

Converting Colors

XYZ(28.1792, 43.4038, 49.5098)

Have a look what the booklet for
XYZ(28.1792, 43.4038, 49.5098)
contains.

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Color

**XYZ(28.3308, 43.6428,
49.5785)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00C6B3 |
| RGB | 0, 198, 179 |
| RGB Percent | 0%, 78%, 70% |
| CMY | 0.9998, 0.2235, 0.2980 |
| CMYK | 1.00, 0.00, 0.10, 0.22 |
| HSL | 174°, 100%, 39% |
| HSV | 174°, 100%, 78% |
| XYZ | 28.3308, 43.6428, 49.5785 |
| YIQ | 136.6320, -111.9090, -47.8850 |

Conversions

Conversions Part 2

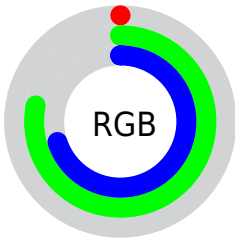
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 104, 198 |
| Decimal | 50867 |
| CIELab | 71.99, -45.27, -2.16 |
| CIELCh | 72, 45.317, 182.732 |
| Yxy | 43.6428, 0.2331, 0.3590 |
| Android (android.graphics.Color) | 4278240947 (0xFF00C6B3) |
| YUV | 136.6320, 20.8874, -119.8263 |
| Hunter-Lab | 66.0627, -39.0605, 1.7481 |

Details

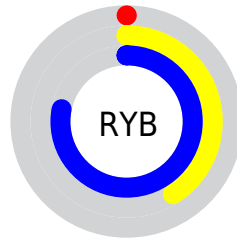
The XYZ color **28.3308, 43.6428, 49.5785** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **23.4078, 12.0542, 1.7110**, and the grayscale version is **23.5981, 24.8270, 27.0367**.

A 20% lighter version of the original color is **56.3489, 80.4017, 91.1464**, and **13.5884, 21.1513, 23.1051** is the 20% darker color. If you saturate the color by 10%, you get **28.3312, 43.6440, 49.5774**, and if you desaturate by 10%, it is **28.8104, 43.8687, 50.6124**.

Distribution



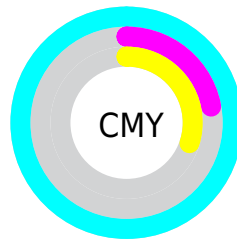
- Red (0%)
- Green (78%)
- Blue (70%)



- Red (0%)
- Yellow (41%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3308, 43.6428, 49.5785 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 28.3308, 43.6428, 49.5785 by changing the saturation by 10% instead.

■ 28.3308, 43.6428,
49.5785

■ 28.3308, 43.6428,
49.5785

286.0957,
361.2486, 401.7031

■ 18.7169, 30.3898,
34.7098

■ 56.4171, 80.6800,
90.9399

■ 11.5687, 20.1346,
23.1576

■ 75.6202, 105.2329,
118.2697

■ 6.5208, 12.4930,
14.5036

■ 98.7504, 134.3213,
150.5902

■ 3.2079, 7.0803,
8.3290

■ 126.1731,
168.3295, 188.3200

■ 1.2646, 3.5124,
4.2154

■ 158.2537,
207.6420, 231.8777

■ 0.1565, 1.4047,
1.7442

195.3574,

■ 0.0000, 0.2202,

252.6431, 281.6817

0.3908

237.8496,
303.7171, 338.1507

■ 0.0000, 0.0000,
0.0000

■ 28.3308, 43.6428,
49.5785

■ 28.3308, 43.6428,
49.5785

■ 28.3312, 43.6440,
49.5774

■ 28.8104, 43.8687,
50.6124

■ 29.5826, 44.2441,
51.6728

■ 30.7503, 44.8231,
52.7657

■ 32.3666, 45.6330,
53.8936

■ 34.4765, 46.6971,
55.0587

■ 37.1194, 48.0357,
56.2628

■ 40.3309, 49.6670,
57.5077

■ 44.1433, 51.6079,
58.7948

■ 48.5866, 53.8736,
60.1258

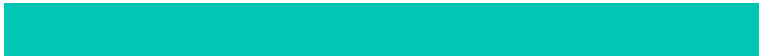
Harmonies

Analogous

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



29.6182, 43.6428, 30.5576



28.3308, 43.6428, 49.5785



30.1880, 43.6428, 74.4652

Triad

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



28.3308, 43.6428, 49.5785



50.0519, 43.6428, 93.0980



48.6734, 43.6428, 18.8281

Complementary

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



28.3308, 43.6428, 49.5785



23.4078, 12.0542, 1.7110

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.



55.2888, 43.6428, 28.0124



28.3308, 43.6428, 49.5785



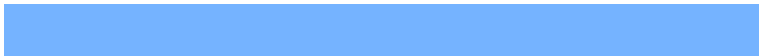
56.1517, 43.6428, 69.8219

Square

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



28.3308, 43.6428, 49.5785



42.1940, 43.6428, 104.0104



58.1769, 43.6428, 45.5185



40.7764, 43.6428, 16.4127

Rectangle

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



28.3308, 43.6428, 49.5785



33.1129, 43.6428, 90.1040



58.1769, 43.6428, 45.5185



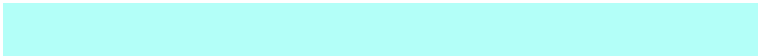
51.1524, 43.6428, 21.0479

Sweetspot

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



28.3321, 43.6445, 49.5795



71.1252, 87.8003, 101.7268



20.4801, 40.5366, 6.7461



14.6802, 18.5166, 21.5702



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.



28.3321, 43.6445, 49.5795



50.1166, 77.2626, 87.5209



16.7691, 17.2280, 55.8693



10.9011, 12.0493, 13.4295



18.4413, 28.3889, 32.3321



0.8863, 1.3494, 1.5998

Inverse Universe

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



23.4078, 12.0542, 1.7110



41.4099, 21.3279, 2.8245



26.1020, 17.6308, 2.0285



10.6745, 10.6532, 11.2694



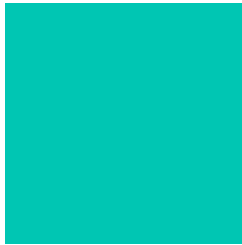
15.2363, 7.8441, 1.1882



0.7359, 0.3772, 0.1324

Previews

White Background



This preview shows how the XYZ color 28.3308, 43.6428, 49.5785 looks on a white background.

Color Contrast Check

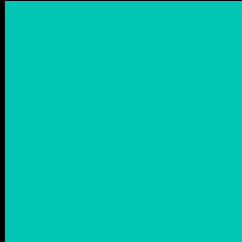
Large Text (above 18pt) WCAG AA × Fail

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 28.3308, 43.6428, 49.5785 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

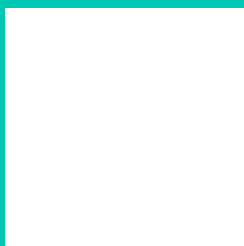
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3308, 43.6428, 49.5785

Background



This preview shows how black text looks on a background with the XYZ color 28.3308, 43.6428, 49.5785.

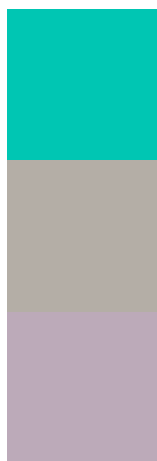


This preview shows how white text looks on a background with the XYZ color 28.3308, 43.6428,

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

28.3308, 43.6428, 49.5785

Protanopia

40.8414, 42.7286, 42.1713

Deuteranopia

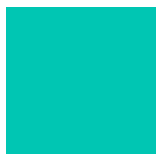
43.8707, 42.9436, 51.8756



Tritanopia

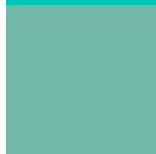
32.1158, 43.8651, 67.0957

Trichromacy



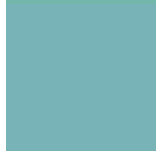
Original Color

28.3308, 43.6428, 49.5785



Protanomaly

31.3544, 40.4521, 44.6836



Deuteranomaly

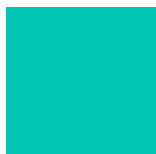
32.6142, 40.0545, 50.8121



Tritanomaly

30.3038, 43.4145, 60.2087

Monochromacy



Original Color

28.3308, 43.6428, 49.5785



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

21.9961, 29.0895, 34.1613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3308, 43.6428, 49.5785 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, 198, 179)` looks like.

```
.text, #text, p{  
    color:rgb(0, 198, 179)  
}
```

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, 198, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 198, 179) }
```

Border

The CSS property to change the border of an element to XYZ 28.3308, 43.6428, 49.5785 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, 198, 179) }
```


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

```
.border{ border-color:rgb(0, 198, 179) }
```

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

Here you see how a box with a 4 pixel rgb(0, 198, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 198, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 198, 179);  
box-shadow:4px 4px 4px 4px rgb(0, 198,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3308, 43.6428, 49.5785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 198, 179) }
```

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

```
.background{ background-color: rgb(0, 198,  
179) }
```

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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