0.3402** is the 20% darker color. If you saturate the color by 10%, you get **52.5495, 0.2279, 0.3404**, and if you desaturate by 10%, it is **52.7873, 0.2291, 0.3391**.

Distribution



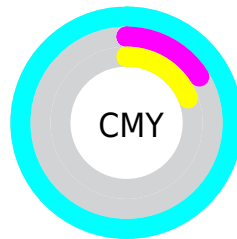
- Red (1%)
- Green (84%)
- Blue (81%)



- Red (1%)
- Yellow (44%)
- Blue (84%)



- Cyan (99%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (99%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5687, 0.2280, 0.3403 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 52.5687, 0.2280, 0.3403 by changing the saturation by 10% instead.

 52.5687, 0.2280,
0.3403


 52.5687, 0.2280,
0.3403


396.6282, 0.2685,
0.3359

 37.4586, 0.2185,
0.3411


 93.9694, 0.2422,
0.3389


 25.5627, 0.2067,
0.3418


 121.0288, 0.2477,
0.3384

 16.4968, 0.1917,
0.3425


 152.8400, 0.2524,
0.3378

 9.8764, 0.1719,
0.3429

 189.7876, 0.2565,
0.3374

 5.3171, 0.1450,
0.3423

 232.2557, 0.2600,
0.3369

 2.4345, 0.1071,
0.3386

280.6290, 0.2632,

 0.8435, 0.0000,

0.3365

0.3429

335.2917, 0.2660,
0.3362

■ 0.0000, 0.0000,
0.0000

■ 52.5687, 0.2280,
0.3403

■ 52.5687, 0.2280,
0.3403

■ 52.5495, 0.2279,
0.3404

■ 52.7873, 0.2291,
0.3391

■ 53.1993, 0.2317,
0.3378

■ 53.8579, 0.2362,
0.3366

■ 54.7957, 0.2425,
0.3354

■ 56.0403, 0.2508,
0.3341

■ 57.6161, 0.2609,
0.3330

■ 59.5449, 0.2726,
0.3318

■ 61.8469, 0.2856,
0.3308

■ 64.5404, 0.2997,
0.3298

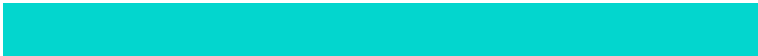
Harmonies

Analogous

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



52.5687, 0.2725, 0.4009



52.5687, 0.2280, 0.3403



52.5687, 0.2064, 0.2833

Triad

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



52.5687, 0.2280, 0.3403



52.5687, 0.2855, 0.2431



52.5687, 0.4250, 0.4011

Complementary

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



52.5687, 0.2280, 0.3403



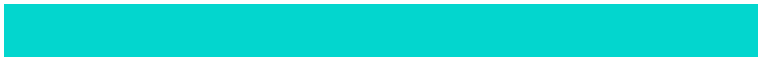
14.3760, 0.6350, 0.3282

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.



52.5687, 0.4322, 0.3562



52.5687, 0.2280, 0.3403



52.5687, 0.3469, 0.2700

Square

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



52.5687, 0.2280, 0.3403



52.5687, 0.2369, 0.2343



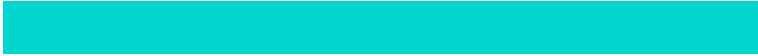
52.5687, 0.4029, 0.3099



52.5687, 0.3867, 0.4335

Rectangle

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



52.5687, 0.2280, 0.3403



52.5687, 0.2058, 0.2564



52.5687, 0.4029, 0.3099



52.5687, 0.4314, 0.3868

Sweetspot

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



52.5707, 0.2280, 0.3403



88.0792, 0.2707, 0.3320



48.1896, 0.3009, 0.5985



18.5844, 0.2657, 0.3325



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.



52.5707, 0.2280, 0.3403



78.1342, 0.2279, 0.3406



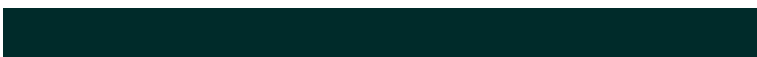
18.0310, 0.1822, 0.1752



14.0994, 0.2988, 0.3299



31.7635, 0.2279, 0.3403



1.9184, 0.2273, 0.3381

Inverse Universe

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



14.3760, 0.6350, 0.3282



21.2811, 0.6374, 0.3285



22.9841, 0.5543, 0.3970



12.4283, 0.3285, 0.3282



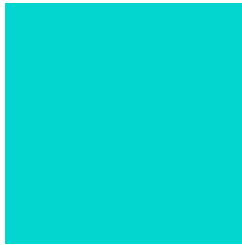
8.6553, 0.6357, 0.3276



0.5248, 0.6222, 0.3201

Previews

White Background



This preview shows how the Yxy color 52.5687, 0.2280, 0.3403 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 52.5687, 0.2280, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

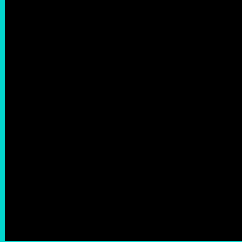
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

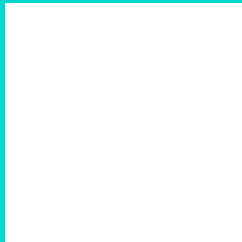
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5687, 0.2280, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 52.5687, 0.2280, 0.3403.

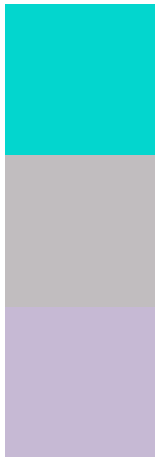


This preview shows how white text looks on a background with the Yxy color 52.5687, 0.2280, 0.3403.

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

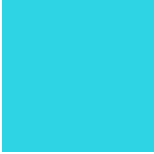
52.5687, 0.2280, 0.3403

Protanopia

51.4942, 0.3145, 0.3265

Deuteranopia

51.4572, 0.3028, 0.2967



Tritanopia

52.7708, 0.2224, 0.3055

Trichromacy



Original Color

52.5687, 0.2280, 0.3403



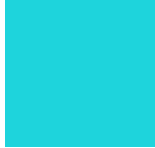
Protanomaly

48.6588, 0.2622, 0.3316



Deuteranomaly

48.6450, 0.2555, 0.3098



Tritanomaly

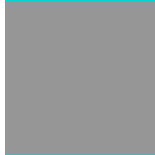
52.5303, 0.2236, 0.3175

Monochromacy



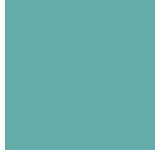
Original Color

52.5687, 0.2280, 0.3403



Achromatopsia

30.4987, 0.3127, 0.3290



Achromatomaly

35.2762, 0.2556, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5687, 0.2280, 0.3403 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(3, 214, 206)` looks like.

```
.text, #text, p{  
    color:rgb(3, 214, 206)  
}
```

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(3, 214, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 214, 206) }
```

Border

The CSS property to change the border of an element to Yxy 52.5687, 0.2280, 0.3403 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(3, 214, 206) }
```

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

```
.border{ border-color:rgb(3, 214, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 214, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 214, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 214, 206);  
box-shadow:4px 4px 4px 4px rgb(3, 214,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5687, 0.2280, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 214, 206) }
```

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

```
.background{ background-color: rgb(3, 214,  
206) }
```

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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