

Converting Colors

$Yxy(52.6689, 0.2329, 0.3582)$

Have a look what the booklet for
Yxy(52.6689, 0.2329, 0.3582)
contains.

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Color

Yxy(52.5475, 0.2329, 0.3582)

Conversions

Conversions Part 1

Format	Color
Hex	01D7C3
RGB	1, 215, 195
RGB Percent	0%, 84%, 76%
CMY	0.9956, 0.1569, 0.2352
CMYK	0.99, 0.00, 0.09, 0.16
HSL	174°, 99%, 42%
HSV	174°, 99%, 84%
XYZ	34.1661, 52.5475, 59.9851
YIQ	148.7340, -121.1240, -51.5880

Conversions

Conversions Part 2

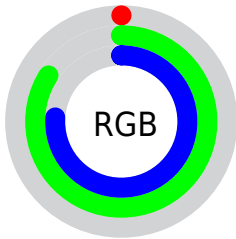
Format	Color
RYB	1, 113, 215
Decimal	120771
CIELab	77.61, -47.97, -2.56
CIELCh	78, 48.034, 183.059
Yxy	52.5475, 0.2329, 0.3582
Android (android.graphics.Color)	4278310851 (0xFF01D7C3)
YUV	148.7340, 22.8091, -129.5627
Hunter-Lab	72.4897, -42.7255, 1.6803

Details

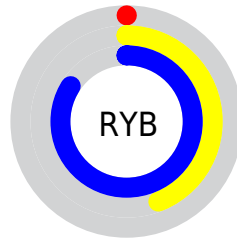
The Yxy color **52.5475, 0.2329, 0.3582** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **14.5261, 0.6298, 0.3247**, and the grayscale version is **29.8957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6732, 0.2423, 0.3335**, and **26.7194, 0.2345, 0.3641** is the 20% darker color. If you saturate the color by 10%, you get **52.5375, 0.2329, 0.3584**, and if you desaturate by 10%, it is **52.8115, 0.2335, 0.3550**.

Distribution



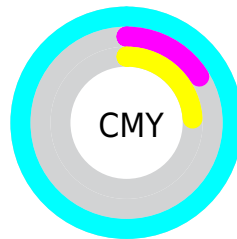
- Red (0%)
- Green (84%)
- Blue (76%)



- Red (0%)
- Yellow (44%)
- Blue (84%)



- Cyan (99%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)




- Cyan (100%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5475, 0.2329, 0.3582 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 52.5475, 0.2329, 0.3582 by changing the saturation by 10% instead.

 52.5475, 0.2329,
0.3582


 52.5475, 0.2329,
0.3582


396.5466, 0.2714,
0.3444


 37.4417, 0.2238,
0.3614


 93.9382, 0.2465,
0.3534

 25.5496, 0.2123,
0.3653


 120.9918, 0.2518,
0.3515


 16.4870, 0.1976,
0.3703

 152.7969, 0.2562,
0.3499

 9.8694, 0.1781,
0.3767

 189.7377, 0.2601,
0.3485

 5.3125, 0.1512,
0.3851

 232.1987, 0.2634,
0.3473

 2.4317, 0.1112,
0.3968

280.5642, 0.2664,

 0.8422, 0.0000,

0.3462

0.4331

335.2187, 0.2690,
0.3453

■ 0.0000, 0.0000,
0.0000

■ 52.5475, 0.2329,
0.3582

■ 52.5475, 0.2329,
0.3582

■ 52.5375, 0.2329,
0.3584

■ 52.8115, 0.2335,
0.3550

■ 53.2647, 0.2356,
0.3519

■ 53.9657, 0.2395,
0.3486

■ 54.9478, 0.2454,
0.3455

■ 56.2395, 0.2531,
0.3423

■ 57.8654, 0.2627,
0.3393

■ 59.8479, 0.2737,
0.3364

■ 62.2073, 0.2861,
0.3337

■ 64.9625, 0.2994,
0.3312

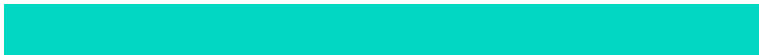
Harmonies

Analogous

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



52.5475, 0.2848, 0.4195



52.5475, 0.2329, 0.3582



52.5475, 0.2037, 0.2938

Triad

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



52.5475, 0.2329, 0.3582



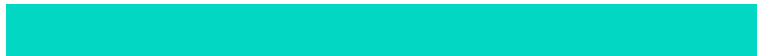
52.5475, 0.2687, 0.2341



52.5475, 0.4373, 0.3930

Complementary

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



52.5475, 0.2329, 0.3582



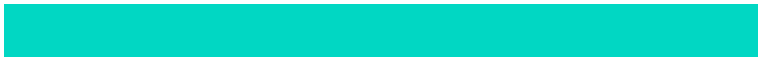
14.5261, 0.6298, 0.3247

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.



52.5475, 0.4353, 0.3443



52.5475, 0.2329, 0.3582



52.5475, 0.3317, 0.2579

Square

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



52.5475, 0.2329, 0.3582



52.5475, 0.2229, 0.2301



52.5475, 0.3952, 0.2968



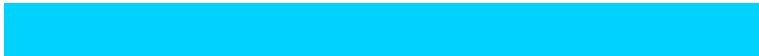
52.5475, 0.4036, 0.4328

Rectangle

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



52.5475, 0.2329, 0.3582



52.5475, 0.1988, 0.2614



52.5475, 0.3952, 0.2968



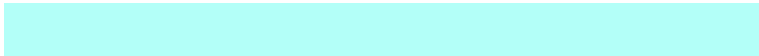
52.5475, 0.4411, 0.3772

Sweetspot

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



52.5495, 0.2329, 0.3582



87.8125, 0.2728, 0.3366



48.7799, 0.3022, 0.5980



18.5196, 0.2679, 0.3378



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.



52.5495, 0.2329, 0.3582



77.2999, 0.2330, 0.3587



20.7331, 0.1867, 0.1917



14.0869, 0.2995, 0.3312



31.4321, 0.2328, 0.3579



1.9018, 0.2312, 0.3524

Inverse Universe

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



14.5261, 0.6298, 0.3247



21.3252, 0.6319, 0.3255



21.2137, 0.5701, 0.3850



12.4395, 0.3277, 0.3269



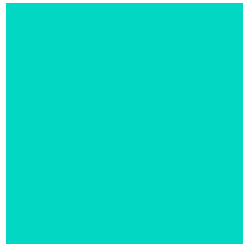
8.6784, 0.6287, 0.3237



0.5301, 0.5981, 0.3069

Previews

White Background



This preview shows how the Yxy color 52.5475, 0.2329, 0.3582 looks on a white background.

Color Contrast Check

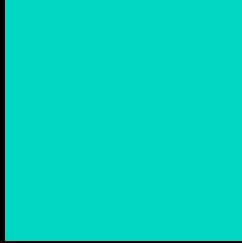
Large Text (above 18pt) WCAG AA × Fail

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 52.5475, 0.2329, 0.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

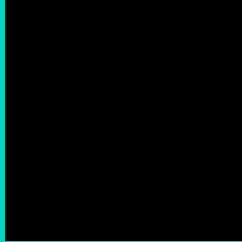
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

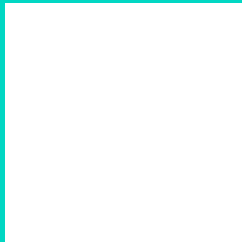
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5475, 0.2329, 0.3582

Background



This preview shows how black text looks on a background with the Yxy color 52.5475, 0.2329, 0.3582.

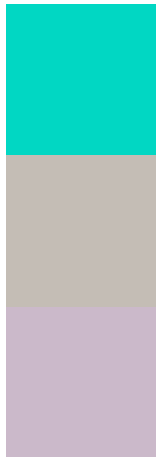


This preview shows how white text looks on a background with the Yxy color 52.5475, 0.2329, 0.3582.

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

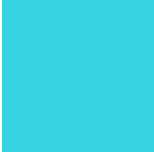
52.5475, 0.2329, 0.3582

Protanopia

51.4672, 0.3247, 0.3390

Deuteranopia

51.6587, 0.3145, 0.3086



Tritanopia

52.4235, 0.2239, 0.3055

Trichromacy



Original Color

52.5475, 0.2329, 0.3582



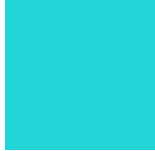
Protanomaly

48.2933, 0.2687, 0.3459



Deuteranomaly

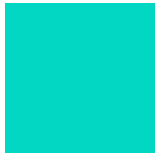
48.3492, 0.2636, 0.3247



Tritanomaly

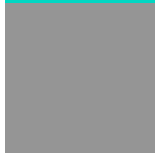
52.3506, 0.2263, 0.3245

Monochromacy



Original Color

52.5475, 0.2329, 0.3582



Achromatopsia

30.0544, 0.3127, 0.3290



Achromatomaly

35.0732, 0.2576, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5475, 0.2329, 0.3582 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(1, 215, 195)` looks like.

```
.text, #text, p{  
    color:rgb(1, 215, 195)  
}
```

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(1, 215, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 215, 195) }
```

Border

The CSS property to change the border of an element to Yxy 52.5475, 0.2329, 0.3582 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(1, 215, 195) }
```

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

```
.border{ border-color:rgb(1, 215, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 215, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 215, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 215, 195);  
box-shadow:4px 4px 4px 4px rgb(1, 215,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5475, 0.2329, 0.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 215, 195) }
```

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

```
.background{ background-color: rgb(1, 215,  
195) }
```

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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