

Converting Colors

XYZ(32.3390, 49.3859, 60.7823)

Have a look what the booklet for
XYZ(32.3390, 49.3859, 60.7823)
contains.

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Color

**XYZ(32.8785, 49.6321,
60.6704)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00D1C5 |
| RGB | 0, 209, 197 |
| RGB Percent | 0%, 82%, 77% |
| CMY | 0.9998, 0.1804, 0.2274 |
| CMYK | 1.00, 0.00, 0.06, 0.18 |
| HSL | 177°, 100%, 41% |
| HSV | 177°, 100%, 82% |
| XYZ | 32.8785, 49.6321, 60.6704 |
| YIQ | 145.1410, -120.7120, -48.0400 |

Conversions

Conversions Part 2

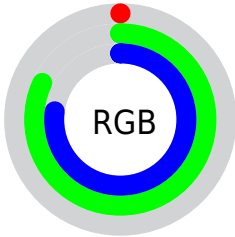
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 108, 209 |
| Decimal | 53701 |
| CIELab | 75.84, -44.88, -6.23 |
| CIELCh | 76, 45.315, 187.899 |
| Yxy | 49.6321, 0.2296, 0.3466 |
| Android (android.graphics.Color) | 4278243781 (0xFF00D1C5) |
| YUV | 145.1410, 25.5665, -127.2887 |
| Hunter-Lab | 70.4501, -39.9830, -1.7445 |

Details

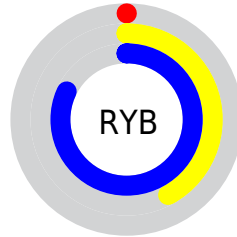
The XYZ color **32.8785, 49.6321, 60.6704** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **26.3625, 13.5834, 1.5817**, and the grayscale version is **26.9113, 28.3128, 30.8327**.

A 20% lighter version of the original color is **59.7128, 81.8016, 106.4080**, and **16.5135, 25.0944, 29.9599** is the 20% darker color. If you saturate the color by 10%, you get **32.8791, 49.6336, 60.6700**, and if you desaturate by 10%, it is **33.3256, 49.8478, 61.4134**.

Distribution



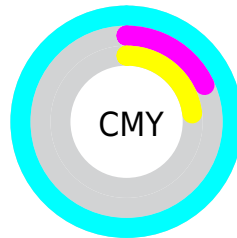
- Red (0%)
- Green (82%)
- Blue (77%)



- Red (0%)
- Yellow (42%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)





- Cyan (100%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8785, 49.6321, 60.6704 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 32.8785, 49.6321, 60.6704 by changing the saturation by 10% instead.


 32.8785, 49.6321,
60.6704


 32.8785, 49.6321,
60.6704


306.7766,
385.2255, 444.9375

 22.1922, 35.1212,
43.5304


 63.5417, 89.6295,
107.3544


 14.1156, 23.7562,
29.9670

 84.2494, 115.8848,
137.7355


 8.2833, 15.1529,
19.5617

 109.0281,
146.8237, 173.3674

 4.3301, 8.9268,
11.8959

 138.2434,
182.8305, 214.6686

 1.8905, 4.6934,
6.5512

 172.2605,
224.2897, 262.0577

 0.5713, 2.0685,
3.1089

211.4449,

 0.0000, 0.6468,

271.5857, 315.9532

1.1505

256.1618,
325.1028, 376.7736

■ 0.0000, 0.0000,
0.0000

■ 32.8785, 49.6321,
60.6704

■ 32.8785, 49.6321,
60.6704

■ 32.8791, 49.6336,
60.6700

■ 33.3256, 49.8478,
61.4134

■ 34.1053, 50.2336,
62.1766

■ 35.3308, 50.8492,
62.9664

■ 37.0631, 51.7258,
63.7856

■ 39.3536, 52.8902,
64.6368

■ 42.2475, 54.3654,
65.5220

■ 45.7852, 56.1725,
66.4431

■ 50.0039, 58.3304,
67.4018

■ 54.9376, 60.8569,
68.3999

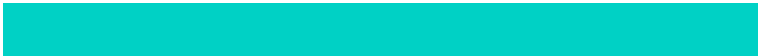
Harmonies

Analogous

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



33.7002, 49.6321, 38.3972



32.8785, 49.6321, 60.6704



35.5106, 49.6321, 87.8424

Triad

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



32.8785, 49.6321, 60.6704



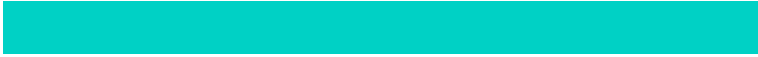
57.8407, 49.6321, 99.5399



53.5351, 49.6321, 21.4455

Complementary

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



32.8785, 49.6321, 60.6704



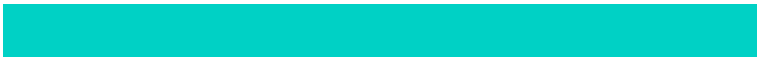
26.3625, 13.5834, 1.5817

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.



61.1463, 49.6321, 30.2585



32.8785, 49.6321, 60.6704



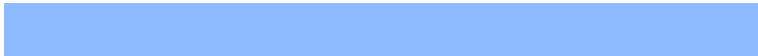
63.8311, 49.6321, 73.4436

Square

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



32.8785, 49.6321, 60.6704



49.4352, 49.6321, 114.2516



65.1077, 49.6321, 47.9129



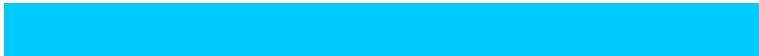
44.9825, 49.6321, 19.8819

Rectangle

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



32.8785, 49.6321, 60.6704



39.0781, 49.6321, 103.6389



65.1077, 49.6321, 47.9129



56.3169, 49.6321, 23.4972

Sweetspot

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



32.8800, 49.6340, 60.6716



71.5856, 87.9845, 104.1514



22.9822, 45.6957, 7.6101



14.7921, 18.5614, 22.1595



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.



32.8800, 49.6340, 60.6716



51.5409, 77.8323, 95.0208



18.0416, 17.6680, 62.7829



12.1278, 13.3949, 15.0295



20.2843, 30.6067, 37.4731



1.1433, 1.7150, 2.1434

Inverse Universe

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



26.3625, 13.5834, 1.5817



41.3237, 21.2935, 2.3709



30.0020, 20.9686, 2.4673



11.8359, 11.8191, 12.4115



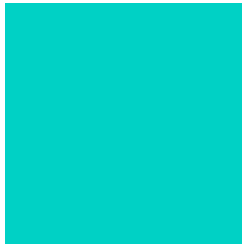
16.2654, 8.3790, 1.0376



0.9193, 0.4725, 0.1100

Previews

White Background



This preview shows how the XYZ color 32.8785, 49.6321, 60.6704 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 32.8785, 49.6321, 60.6704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

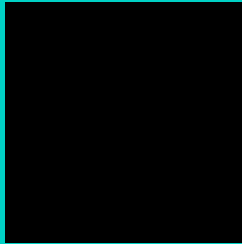
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

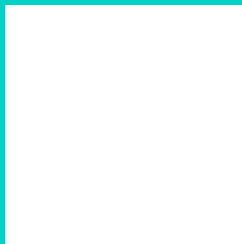
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.8785, 49.6321, 60.6704

Background



This preview shows how black text looks on a background with the XYZ color 32.8785, 49.6321, 60.6704.

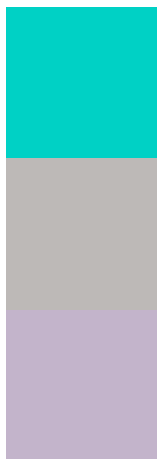


This preview shows how white text looks on a background with the XYZ color 32.8785, 49.6321,

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

32.8785, 49.6321, 60.6704

Protanopia

46.8825, 48.9356, 51.7743

Deuteranopia

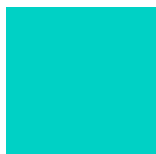
49.6064, 48.5564, 63.2577



Tritanopia

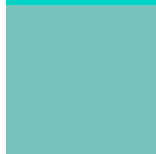
36.2351, 49.5649, 76.7644

Trichromacy



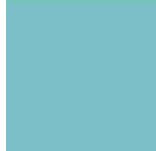
Original Color

32.8785, 49.6321, 60.6704



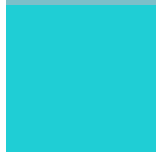
Protanomaly

36.1146, 46.2075, 54.5924



Deuteranomaly

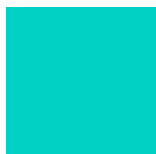
37.4856, 45.7637, 62.1159



Tritanomaly

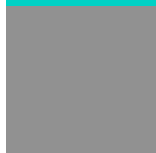
34.6466, 49.2380, 70.6286

Monochromacy



Original Color

32.8785, 49.6321, 60.6704



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

25.1171, 32.9609, 40.1602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8785, 49.6321, 60.6704 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, 209, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 209, 197)  
}
```

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, 209, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 209, 197) }
```

Border

The CSS property to change the border of an element to XYZ 32.8785, 49.6321, 60.6704 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, 209, 197) }
```


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

```
.border{ border-color:rgb(0, 209, 197) }
```

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

Here you see how a box with a 4 pixel rgb(0, 209, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 209, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 209, 197);  
box-shadow:4px 4px 4px 4px rgb(0, 209,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8785, 49.6321, 60.6704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 209, 197) }
```

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

```
.background{ background-color: rgb(0, 209,  
197) }
```

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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