

Converting Colors

XYZ(39.2211, 57.7710, 76.4791)

Have a look what the booklet for
XYZ(39.2211, 57.7710, 76.4791)
contains.

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Color

**XYZ(39.3685, 57.9749,
76.8255)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 05DFDC |
| RGB | 5, 223, 220 |
| RGB Percent | 2%, 87%, 86% |
| CMY | 0.9802, 0.1255, 0.1372 |
| CMYK | 0.98, 0.00, 0.01, 0.13 |
| HSL | 179°, 96%, 45% |
| HSV | 179°, 98%, 87% |
| XYZ | 39.3685, 57.9749, 76.8255 |
| YIQ | 157.4760, -128.9650, -47.1490 |

Conversions

Conversions Part 2

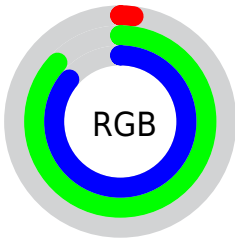
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 5, 115, 223 |
| Decimal | 384988 |
| CIELab | 80.72, -44.21, -11.28 |
| CIELCh | 81, 45.623, 194.320 |
| Yxy | 57.9749, 0.2260, 0.3329 |
| Android (android.graphics.Color) | 4278575068 (0xFF05DFDC) |
| YUV | 157.4760, 30.8243, -133.7215 |
| Hunter-Lab | 76.1413, -40.9545, -6.5239 |

Details

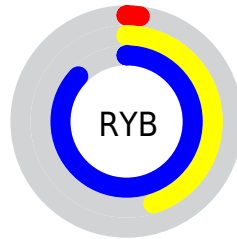
The XYZ color **39.3685, 57.9749, 76.8255** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **30.5314, 15.8158, 1.6749**, and the grayscale version is **32.1770, 33.8527, 36.8656**.

A 20% lighter version of the original color is **60.6201, 82.2507, 107.2887**, and **20.6102, 30.3540, 40.3700** is the 20% darker color. If you saturate the color by 10%, you get **39.2978, 57.9408, 76.7754**, and if you desaturate by 10%, it is **39.8091, 58.1986, 77.0600**.

Distribution



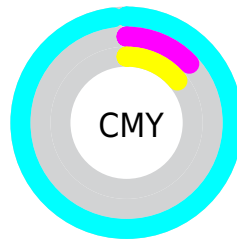
- Red (2%)
- Green (87%)
- Blue (86%)



- Red (2%)
- Yellow (45%)
- Blue (87%)



- Cyan (98%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)





- Cyan (98%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3685, 57.9749, 76.8255 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 39.3685, 57.9749, 76.8255 by changing the saturation by 10% instead.


 39.3685, 57.9749,
76.8255


 39.3685, 57.9749,
76.8255


334.6349,
417.0924, 503.5907


 27.2285, 41.7885,
56.5990


 73.4914, 101.8863,
130.6639


 17.8824, 28.9357,
40.2761


 96.2050, 130.3801,
165.1128


 10.9648, 19.0322,
27.4385


 123.1739,
163.7451, 205.1396

 6.1103, 11.6935,
17.6675

 154.7635,
202.3657, 251.1628

 2.9535, 6.5354,
10.5445

 191.3390,
246.6264, 303.6010

 1.1292, 3.1733,
5.6512

233.2658,

 0.0494, 1.2228,

296.9114, 362.8727

2.5688

280.9093,
353.6053, 429.3964

■ 0.0000, 0.0802,
0.8763

■ 0.0000, 0.0000,
0.0000

■ 39.3685, 57.9749,
76.8255

■ 39.3685, 57.9749,
76.8255

■ 39.2978, 57.9408,
76.7754

■ 39.8091, 58.1986,
77.0600

■ 40.6869, 58.6464,
77.3140

■ 42.0984, 59.3693,
77.5934

■ 44.1125, 60.4029,
77.9014

■ 46.7877, 61.7773,
78.2407

■ 50.1756, 63.5191,
78.6138

■ 54.3228, 65.6522,
79.0227

■ 59.2717, 68.1988,
79.4696

■ 65.0619, 71.1789,
79.9563

Harmonies

Analogous

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



39.4574, 57.9749, 50.1329



39.3685, 57.9749, 76.8255



43.1480, 57.9749, 106.6803

Triad

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



39.3685, 57.9749, 76.8255



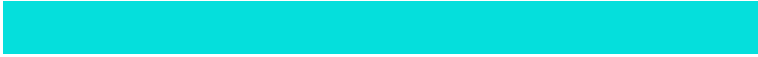
68.7330, 57.9749, 107.9185



60.1384, 57.9749, 25.2296

Complementary

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



39.3685, 57.9749, 76.8255



30.5314, 15.8158, 1.6749

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.



69.0854, 57.9749, 33.4062



39.3685, 57.9749, 76.8255



74.4193, 57.9749, 78.1872

Square

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



39.3685, 57.9749, 76.8255



59.6999, 57.9749, 127.8045



74.5552, 57.9749, 51.1583



50.7491, 57.9749, 25.0573

Rectangle

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



39.3685, 57.9749, 76.8255



47.6302, 57.9749, 122.2731



74.5552, 57.9749, 51.1583



63.3201, 57.9749, 26.9998

Sweetspot

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



39.3702, 57.9771, 76.8269



72.7142, 88.5044, 107.0011



26.5249, 52.8442, 8.9470



15.0337, 18.6709, 22.8510



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.



39.3702, 57.9771, 76.8269



53.2497, 78.5159, 104.0193



19.8215, 18.2375, 72.2898



14.1080, 15.5689, 17.6040



23.1094, 34.0686, 45.1609



1.6045, 2.3625, 3.1443

Inverse Universe

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



30.5314, 15.8158, 1.6749



41.2592, 21.2677, 2.0313



36.0788, 26.9369, 3.4429



13.7149, 13.7036, 14.2687



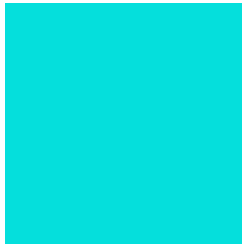
17.9065, 9.2296, 0.9073



1.2439, 0.6408, 0.0773

Previews

White Background



This preview shows how the XYZ color 39.3685, 57.9749, 76.8255 looks on a white background.

Color Contrast Check

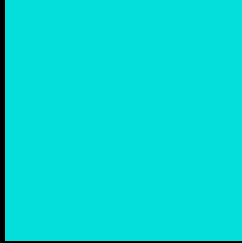
Large Text (above 18pt) WCAG AA × Fail

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 39.3685, 57.9749, 76.8255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

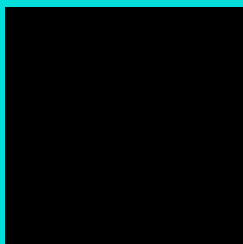
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

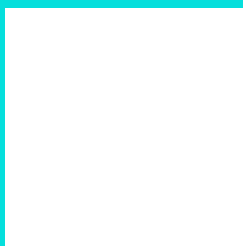
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3685, 57.9749, 76.8255

Background



This preview shows how black text looks on a background with the XYZ color 39.3685, 57.9749, 76.8255.

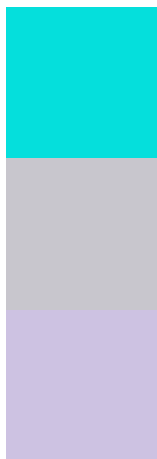


This preview shows how white text looks on a background with the XYZ color 39.3685, 57.9749,

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

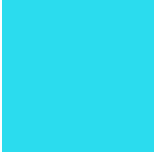
39.3685, 57.9749, 76.8255

Protanopia

55.0329, 57.0753, 65.8737

Deuteranopia

58.1961, 57.0537, 79.8967



Tritanopia

42.0221, 57.8730, 89.8447

Trichromacy



Original Color

39.3685, 57.9749, 76.8255



Protanomaly

42.9989, 53.9459, 69.1191



Deuteranomaly

44.8016, 53.9500, 78.5731



Tritanomaly

40.7870, 57.7436, 84.5972

Monochromacy



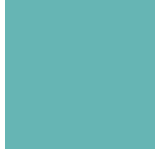
Original Color

39.3685, 57.9749, 76.8255



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

30.2416, 39.1678, 49.1463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3685, 57.9749, 76.8255 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(5, 223, 220)` looks like.

```
.text, #text, p{  
    color:rgb(5, 223, 220)  
}
```

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(5, 223, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 223, 220) }
```

Border

The CSS property to change the border of an element to XYZ 39.3685, 57.9749, 76.8255 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(5, 223, 220) }
```


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

```
.border{ border-color:rgb(5, 223, 220) }
```

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

Here you see how a box with a 4 pixel rgb(5, 223, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 223, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 223, 220);  
box-shadow:4px 4px 4px 4px rgb(5, 223,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3685, 57.9749, 76.8255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 223, 220) }
```

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

```
.background{ background-color: rgb(5, 223,  
220) }
```

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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