

Converting Colors

XYZ(39.1575, 53.8683, 88.4185)

Have a look what the booklet for
XYZ(39.1575, 53.8683, 88.4185)
contains.

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Color

**XYZ(39.0803, 53.7029,
88.4267)**

Conversions

Conversions Part 1

Format	Color
Hex	00D5ED
RGB	0, 213, 237
RGB Percent	0%, 84%, 93%
CMY	0.9997, 0.1647, 0.0706
CMYK	1.00, 0.10, 0.00, 0.07
HSL	186°, 100%, 46%
HSV	186°, 100%, 93%
XYZ	39.0803, 53.7029, 88.4267
YIQ	152.0490, -134.6520, -37.6920

Conversions

Conversions Part 2

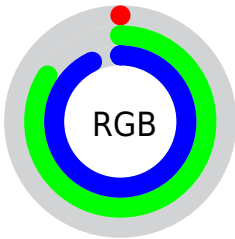
Format	Color
RYB	0, 112, 237
Decimal	54765
CIELab	78.29, -34.61, -24.03
CIELCh	78, 42.138, 214.771
Yxy	53.7029, 0.2157, 0.2964
Android (android.graphics.Color)	4278244845 (0xFF00D5ED)
YUV	152.0490, 41.8808, -133.3470
Hunter-Lab	73.2823, -33.0527, -20.2452

Details

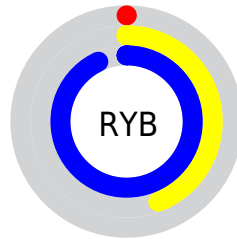
The XYZ color **39.0803, 53.7029, 88.4267** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **35.2538, 18.6608, 1.7457**, and the grayscale version is **29.7417, 31.2906, 34.0755**.

A 20% lighter version of the original color is **60.6201, 82.2507, 107.2887**, and **20.5673, 27.7899, 47.9960** is the 20% darker color. If you saturate the color by 10%, you get **39.0796, 53.7011, 88.4274**, and if you desaturate by 10%, it is **40.0607, 55.1124, 88.6481**.

Distribution



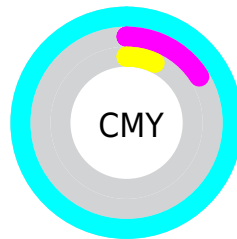
- Red (0%)
- Green (84%)
- Blue (93%)



- Red (0%)
- Yellow (44%)
- Blue (93%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (7%)





- Cyan (100%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0803, 53.7029, 88.4267 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 39.0803, 53.7029, 88.4267 by changing the saturation by 10% instead.


 39.0803, 53.7029,
88.4267


 39.0803, 53.7029,
88.4267


333.4331,
400.9761, 543.3370


 27.0032, 38.3642,
66.1102


 73.0543, 95.6379,
147.0674

 17.7122, 26.2655,
47.9048


 95.6818, 123.0029,
184.2287


 10.8420, 17.0223,
33.3920


 122.5570,
155.1456, 227.1753

 6.0272, 10.2504,
22.1534

 154.0450,
192.4502, 276.3258

 2.9025, 5.5653,
13.7702

 190.5112,
235.3011, 332.0986

 1.1024, 2.5826,
7.8241

232.3211,

 0.0271, 0.9179,

284.0828, 394.9124

3.8965

279.8399,
339.1797, 465.1857

■ 0.0000, 0.0000,
1.5687

■ 0.0000, 0.0000,
0.2683

■ 39.0803, 53.7029,
88.4267

■ 39.0803, 53.7029,
88.4267

■ 39.0796, 53.7011,
88.4274

■ 40.0607, 55.1124,
88.6481

■ 41.5007, 56.7711,
88.8924

■ 43.5438, 58.7541,
89.1675

■ 46.2738, 61.1046,
89.4773

■ 49.7612, 63.8591,
89.8251

■ 54.0675, 67.0493,
90.2139

■ 59.2479, 70.7037,
90.6463

■ 65.3530, 74.8485,
91.1245

■ 72.4292, 79.5075,
91.6508

Harmonies

Analogous

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



36.7996, 53.7029, 62.3370



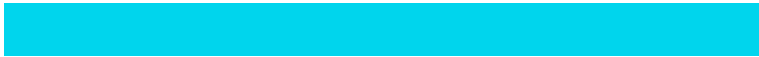
39.0803, 53.7029, 88.4267



44.5702, 53.7029, 110.0047

Triad

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



39.0803, 53.7029, 88.4267



66.7945, 53.7029, 80.0750



49.7339, 53.7029, 23.8576

Complementary

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



39.0803, 53.7029, 88.4267



35.2538, 18.6608, 1.7457

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.



58.1139, 53.7029, 26.2316



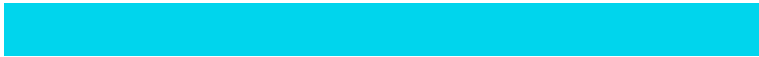
39.0803, 53.7029, 88.4267



68.5559, 53.7029, 54.7727

Square

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



39.0803, 53.7029, 88.4267



60.6434, 53.7029, 104.3419



65.2272, 53.7029, 36.1865



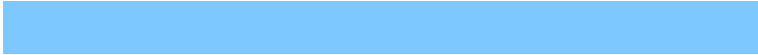
42.5134, 53.7029, 28.5107

Rectangle

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



39.0803, 53.7029, 88.4267



49.6095, 53.7029, 116.4482



65.2272, 53.7029, 36.1865



52.5038, 53.7029, 23.8750

Sweetspot

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



39.0820, 53.7048, 88.4280



69.8628, 83.4197, 107.0272



30.4478, 60.6345, 10.9499



14.3729, 17.4503, 22.8607



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.



39.0820, 53.7048, 88.4280



46.1169, 63.3538, 104.4056



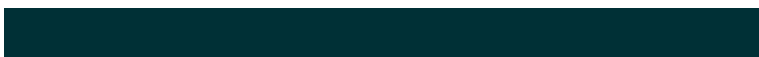
19.3648, 14.2704, 81.8556



15.3797, 16.8459, 19.3632



21.3917, 29.4305, 48.2962



1.7174, 2.3864, 3.8050

Inverse Universe

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



46.9368, 22.8104, 64.8817



55.4069, 26.9267, 76.5317



44.6326, 37.4184, 4.8720



15.6452, 15.2859, 18.6830



25.6529, 12.4638, 35.5689



2.0334, 0.9863, 2.8932

Previews

White Background



This preview shows how the XYZ color 39.0803, 53.7029, 88.4267 looks on a white background.

Color Contrast Check

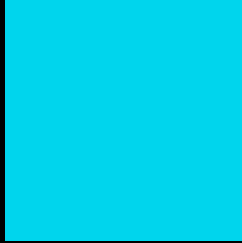
Large Text (above 18pt) WCAG AA × Fail

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 39.0803, 53.7029, 88.4267 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 39.0803, 53.7029, 88.4267

Background



This preview shows how black text looks on a background with the XYZ color 39.0803, 53.7029, 88.4267.

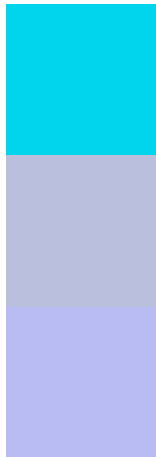


This preview shows how white text looks on a background with the XYZ color 39.0803, 53.7029,

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

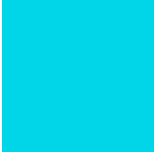
39.0803, 53.7029, 88.4267

Protanopia

52.3091, 53.1003, 76.5996

Deuteranopia

54.1685, 52.7518, 92.1211



Tritanopia

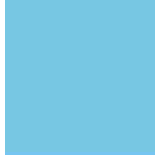
38.4704, 53.8627, 83.9702

Trichromacy



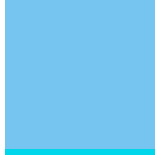
Original Color

39.0803, 53.7029, 88.4267



Protanomaly

41.8963, 50.3148, 80.1766



Deuteranomaly

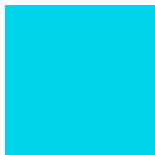
43.3147, 50.1349, 90.6132



Tritanomaly

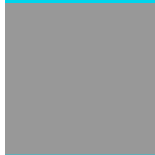
38.7545, 53.9763, 85.4667

Monochromacy



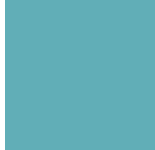
Original Color

39.0803, 53.7029, 88.4267



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

28.6131, 36.2324, 50.2852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0803, 53.7029, 88.4267 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, 213, 237)` looks like.

```
.text, #text, p{  
    color:rgb(0, 213, 237)  
}
```

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, 213, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 213, 237) }
```

Border

The CSS property to change the border of an element to XYZ 39.0803, 53.7029, 88.4267 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, 213, 237) }
```


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

```
.border{ border-color:rgb(0, 213, 237) }
```

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

Here you see how a box with a 4 pixel rgb(0, 213, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 213, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 213, 237);  
box-shadow:4px 4px 4px 4px rgb(0, 213,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0803, 53.7029, 88.4267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 213, 237) }
```

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

```
.background{ background-color: rgb(0, 213,  
237) }
```

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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