

Converting Colors

XYZ(39.3295, 57.4717, 78.0222)

Have a look what the booklet for
XYZ(39.3295, 57.4717, 78.0222)
contains.

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Color

**XYZ(39.3937, 57.5616,
78.1415)**

Conversions

Conversions Part 1

Format	Color
Hex	07DEDE
RGB	7, 222, 222
RGB Percent	3%, 87%, 87%
CMY	0.9723, 0.1294, 0.1294
CMYK	0.97, 0.00, 0.00, 0.13
HSL	180°, 94%, 45%
HSV	180°, 97%, 87%
XYZ	39.3937, 57.5616, 78.1415
YIQ	157.7150, -128.1400, -45.5800

Conversions

Conversions Part 2

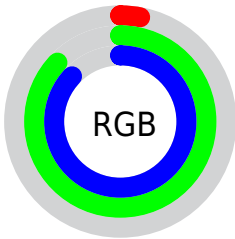
Format	Color
RYB	7, 115, 222
Decimal	515806
CIELab	80.49, -43.13, -12.69
CIELCh	80, 44.961, 196.397
Yxy	57.5616, 0.2250, 0.3287
Android (android.graphics.Color)	4278705886 (0xFF07DEDE)
YUV	157.7150, 31.6925, -132.1771
Hunter-Lab	75.8694, -40.0887, -7.9571

Details

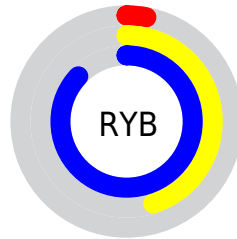
The XYZ color **39.3937, 57.5616, 78.1415** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **30.2404, 15.6987, 1.6390**, and the grayscale version is **32.2813, 33.9624, 36.9851**.

A 20% lighter version of the original color is **60.6201, 82.2507, 107.2887**, and **20.6113, 30.0625, 41.2755** is the 20% darker color. If you saturate the color by 10%, you get **39.3071, 57.5182, 78.1387**, and if you desaturate by 10%, it is **39.8211, 57.7832, 78.1629**.

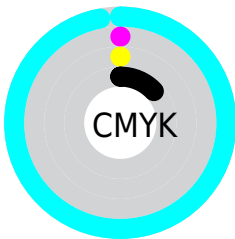
Distribution



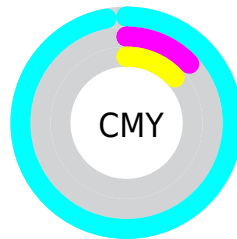
- Red (3%)
- Green (87%)
- Blue (87%)



- Red (3%)
- Yellow (45%)
- Blue (87%)



- Cyan (97%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)




- Cyan (97%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3937, 57.5616, 78.1415 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 39.3937, 57.5616, 78.1415 by changing the saturation by 10% instead.


 39.3937, 57.5616,
78.1415


 39.3937, 57.5616,
78.1415

334.7399,
415.5504, 508.1879


 27.2482, 41.4563,
57.6731


 73.5296, 101.2842,
132.5373


 17.8973, 28.6758,
41.1329


 96.2508, 129.6702,
167.3017


 10.9755, 18.8357,
28.1025


 123.2278,
162.9187, 207.6685

 6.1175, 11.5516,
18.1632

 154.8262,
201.4139, 254.0563

 2.9580, 6.4392,
10.8966

 191.4113,
245.5403, 306.8836

 1.1316, 3.1139,
5.8840

233.3483,

 0.0513, 1.1915,

295.6822, 366.5689

2.7070

281.0027,
352.2241, 433.5309

■ 0.0000, 0.0547,
0.9470

■ 0.0000, 0.0000,
0.0000

■ 39.3937, 57.5616,
78.1415

■ 39.3937, 57.5616,
78.1415

■ 39.3071, 57.5182,
78.1387

■ 39.8211, 57.7832,
78.1629

■ 40.6955, 58.2340,
78.2040

■ 42.1049, 58.9605,
78.2700

■ 44.1161, 59.9973,
78.3643

■ 46.7863, 61.3739,
78.4893

■ 50.1660, 63.1162,
78.6476

■ 54.3009, 65.2478,
78.8412

■ 59.2327, 67.7902,
79.0721

■ 65.0001, 70.7634,
79.3422

Harmonies

Analogous

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



39.2141, 57.5616, 51.4676



39.3937, 57.5616, 78.1415



43.3639, 57.5616, 107.1416

Triad

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



39.3937, 57.5616, 78.1415



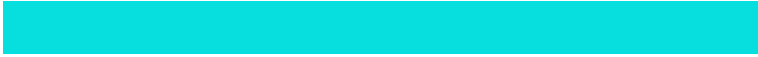
68.5907, 57.5616, 104.6557



58.9904, 57.5616, 25.1235

Complementary

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



39.3937, 57.5616, 78.1415



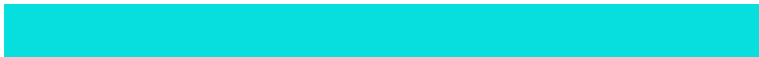
30.2404, 15.6987, 1.6390

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.



67.8817, 57.5616, 32.6099



39.3937, 57.5616, 78.1415



73.8309, 57.5616, 75.4012

Square

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



39.3937, 57.5616, 78.1415



59.8737, 57.5616, 125.1518



73.5577, 57.5616, 49.3968



49.8532, 57.5616, 25.4738

Rectangle

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



39.3937, 57.5616, 78.1415



47.9096, 57.5616, 121.7202



73.5577, 57.5616, 49.3968



62.1265, 57.5616, 26.6911

Sweetspot

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



39.3954, 57.5637, 78.1429



72.8777, 88.5698, 107.8619



26.2940, 52.3284, 8.9172



15.0738, 18.6869, 23.0623



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.



39.3954, 57.5637, 78.1429



53.8097, 78.7399, 106.9685



19.7652, 18.3029, 71.6005



14.1166, 15.5724, 17.6494



23.3469, 34.1636, 46.4114



1.6183, 2.3680, 3.2170

Inverse Universe

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



30.2404, 15.6987, 1.6390



41.2400, 21.2600, 1.9301



35.8425, 26.9029, 3.5063



13.7073, 13.7006, 14.2288



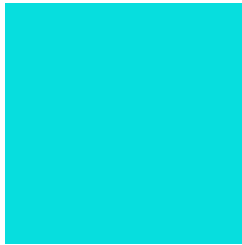
17.8932, 9.2243, 0.8374



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 39.3937, 57.5616, 78.1415 looks on a white background.

Color Contrast Check

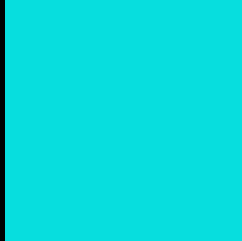
Large Text (above 18pt) WCAG AA × Fail

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 39.3937, 57.5616, 78.1415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

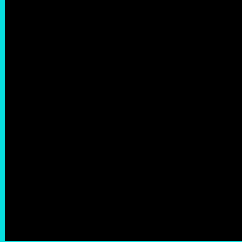
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

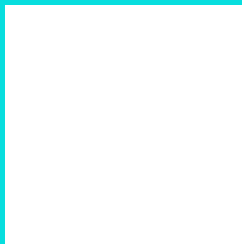
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3937, 57.5616, 78.1415

Background



This preview shows how black text looks on a background with the XYZ color 39.3937, 57.5616, 78.1415.

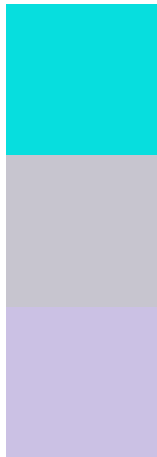


This preview shows how white text looks on a background with the XYZ color 39.3937, 57.5616,

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

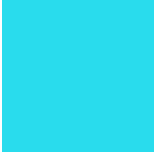
39.3937, 57.5616, 78.1415

Protanopia

54.7819, 56.5796, 67.0651

Deuteranopia

57.7022, 56.4379, 81.2512



Tritanopia

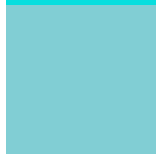
41.7937, 57.7722, 89.0692

Trichromacy



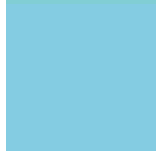
Original Color

39.3937, 57.5616, 78.1415



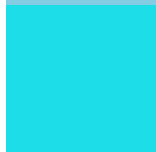
Protanomaly

43.0082, 53.5632, 70.3593



Deuteranomaly

44.8361, 53.5823, 79.9308



Tritanomaly

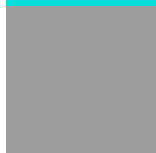
40.9286, 57.8003, 85.3433

Monochromacy



Original Color

39.3937, 57.5616, 78.1415



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

30.4579, 39.2675, 49.6901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3937, 57.5616, 78.1415 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(7, 222, 222)` looks like.

```
.text, #text, p{  
    color:rgb(7, 222, 222)  
}
```

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(7, 222, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 222, 222) }
```

Border

The CSS property to change the border of an element to XYZ 39.3937, 57.5616, 78.1415 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(7, 222, 222) }
```


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

```
.border{ border-color:rgb(7, 222, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 222, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 222, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 222, 222);  
box-shadow:4px 4px 4px 4px rgb(7, 222,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3937, 57.5616, 78.1415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 222, 222) }
```

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

```
.background{ background-color: rgb(7, 222,  
222) }
```

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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