

Converting Colors

$Y_{xy}(57.0555, 0.2287, 0.3427)$

Have a look what the booklet for
Yxy(57.0555, 0.2287, 0.3427)
contains.

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Color

Yxy(57.0154, 0.2287, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	03DED4
RGB	3, 222, 212
RGB Percent	1%, 87%, 83%
CMY	0.9888, 0.1294, 0.1687
CMYK	0.99, 0.00, 0.05, 0.13
HSL	177°, 97%, 44%
HSV	177°, 99%, 87%
XYZ	38.0380, 57.0154, 71.2692
YIQ	155.3790, -127.3140, -49.5380

Conversions

Conversions Part 2

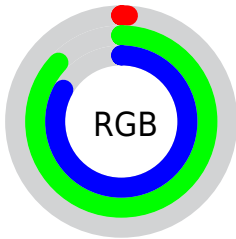
Format	Color
RYB	3, 115, 222
Decimal	253652
CIELab	80.19, -46.14, -7.81
CIELCh	80, 46.796, 189.606
Yxy	57.0154, 0.2287, 0.3428
Android (android.graphics.Color)	4278443732 (0xFF03DED4)
YUV	155.3790, 27.9142, -133.6364
Hunter-Lab	75.5085, -42.2193, -3.1053

Details

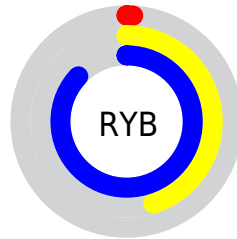
The Yxy color **57.0154, 0.2287, 0.3428** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **15.6219, 0.6344, 0.3278**, and the grayscale version is **32.8531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1195, 0.2417, 0.3288**, and **29.7411, 0.2287, 0.3435** is the 20% darker color. If you saturate the color by 10%, you get **56.9924, 0.2286, 0.3430**, and if you desaturate by 10%, it is **57.2580, 0.2297, 0.3413**.

Distribution



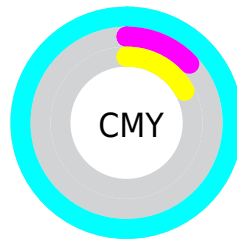
- Red (1%)
- Green (87%)
- Blue (83%)



- Red (1%)
- Yellow (45%)
- Blue (87%)



- Cyan (99%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)





- Cyan (99%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0154, 0.2287, 0.3428 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 57.0154, 0.2287, 0.3428 by changing the saturation by 10% instead.

 57.0154, 0.2287,
0.3428


 57.0154, 0.2287,
0.3428

413.5070, 0.2683,
0.3372


 41.0176, 0.2196,
0.3439

 100.4877, 0.2425,
0.3410


 28.3328, 0.2082,
0.3450


 128.7309, 0.2479,
0.3403


 18.5767, 0.1939,
0.3463


 161.8248, 0.2525,
0.3396

 11.3648, 0.1752,
0.3475

 200.1536, 0.2565,
0.3390

 6.3128, 0.1500,
0.3481

 244.1019, 0.2600,
0.3385

 3.0362, 0.1151,
0.3469

294.0540, 0.2631,

 1.1507, 0.0000,

0.3380

0.3627

350.3942, 0.2658,
0.3375

■ 0.0208, 0.0000,
0.0354

■ 0.0000, 0.0000,
0.0000

■ 57.0154, 0.2287,
0.3428

■ 57.0154, 0.2287,
0.3428

■ 56.9924, 0.2286,
0.3430

■ 57.2580, 0.2297,
0.3413

■ 57.7130, 0.2323,
0.3398

■ 58.4368, 0.2366,
0.3383

■ 59.4651, 0.2430,
0.3368

60.8283, 0.2512,
0.3353

62.5528, 0.2612,
0.3338

64.6628, 0.2729,
0.3325

67.1799, 0.2858,
0.3312

70.1246, 0.2999,
0.3300

Harmonies

Analogous

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



57.0154, 0.2743, 0.4036



57.0154, 0.2287, 0.3428



57.0154, 0.2060, 0.2847

Triad

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



57.0154, 0.2287, 0.3428



57.0154, 0.2831, 0.2418



57.0154, 0.4268, 0.3999

Complementary

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



57.0154, 0.2287, 0.3428



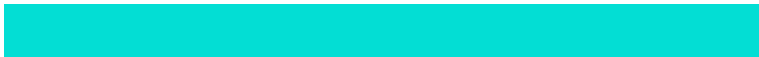
15.6219, 0.6344, 0.3278

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.



57.0154, 0.4327, 0.3545



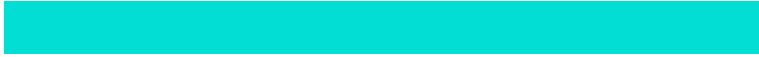
57.0154, 0.2287, 0.3428



57.0154, 0.3448, 0.2683

Square

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



57.0154, 0.2287, 0.3428



57.0154, 0.2349, 0.2337



57.0154, 0.4018, 0.3080



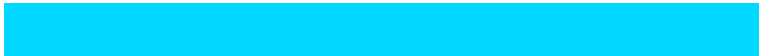
57.0154, 0.3891, 0.4334

Rectangle

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



57.0154, 0.2287, 0.3428



57.0154, 0.2048, 0.2571



57.0154, 0.4018, 0.3080



57.0154, 0.4328, 0.3854

Sweetspot

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



57.0175, 0.2287, 0.3428



88.0407, 0.2710, 0.3327



52.3451, 0.3009, 0.5985



18.5750, 0.2660, 0.3332



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.



57.0175, 0.2287, 0.3428



78.0106, 0.2286, 0.3431



19.5567, 0.1822, 0.1750



15.5609, 0.2988, 0.3300



33.8542, 0.2286, 0.3428



2.3500, 0.2279, 0.3404

Inverse Universe

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



15.6219, 0.6344, 0.3278



21.2858, 0.6368, 0.3282



24.9380, 0.5545, 0.3968



13.7107, 0.3285, 0.3280



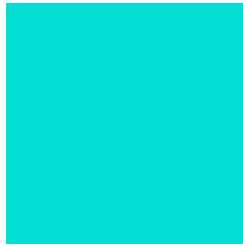
9.2419, 0.6350, 0.3272



0.6442, 0.6204, 0.3191

Previews

White Background



This preview shows how the Yxy color 57.0154, 0.2287, 0.3428 looks on a white background.

Color Contrast Check

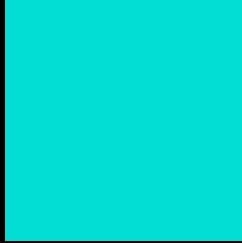
Large Text (above 18pt) WCAG AA × Fail

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 57.0154, 0.2287, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

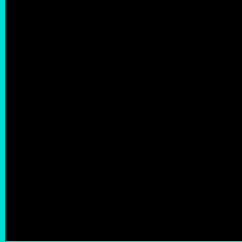
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0154, 0.2287, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 57.0154, 0.2287, 0.3428.

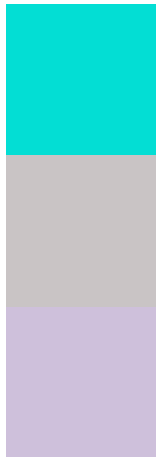


This preview shows how white text looks on a background with the Yxy color 57.0154, 0.2287, 0.3428.

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

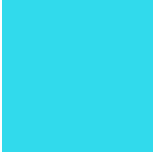
57.0154, 0.2287, 0.3428

Protanopia

55.9286, 0.3160, 0.3278

Deuteranopia

55.9356, 0.3039, 0.2978



Tritanopia

56.8519, 0.2224, 0.3049

Trichromacy



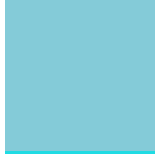
Original Color

57.0154, 0.2287, 0.3428



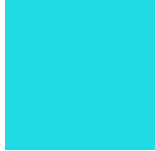
Protanomaly

52.5940, 0.2630, 0.3329



Deuteranomaly

52.5753, 0.2565, 0.3117



Tritanomaly

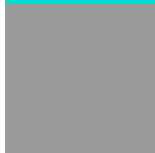
56.5162, 0.2238, 0.3179

Monochromacy



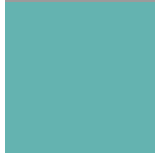
Original Color

57.0154, 0.2287, 0.3428



Achromatopsia

32.7778, 0.3127, 0.3290



Achromatomaly

38.0841, 0.2558, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0154, 0.2287, 0.3428 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, 222, 212)` looks like.

```
.text, #text, p{  
    color:rgb(3, 222, 212)  
}
```

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, 222, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 222, 212) }
```

Border

The CSS property to change the border of an element to Yxy 57.0154, 0.2287, 0.3428 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, 222, 212) }
```

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

```
.border{ border-color:rgb(3, 222, 212) }
```

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

Here you see how a box with a 4 pixel rgb(3, 222, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 222, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 222, 212);  
box-shadow:4px 4px 4px 4px rgb(3, 222,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0154, 0.2287, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 222, 212) }
```

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

```
.background{ background-color: rgb(3, 222,  
212) }
```

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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