

Converting Colors

XYZ(41.1564, 60.1396, 82.0758)

Have a look what the booklet for
XYZ(41.1564, 60.1396, 82.0758)
contains.

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Color

**XYZ(41.0615, 59.9388,
82.0782)**

Conversions

Conversions Part 1

Format	Color
Hex	00E2E3
RGB	0, 226, 227
RGB Percent	0%, 89%, 89%
CMY	0.9998, 0.1137, 0.1098
CMYK	1.00, 0.00, 0.00, 0.11
HSL	180°, 100%, 45%
HSV	180°, 100%, 89%
XYZ	41.0615, 59.9388, 82.0782
YIQ	158.5400, -135.0170, -47.6010

Conversions

Conversions Part 2

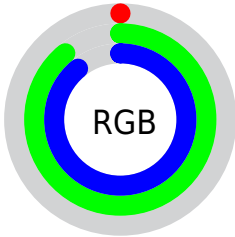
Format	Color
RYB	0, 113, 227
Decimal	58083
CIELab	81.80, -43.59, -13.39
CIELCh	82, 45.603, 197.076
Yxy	59.9388, 0.2243, 0.3274
Android (android.graphics.Color)	4278248163 (0xFF00E2E3)
YUV	158.5400, 33.7508, -139.0396
Hunter-Lab	77.4202, -40.8138, -8.6631

Details

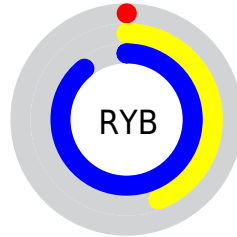
The XYZ color **41.0615, 59.9388, 82.0782** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **31.6908, 16.3542, 1.4881**, and the grayscale version is **32.6487, 34.3489, 37.4060**.

A 20% lighter version of the original color is **60.6201, 82.2507, 107.2887**, and **21.8211, 31.7280, 44.0038** is the 20% darker color. If you saturate the color by 10%, you get **41.0625, 59.9405, 82.0796**, and if you desaturate by 10%, it is **41.4376, 60.1743, 82.1049**.

Distribution



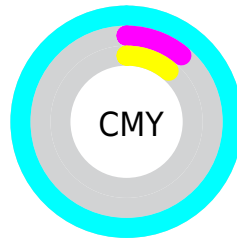
- Red (0%)
- Green (89%)
- Blue (89%)



- Red (0%)
- Yellow (44%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0615, 59.9388, 82.0782 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 41.0615, 59.9388, 82.0782 by changing the saturation by 10% instead.

41.0615, 59.9388,
82.0782

41.0615, 59.9388,
82.0782

341.6358,
424.3722, 521.7995

28.5550, 43.3693,
60.8938

76.0514, 104.7409,
138.1213

18.8870, 30.1750,
43.7095

99.2655, 133.7423,
173.8171

11.6922, 19.9714,
30.1067

126.7795,
167.6564, 215.1872

6.6052, 12.3743,
19.6668

158.9588,
206.8677, 262.6500

3.2605, 6.9991,
11.9714

196.1687,
251.7605, 316.6241

1.2930, 3.4616,
6.6019

238.7746,

0.1780, 1.3772,

302.7193, 377.5280

3.1398

287.1418,
360.1283, 445.7803

■ 0.0000, 0.1998,
1.1664

■ 0.0000, 0.0000,
0.0000

■ 41.0615, 59.9388,
82.0782

■ 41.0615, 59.9388,
82.0782

■ 41.0625, 59.9405,
82.0796

■ 41.4376, 60.1743,
82.1049

■ 42.2194, 60.6177,
82.1493

■ 43.5391, 61.3384,
82.2189

■ 45.4719, 62.3751,
82.3171

■ 48.0808, 63.7605,
82.4470

■ 51.4214, 65.5230,
82.6112

■ 55.5431, 67.6884,
82.8119

■ 60.4915, 70.2798,
83.0513

■ 66.3083, 73.3190,
83.3313

Harmonies

Analogous

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



40.7834, 59.9388, 54.1226



41.0615, 59.9388, 82.0782



45.2839, 59.9388, 112.2197

Triad

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



41.0615, 59.9388, 82.0782



71.6087, 59.9388, 108.3714



61.2059, 59.9388, 26.0638

Complementary

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



41.0615, 59.9388, 82.0782



31.6908, 16.3542, 1.4881

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.



70.5113, 59.9388, 33.6624



41.0615, 59.9388, 82.0782



76.9564, 59.9388, 77.8363

Square

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



41.0615, 59.9388, 82.0782



62.5731, 59.9388, 130.0894



76.5335, 59.9388, 50.9174



51.7118, 59.9388, 26.6059

Rectangle

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



41.0615, 59.9388, 82.0782



50.0679, 59.9388, 127.1849



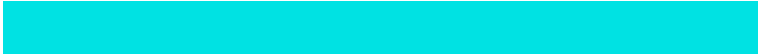
76.5335, 59.9388, 50.9174



64.4790, 59.9388, 27.6347

Sweetspot

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



41.0633, 59.9410, 82.0796



72.1778, 88.0497, 107.7989



27.4706, 54.9395, 9.1582



14.9364, 18.5772, 23.0485



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.



41.0633, 59.9410, 82.0796



53.4532, 78.0265, 106.8511



19.8305, 17.4754, 75.0020



14.8018, 16.3250, 18.5152



23.9499, 34.9619, 47.8692



1.7716, 2.5871, 3.5380

Inverse Universe

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



45.4076, 21.8236, 73.7730



59.1099, 28.4080, 96.0317



37.6438, 28.2602, 3.4724



14.9923, 14.6141, 18.1598



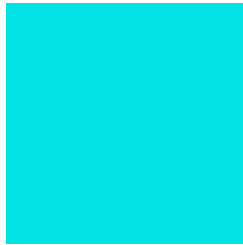
26.4823, 12.7271, 43.0303



1.9578, 0.9408, 3.1845

Previews

White Background



This preview shows how the XYZ color 41.0615, 59.9388, 82.0782 looks on a white background.

Color Contrast Check

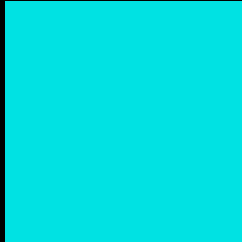
Large Text (above 18pt) WCAG AA × Fail

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 41.0615, 59.9388, 82.0782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

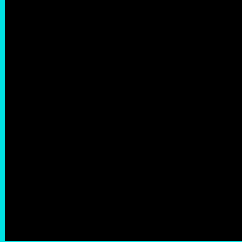
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

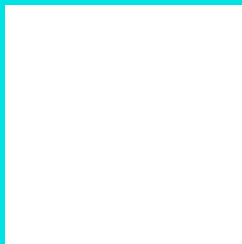
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0615, 59.9388, 82.0782

Background



This preview shows how black text looks on a background with the XYZ color 41.0615, 59.9388, 82.0782.



This preview shows how white text looks on a background with the XYZ color 41.0615, 59.9388,

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

41.0615, 59.9388, 82.0782

Protanopia

56.7693, 58.5683, 69.9408

Deuteranopia

60.1278, 58.9375, 85.2978



Tritanopia

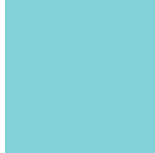
43.5577, 60.1732, 93.3233

Trichromacy



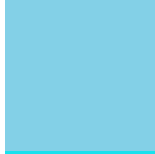
Original Color

41.0615, 59.9388, 82.0782



Protanomaly

44.3781, 55.2778, 73.9764



Deuteranomaly

46.3398, 55.7066, 83.9114



Tritanomaly

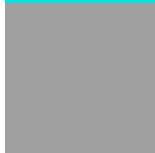
42.6122, 60.1715, 89.4891

Monochromacy



Original Color

41.0615, 59.9388, 82.0782



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

30.9520, 40.0944, 51.4550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0615, 59.9388, 82.0782 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, 226, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 226, 227)  
}
```

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, 226, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 226, 227) }
```

Border

The CSS property to change the border of an element to XYZ 41.0615, 59.9388, 82.0782 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, 226, 227) }
```


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

```
.border{ border-color:rgb(0, 226, 227) }
```

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

Here you see how a box with a 4 pixel rgb(0, 226, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 226, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 226, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 226,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0615, 59.9388, 82.0782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 226, 227) }
```

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

```
.background{ background-color: rgb(0, 226,  
227) }
```

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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