

Converting Colors

XYZ(34.2204, 56.9448, 67.1834)

Have a look what the booklet for
XYZ(34.2204, 56.9448, 67.1834)
contains.

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Color

**XYZ(38.4885, 59.3459,
67.1840)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00E3CD |
| RGB | 0, 227, 205 |
| RGB Percent | 0%, 89%, 80% |
| CMY | 0.9998, 0.1098, 0.1961 |
| CMYK | 1.00, 0.00, 0.10, 0.11 |
| HSL | 174°, 100%, 45% |
| HSV | 174°, 100%, 89% |
| XYZ | 38.4885, 59.3459, 67.1840 |
| YIQ | 156.6190, -128.2300, -54.9660 |

Conversions

Conversions Part 2

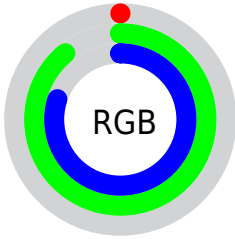
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 119, 227 |
| Decimal | 58317 |
| CIELab | 81.48, -50.26, -2.20 |
| CIElCh | 81, 50.312, 182.502 |
| Yxy | 59.3459, 0.2332, 0.3596 |
| Android (android.graphics.Color) | 4278248397 (0xFF00E3CD) |
| YUV | 156.6190, 23.8518, -137.3549 |
| Hunter-Lab | 77.0363, -45.6322, 2.2181 |

Details

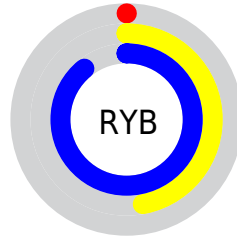
The XYZ color **38.4885, 59.3459, 67.1840** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **31.8254, 16.3905, 2.2477**, and the grayscale version is **31.8211, 33.4783, 36.4578**.

A 20% lighter version of the original color is **60.3655, 82.1195, 107.2768**, and **20.1488, 31.3602, 34.2693** is the 20% darker color. If you saturate the color by 10%, you get **38.4891, 59.3476, 67.1826**, and if you desaturate by 10%, it is **39.1048, 59.6341, 68.6108**.

Distribution



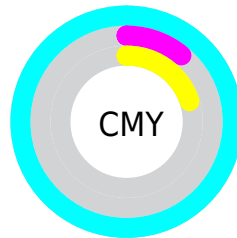
- Red (0%)
- Green (89%)
- Blue (80%)



- Red (0%)
- Yellow (47%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)





- Cyan (100%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4885, 59.3459, 67.1840 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 XYZ color 38.4885, 59.3459, 67.1840 by changing the saturation by 10% instead.


 38.4885, 59.3459,
67.1840


 38.4885, 59.3459,
67.1840


330.9556,
422.1826, 469.1188


 26.5410, 42.8916,
48.7716


 72.1553, 103.8802,
116.8272


 17.3636, 29.8001,
34.0740


 94.6054, 132.7291,
148.8951


 10.5910, 19.6869,
22.6727


 121.2870,
166.4782, 186.3519

 5.8578, 12.1677,
14.1490

 152.5655,
205.5121, 229.6162

 2.7986, 6.8580,
8.0844

 188.8062,
250.2151, 279.1065

 1.0482, 3.3734,
4.0605

230.3746,

 0.0000, 1.3297,

300.9715, 335.2413

1.6586

277.6360,
358.1659, 398.4392

■ 0.0000, 0.1640,
0.3321

■ 0.0000, 0.0000,
0.0000

■ 38.4885, 59.3459,
67.1840

■ 38.4885, 59.3459,
67.1840

■ 38.4891, 59.3476,
67.1826

■ 39.1048, 59.6341,
68.6108

■ 40.1305, 60.1315,
70.0749

■ 41.6978, 60.9077,
71.5841

■ 43.8819, 62.0014,
73.1419

■ 46.7459, 63.4452,
74.7513

■ 50.3453, 65.2677,
76.4151

■ 54.7298, 67.4944,
78.1355

■ 59.9446, 70.1488,
79.9149

■ 66.0317, 73.2524,
81.7552

Harmonies

Analogous

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



40.2747, 59.3459, 41.3568



38.4885, 59.3459, 67.1840



40.9854, 59.3459, 101.0830

Triad

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



38.4885, 59.3459, 67.1840



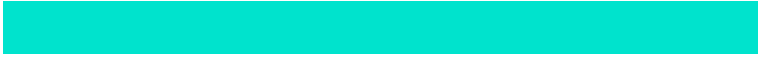
68.0095, 59.3459, 126.9540



66.2888, 59.3459, 25.6018

Complementary

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



38.4885, 59.3459, 67.1840



31.8254, 16.3905, 2.2477

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.



75.2790, 59.3459, 38.1831



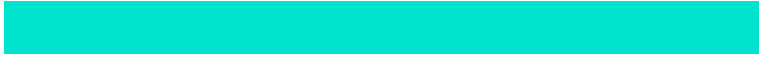
38.4885, 59.3459, 67.1840



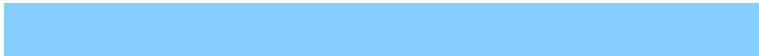
76.3563, 59.3459, 95.2850

Square

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



38.4885, 59.3459, 67.1840



57.2956, 59.3459, 141.6586



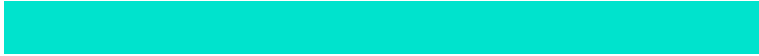
79.1677, 59.3459, 62.1174



55.5266, 59.3459, 22.2528

Rectangle

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



38.4885, 59.3459, 67.1840



44.9493, 59.3459, 122.4567



79.1677, 59.3459, 62.1174



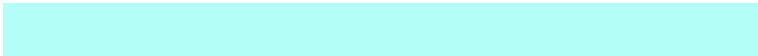
69.6618, 59.3459, 28.6468

Sweetspot

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



38.4902, 59.3482, 67.1854



71.1138, 87.7957, 101.6671



27.8177, 55.1192, 9.1742



14.6774, 18.5155, 21.5557



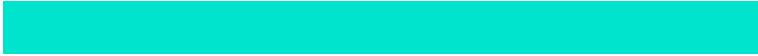
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.4902, 59.3482, 67.1854



50.0823, 77.2489, 87.3402



22.7013, 23.2169, 75.9603



14.7440, 16.3110, 18.1829



22.4704, 34.6203, 39.3070



1.6781, 2.5654, 2.9973

Inverse Universe

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



31.8254, 16.3905, 2.2477



41.4125, 21.3290, 2.8382



35.4063, 23.7844, 2.7260



14.4335, 14.3906, 15.2170



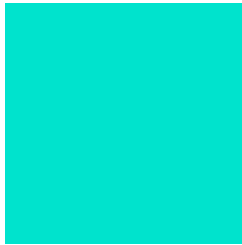
18.5786, 9.5657, 1.4100



1.3923, 0.7146, 0.2065

Previews

White Background



This preview shows how the XYZ color 38.4885, 59.3459, 67.1840 looks on a white background.

Color Contrast Check

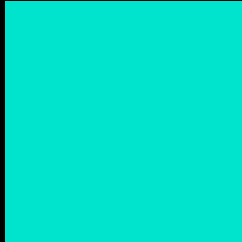
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 38.4885, 59.3459, 67.1840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

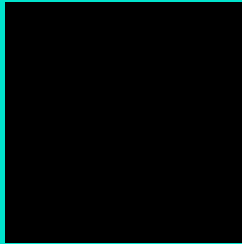
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

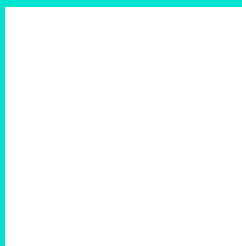
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.4885, 59.3459, 67.1840

Background



This preview shows how black text looks on a background with the XYZ color 38.4885, 59.3459, 67.1840.

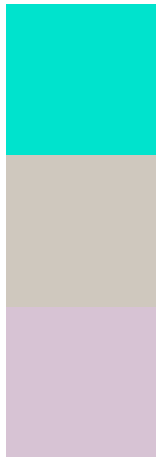


This preview shows how white text looks on a background with the XYZ color 38.4885, 59.3459,

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

38.4885, 59.3459, 67.1840

Protanopia

55.6807, 58.2917, 57.0319

Deuteranopia

59.4231, 58.2308, 70.3951



Tritanopia

43.5368, 59.4037, 91.6095

Trichromacy



Original Color

38.4885, 59.3459, 67.1840



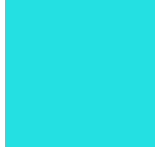
Protanomaly

42.4126, 54.9389, 59.9986



Deuteranomaly

44.1380, 54.5475, 68.5240



Tritanomaly

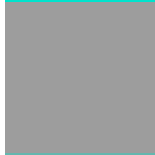
41.2483, 59.2324, 81.9320

Monochromacy



Original Color

38.4885, 59.3459, 67.1840



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

29.6235, 39.2212, 46.0535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4885, 59.3459, 67.1840 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(0, 227, 205)` looks like.

```
.text, #text, p{  
    color:rgb(0, 227, 205)  
}
```

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(0, 227, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 227, 205) }
```

Border

The CSS property to change the border of an element to XYZ 38.4885, 59.3459, 67.1840 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(0, 227, 205) }
```


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

```
.border{ border-color:rgb(0, 227, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 227, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 227, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 227, 205);  
box-shadow:4px 4px 4px 4px rgb(0, 227,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4885, 59.3459, 67.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 227, 205) }
```

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

```
.background{ background-color: rgb(0, 227,  
205) }
```

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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