

Converting Colors

XYZ(34.4811, 55.5710, 75.9553)

Have a look what the booklet for
XYZ(34.4811, 55.5710, 75.9553)
contains.

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Color

**XYZ(39.1739, 57.8898,
76.1270)**

Conversions

Conversions Part 1

Format	Color
Hex	00DFDB
RGB	0, 223, 219
RGB Percent	0%, 87%, 86%
CMY	0.9998, 0.1255, 0.1412
CMYK	1.00, 0.00, 0.02, 0.13
HSL	179°, 100%, 44%
HSV	179°, 100%, 87%
XYZ	39.1739, 57.8898, 76.1270
YIQ	155.8670, -131.6240, -48.5200

Conversions

Conversions Part 2

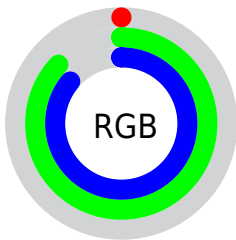
Format	Color
RYB	0, 113, 223
Decimal	57307
CIELab	80.68, -44.62, -10.82
CIELCh	81, 45.911, 193.637
Yxy	57.8898, 0.2262, 0.3343
Android (android.graphics.Color)	4278247387 (0xFF00DFDB)
YUV	155.8670, 31.1246, -136.6954
Hunter-Lab	76.0853, -41.2454, -6.0627

Details

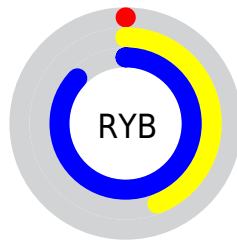
The XYZ color **39.1739, 57.8898, 76.1270** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **30.4553, 15.6987, 1.5416**, and the grayscale version is **31.4570, 33.0952, 36.0406**.

A 20% lighter version of the original color is **60.4921, 82.1847, 107.2827**, and **20.5196, 30.3178, 39.8924** is the 20% darker color. If you saturate the color by 10%, you get **39.1748, 57.8915, 76.1276**, and if you desaturate by 10%, it is **39.5665, 58.0874, 76.4221**.

Distribution



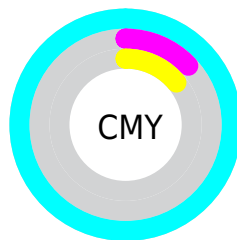
- Red (0%)
- Green (87%)
- Blue (86%)



- Red (0%)
- Yellow (44%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)





- Cyan (100%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1739, 57.8898, 76.1270 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 39.1739, 57.8898, 76.1270 by changing the saturation by 10% instead.


 39.1739, 57.8898,
76.1270


 39.1739, 57.8898,
76.1270


333.8237,
416.7752, 501.1407


 27.0764, 41.7201,
56.0294


 73.1963, 101.7624,
129.6681


 17.7675, 28.8822,
39.8223


 95.8518, 130.2340,
163.9487


 10.8818, 18.9917,
27.0873


 122.7574,
163.5750, 203.7941

 6.0541, 11.6643,
17.4058

 154.2785,
202.1698, 249.6227

 2.9190, 6.5155,
10.3592

 190.7802,
246.4029, 301.8531

 1.1111, 3.1610,
5.5291

232.6281,

 0.0344, 1.2164,

296.6585, 360.9039

2.4968

280.1875,
353.3212, 427.1936

■ 0.0000, 0.0750,
0.8385

■ 0.0000, 0.0000,
0.0000

■ 39.1739, 57.8898,
76.1270

■ 39.1739, 57.8898,
76.1270

■ 39.1748, 57.8915,
76.1276

■ 39.5665, 58.0874,
76.4221

■ 40.3479, 58.4841,
76.7348

■ 41.6457, 59.1470,
77.0723

■ 43.5317, 60.1131,
77.4380

■ 46.0665, 61.4137,
77.8347

■ 49.3029, 63.0760,
78.2649

■ 53.2887, 65.1245,
78.7308

■ 58.0670, 67.5816,
79.2345

■ 63.6781, 70.4680,
79.7779

Harmonies

Analogous

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



39.3527, 57.8898, 49.4686



39.1739, 57.8898, 76.1270



42.8824, 57.8898, 106.2391

Triad

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



39.1739, 57.8898, 76.1270



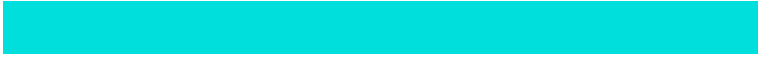
68.5509, 57.8898, 108.7391



60.3064, 57.8898, 25.1017

Complementary

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



39.1739, 57.8898, 76.1270



30.4553, 15.6987, 1.5416

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.



69.2615, 57.8898, 33.4886



39.1739, 57.8898, 76.1270



74.3816, 57.8898, 78.8727

Square

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



39.1739, 57.8898, 76.1270



59.4227, 57.8898, 128.4040



74.6556, 57.8898, 51.5323



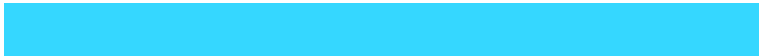
50.8451, 57.8898, 24.7563

Rectangle

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



39.1739, 57.8898, 76.1270



47.3356, 57.8898, 122.1633



74.6556, 57.8898, 51.5323



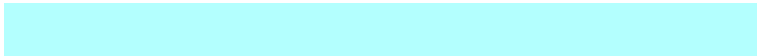
63.4995, 57.8898, 26.9347

Sweetspot

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



39.1756, 57.8920, 76.1284



72.0647, 88.1761, 106.6745



26.4826, 52.8255, 8.8023



14.9088, 18.6081, 22.7741



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.



39.1756, 57.8920, 76.1284



53.0818, 78.4487, 103.1351



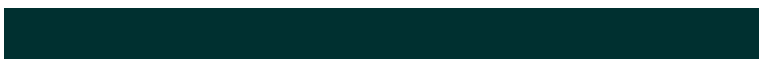
19.9129, 18.5131, 72.3381



14.1054, 15.5679, 17.5903



23.0382, 34.0401, 44.7858



1.6003, 2.3609, 3.1225

Inverse Universe

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



30.4553, 15.6987, 1.5416



41.2651, 21.2700, 2.0620



35.3931, 25.6094, 3.0794



13.7172, 13.7045, 14.2808



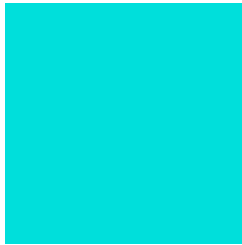
17.9105, 9.2312, 0.9285



1.2450, 0.6413, 0.0831

Previews

White Background



This preview shows how the XYZ color 39.1739, 57.8898, 76.1270 looks on a white background.

Color Contrast Check

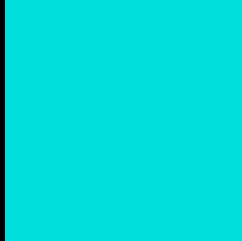
Large Text (above 18pt) WCAG AA × Fail

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 39.1739, 57.8898, 76.1270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

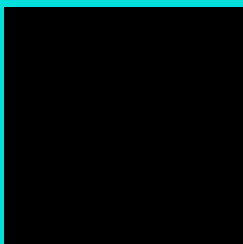
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

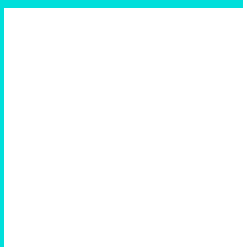
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1739, 57.8898, 76.1270

Background



This preview shows how black text looks on a background with the XYZ color 39.1739, 57.8898, 76.1270.

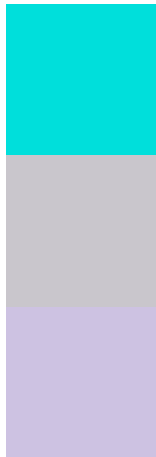


This preview shows how white text looks on a background with the XYZ color 39.1739, 57.8898,

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

39.1739, 57.8898, 76.1270

Protanopia

55.1806, 57.1653, 65.2524

Deuteranopia

58.1961, 57.0537, 79.8967



Tritanopia

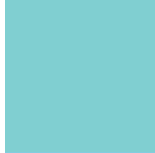
42.0645, 57.8949, 89.8467

Trichromacy



Original Color

39.1739, 57.8898, 76.1270



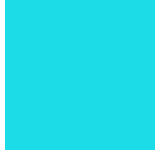
Protanomaly

42.7235, 53.8183, 68.4578



Deuteranomaly

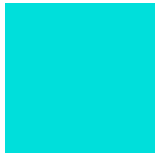
44.3565, 53.7362, 77.8463



Tritanomaly

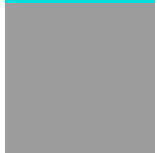
40.7591, 57.7293, 84.5959

Monochromacy



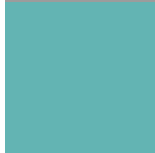
Original Color

39.1739, 57.8898, 76.1270



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

29.6035, 38.5498, 48.5284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1739, 57.8898, 76.1270 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, 223, 219)` looks like.

```
.text, #text, p{  
    color:rgb(0, 223, 219)  
}
```

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, 223, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 223, 219) }
```

Border

The CSS property to change the border of an element to XYZ 39.1739, 57.8898, 76.1270 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, 223, 219) }
```


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

```
.border{ border-color:rgb(0, 223, 219) }
```

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

Here you see how a box with a 4 pixel rgb(0, 223, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 223, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 223, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 223,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1739, 57.8898, 76.1270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 223, 219) }
```

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

```
.background{ background-color: rgb(0, 223,  
219) }
```

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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