

Converting Colors

XYZ(25.4310, 39.7002, 59.9486)

Have a look what the booklet for
XYZ(25.4310, 39.7002, 59.9486)
contains.

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Color

**XYZ(28.8238, 41.3388,
59.8861)**

Conversions

Conversions Part 1

Format	Color
Hex	00BFC6
RGB	0, 191, 198
RGB Percent	0%, 75%, 78%
CMY	0.9998, 0.2510, 0.2235
CMYK	1.00, 0.04, 0.00, 0.22
HSL	182°, 100%, 39%
HSV	182°, 100%, 78%
XYZ	28.8238, 41.3388, 59.8861
YIQ	134.6890, -116.0830, -38.3150

Conversions

Conversions Part 2

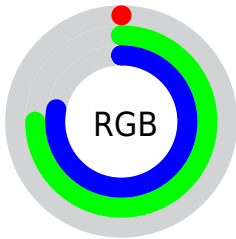
Format	Color
RYB	0, 97, 198
Decimal	49094
CIELab	70.41, -36.54, -14.88
CIELCh	70, 39.457, 202.151
Yxy	41.3388, 0.2216, 0.3179
Android (android.graphics.Color)	4278239174 (0xFF00BFC6)
YUV	134.6890, 31.2123, -118.1223
Hunter-Lab	64.2953, -32.4945, -10.2174

Details

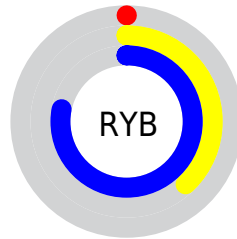
The XYZ color **28.8238, 41.3388, 59.8861** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **23.3656, 12.1588, 1.1165**, and the grayscale version is **22.8377, 24.0271, 26.1655**.

A 20% lighter version of the original color is **57.3263, 77.2979, 106.5063**, and **13.9797, 19.9049, 29.4908** is the 20% darker color. If you saturate the color by 10%, you get **28.8243, 41.3395, 59.8870**, and if you desaturate by 10%, it is **29.2629, 41.7932, 59.9514**.

Distribution



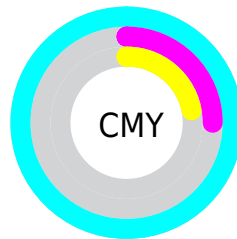
- Red (0%)
- Green (75%)
- Blue (78%)



- Red (0%)
- Yellow (38%)
- Blue (78%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8238, 41.3388, 59.8861 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 28.8238, 41.3388, 59.8861 by changing the saturation by 10% instead.

■ 28.8238, 41.3388,
59.8861

■ 28.8238, 41.3388,
59.8861

288.3919,
351.7346, 441.9708

■ 19.0912, 28.5839,
42.9021

■ 57.1965, 77.1979,
106.2062

■ 11.8406, 18.7663,
29.4775

■ 76.5673, 101.0710,
136.3794

■ 6.7066, 11.5015,
19.1937

■ 99.8816, 129.4189,
171.7861

■ 3.3240, 6.4052,
11.6321

■ 127.5046,
162.6260, 212.8448

■ 1.3273, 3.0930,
6.3742

■ 159.8018,
201.0767, 259.9741

■ 0.2035, 1.1805,
3.0015

197.1385,

■ 0.0000, 0.0457,

245.1555, 313.5925

1.0954

239.8801,
295.2466, 374.1185

■ 0.0000, 0.0000,
0.0000

■ 28.8238, 41.3388,
59.8861

■ 28.8238, 41.3388,
59.8861

■ 28.8243, 41.3395,
59.8870

■ 29.2629, 41.7932,
59.9514

■ 29.9925, 42.3976,
60.0296

■ 31.1157, 43.2059,
60.1265

■ 32.6855, 44.2457,
60.2444

■ 34.7470, 45.5399,
60.3856

■ 37.3396, 47.1090,
60.5518

■ 40.4987, 48.9713,
60.7448

■ 44.2567, 51.1434,
60.9660

■ 48.6436, 53.6408,
61.2168

Harmonies

Analogous

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



28.1742, 41.3388, 40.3020



28.8238, 41.3388, 59.8861



32.1169, 41.3388, 79.5659

Triad

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



28.8238, 41.3388, 59.8861



49.9990, 41.3388, 70.7116



41.0212, 41.3388, 18.0662

Complementary

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



28.8238, 41.3388, 59.8861



23.3656, 12.1588, 1.1165

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.



47.4616, 41.3388, 22.2663



28.8238, 41.3388, 59.8861



53.0045, 41.3388, 50.0730

Square

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



28.8238, 41.3388, 59.8861



44.1900, 41.3388, 86.9209



52.0282, 41.3388, 32.8287



34.7687, 41.3388, 19.3494

Rectangle

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



28.8238, 41.3388, 59.8861



35.5870, 41.3388, 88.3528



52.0282, 41.3388, 32.8287



43.2441, 41.3388, 18.8310

Sweetspot

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



28.8251, 41.3403, 59.8871



71.4283, 86.5508, 107.5490



20.2312, 40.4036, 6.9230



14.7536, 18.2117, 22.9876



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.



28.8251, 41.3403, 59.8871



51.0012, 73.1224, 106.0337



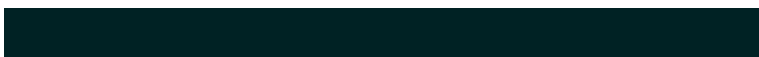
14.0575, 11.8051, 54.9646



10.9133, 12.0007, 13.6587



18.7587, 26.9114, 38.9501



0.8985, 1.2948, 1.8477

Inverse Universe

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



32.6937, 15.7685, 50.6123



57.8722, 27.9129, 89.5142



28.4041, 22.2357, 2.7960



11.0663, 10.8099, 13.3323



21.2679, 10.2567, 32.9501



1.0122, 0.4877, 1.5875

Previews

White Background



This preview shows how the XYZ color 28.8238, 41.3388, 59.8861 looks on a white background.

Color Contrast Check

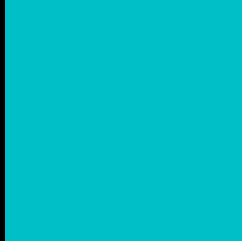
Large Text (above 18pt) WCAG AA × Fail

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 28.8238, 41.3388, 59.8861 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

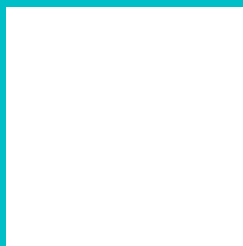
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8238, 41.3388, 59.8861

Background



This preview shows how black text looks on a background with the XYZ color 28.8238, 41.3388, 59.8861.



This preview shows how white text looks on a background with the XYZ color 28.8238, 41.3388,

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

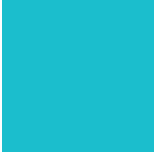
28.8238, 41.3388, 59.8861

Protanopia

39.7092, 40.7983, 51.6809

Deuteranopia

41.6115, 40.7199, 62.1665



Tritanopia

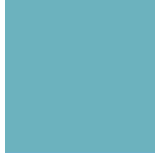
29.8849, 41.4677, 64.1866

Trichromacy



Original Color

28.8238, 41.3388, 59.8861



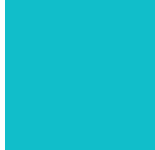
Protanomaly

31.3990, 38.7466, 54.5391



Deuteranomaly

32.3746, 38.5189, 60.9869



Tritanomaly

29.3053, 41.2104, 62.2870

Monochromacy



Original Color

28.8238, 41.3388, 59.8861



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

21.7307, 27.8897, 36.5857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8238, 41.3388, 59.8861 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, 191, 198)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 198)  
}
```

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, 191, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 198) }
```

Border

The CSS property to change the border of an element to XYZ 28.8238, 41.3388, 59.8861 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, 191, 198) }
```


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

```
.border{ border-color:rgb(0, 191, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 191, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 198);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8238, 41.3388, 59.8861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 198) }
```

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

```
.background{ background-color: rgb(0, 191,  
198) }
```

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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