

Converting Colors

XYZ(35.6133, 56.1317, 84.6916)

Have a look what the booklet for
XYZ(35.6133, 56.1317, 84.6916)
contains.

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Color

**XYZ(41.0795, 59.0808,
84.8399)**

Conversions

Conversions Part 1

Format	Color
Hex	00E0E7
RGB	0, 224, 231
RGB Percent	0%, 88%, 91%
CMY	0.9997, 0.1216, 0.0941
CMYK	1.00, 0.03, 0.00, 0.09
HSL	182°, 100%, 45%
HSV	182°, 100%, 91%
XYZ	41.0795, 59.0808, 84.8399
YIQ	157.8220, -135.7510, -45.3110

Conversions

Conversions Part 2

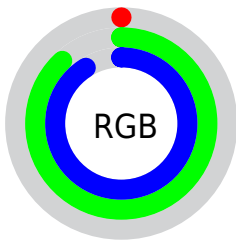
Format	Color
RYB	0, 114, 231
Decimal	57575
CIELab	81.34, -41.52, -16.22
CIELCh	81, 44.572, 201.338
Yxy	59.0808, 0.2221, 0.3194
Android (android.graphics.Color)	4278247655 (0xFF00E0E7)
YUV	157.8220, 36.0768, -138.4099
Hunter-Lab	76.8640, -39.1139, -11.6375

Details

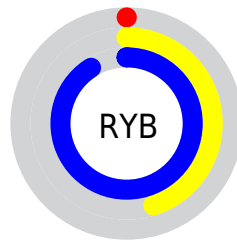
The XYZ color **41.0795, 59.0808, 84.8399** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **33.0325, 17.1427, 1.5698**, and the grayscale version is **32.3144, 33.9972, 37.0230**.

A 20% lighter version of the original color is **60.6201, 82.2507, 107.2887**, and **21.7405, 31.1004, 45.4146** is the 20% darker color. If you saturate the color by 10%, you get **41.0799, 59.0814, 84.8411**, and if you desaturate by 10%, it is **41.6262, 59.6438, 84.9209**.

Distribution



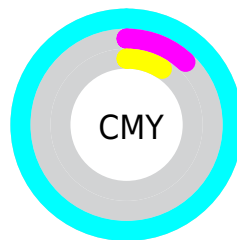
- Red (0%)
- Green (88%)
- Blue (91%)



- Red (0%)
- Yellow (45%)
- Blue (91%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)




- Cyan (100%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0795, 59.0808, 84.8399 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 41.0795, 59.0808, 84.8399 by changing the saturation by 10% instead.

 41.0795, 59.0808,
84.8399


 41.0795, 59.0808,
84.8399

341.7097,
421.2013, 531.2289

 28.5692, 42.6782,
63.1597


 76.0785, 103.4951,
142.0216


 18.8978, 29.6327,
45.5286


 99.2979, 132.2755,
178.3603


 11.7000, 19.5600,
31.5280


 126.8176,
165.9507, 220.4222

 6.6105, 12.0756,
20.7394

 159.0031,
204.9050, 268.6258

 3.2639, 6.7952,
12.7443

 196.2197,
249.5228, 323.3898

 1.2948, 3.3343,
7.1240

238.8328,

 0.1793, 1.3087,

300.1885, 385.1326

3.4602

287.2077,
357.2866, 454.2728

■ 0.0000, 0.1479,
1.3341

■ 0.0000, 0.0000,
0.0895

■ 41.0795, 59.0808,
84.8399

■ 41.0795, 59.0808,
84.8399

■ 41.0799, 59.0814,
84.8411

■ 41.6262, 59.6438,
84.9209

■ 42.5972, 60.4253,
85.0205

■ 44.1289, 61.4972,
85.1467

■ 46.2998, 62.8997,
85.3030

■ 49.1761, 64.6670,
85.4925

■ 52.8155, 66.8288,
85.7180

■ 57.2699, 69.4119,
85.9818

■ 62.5865, 72.4407,
86.2862

■ 68.8090, 75.9377,
86.6332

Harmonies

Analogous

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



40.2548, 59.0808, 56.9143



41.0795, 59.0808, 84.8399



45.6994, 59.0808, 113.2259

Triad

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



41.0795, 59.0808, 84.8399



71.3207, 59.0808, 101.9565



58.8932, 59.0808, 25.7977

Complementary

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



41.0795, 59.0808, 84.8399



33.0325, 17.1427, 1.5698

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.



68.0937, 59.0808, 32.0325



41.0795, 59.0808, 84.8399



75.7707, 59.0808, 72.3611

Square

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



41.0795, 59.0808, 84.8399



62.9217, 59.0808, 124.8559



74.5287, 59.0808, 47.4228



49.8908, 59.0808, 27.4235

Rectangle

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



41.0795, 59.0808, 84.8399



50.6202, 59.0808, 126.1341



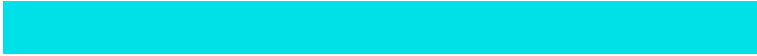
74.5287, 59.0808, 47.4228



62.0782, 59.0808, 26.9624

Sweetspot

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



41.0813, 59.0830, 84.8413



71.5499, 86.7940, 107.5896



28.5986, 57.1617, 9.6385



14.7832, 18.2709, 22.9974



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.



41.0813, 59.0830, 84.8413



51.3941, 73.9082, 106.1647



20.1844, 17.2891, 77.8757



14.7680, 16.2575, 18.5040



23.0471, 33.1564, 47.5683



1.7150, 2.4738, 3.5191

Inverse Universe

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



46.4112, 22.3726, 72.3954



58.0706, 27.9922, 90.5585



39.5984, 30.2744, 3.7584



14.9753, 14.6073, 18.0701



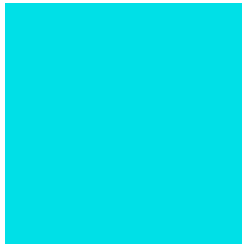
26.0266, 12.5449, 40.6308



1.9293, 0.9294, 3.0340

Previews

White Background



This preview shows how the XYZ color 41.0795, 59.0808, 84.8399 looks on a white background.

Color Contrast Check

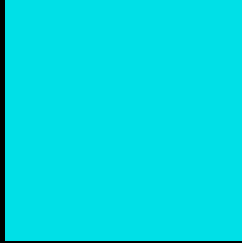
Large Text (above 18pt) WCAG AA × Fail

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 41.0795, 59.0808, 84.8399 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

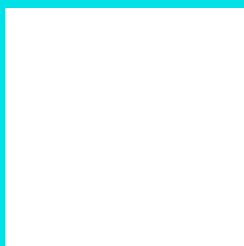
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0795, 59.0808, 84.8399

Background



This preview shows how black text looks on a background with the XYZ color 41.0795, 59.0808, 84.8399.

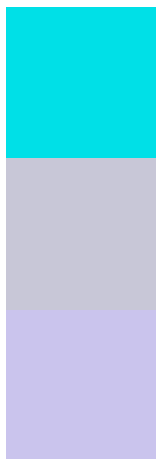


This preview shows how white text looks on a background with the XYZ color 41.0795, 59.0808,

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

41.0795, 59.0808, 84.8399

Protanopia

56.5086, 58.0325, 72.5130

Deuteranopia

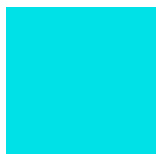
59.3831, 58.1508, 88.2152



Tritanopia

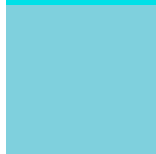
42.6257, 58.9168, 92.3446

Trichromacy



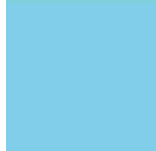
Original Color

41.0795, 59.0808, 84.8399



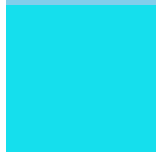
Protanomaly

44.3594, 54.8442, 76.6546



Deuteranomaly

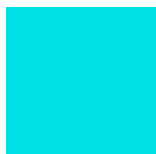
46.1200, 54.8079, 86.7455



Tritanomaly

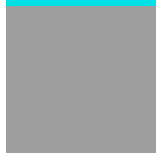
41.9830, 59.0492, 89.3057

Monochromacy



Original Color

41.0795, 59.0808, 84.8399



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

30.8517, 39.7254, 51.9406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0795, 59.0808, 84.8399 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, 224, 231)` looks like.

```
.text, #text, p{  
    color:rgb(0, 224, 231)  
}
```

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, 224, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 224, 231) }
```

Border

The CSS property to change the border of an element to XYZ 41.0795, 59.0808, 84.8399 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, 224, 231) }
```


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

```
.border{ border-color:rgb(0, 224, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 224, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 224, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 224, 231);  
box-shadow:4px 4px 4px 4px rgb(0, 224,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0795, 59.0808, 84.8399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 224, 231) }
```

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

```
.background{ background-color: rgb(0, 224,  
231) }
```

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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