

Converting Colors

XYZ(28.4347, 48.8254, 59.2226)

Have a look what the booklet for
XYZ(28.4347, 48.8254, 59.2226)
contains.

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Color

**XYZ(33.5319, 51.4835,
59.2089)**

Conversions

Conversions Part 1

Format	Color
Hex	00D5C2
RGB	0, 213, 194
RGB Percent	0%, 84%, 76%
CMY	0.9998, 0.1647, 0.2392
CMYK	1.00, 0.00, 0.09, 0.16
HSL	175°, 100%, 42%
HSV	175°, 100%, 84%
XYZ	33.5319, 51.4835, 59.2089
YIQ	147.1470, -120.8490, -51.0650

Conversions

Conversions Part 2

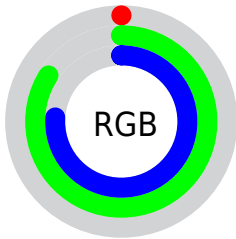
Format	Color
RYB	0, 111, 213
Decimal	54722
CIELab	76.97, -47.44, -2.95
CIELCh	77, 47.529, 183.558
Yxy	51.4835, 0.2325, 0.3570
Android (android.graphics.Color)	4278244802 (0xFF00D5C2)
YUV	147.1470, 23.0985, -129.0479
Hunter-Lab	71.7520, -42.1475, 1.3010

Details

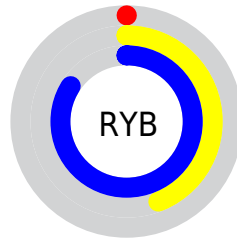
The XYZ color **33.5319, 51.4835, 59.2089** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **27.5600, 14.1948, 1.9057**, and the grayscale version is **27.7438, 29.1886, 31.7864**.

A 20% lighter version of the original color is **59.0787, 81.5479, 103.0690**, and **16.8647, 26.0370, 29.3361** is the 20% darker color. If you saturate the color by 10%, you get **33.5323, 51.4849, 59.2075**, and if you desaturate by 10%, it is **34.0644, 51.7344, 60.3565**.

Distribution



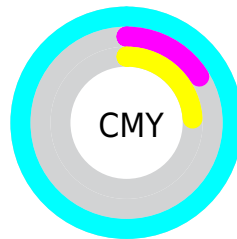
- Red (0%)
- Green (84%)
- Blue (76%)



- Red (0%)
- Yellow (44%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5319, 51.4835, 59.2089 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 33.5319, 51.4835, 59.2089 by changing the saturation by 10% instead.

33.5319, 51.4835,
59.2089

33.5319, 51.4835,
59.2089

309.6625,
392.4394, 439.3990

22.6954, 36.5935,
42.3602

64.5542, 92.3691,
105.2133

14.4882, 24.8929,
29.0558

85.4707, 119.1335,
135.2061

8.5450, 15.9973,
18.8771

110.4780,
150.6248, 170.4173

4.5003, 9.5223,
11.4056

139.9413,
187.2275, 211.2656

1.9889, 5.0834,
6.2227

174.2261,
229.3259, 258.1693

0.6277, 2.2963,
2.9100

213.6976,

0.0000, 0.7717,

277.3044, 311.5471

1.0489

258.7213,
331.5474, 371.8175

■ 0.0000, 0.0000,
0.0000

■ 33.5319, 51.4835,
59.2089

■ 33.5319, 51.4835,
59.2089

■ 33.5323, 51.4849,
59.2075

■ 34.0644, 51.7344,
60.3565

■ 34.9469, 52.1642,
61.5336

■ 36.2968, 52.8346,
62.7470

■ 38.1779, 53.7786,
63.9996

■ 40.6442, 55.0239,
65.2941

■ 43.7431, 56.5950,
66.6327

■ 47.5169, 58.5137,
68.0175

■ 52.0045, 60.8001,
69.4502

■ 57.2416, 63.4726,
70.9327

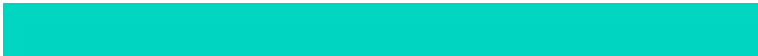
Harmonies

Analogous

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



34.9408, 51.4835, 36.6556



33.5319, 51.4835, 59.2089



35.8112, 51.4835, 88.3857

Triad

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



33.5319, 51.4835, 59.2089



59.2029, 51.4835, 108.7225



57.1031, 51.4835, 22.2136

Complementary

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



33.5319, 51.4835, 59.2089



27.5600, 14.1948, 1.9057

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.



64.9238, 51.4835, 32.7637



33.5319, 51.4835, 59.2089



66.2374, 51.4835, 81.3212

Square

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



33.5319, 51.4835, 59.2089



50.0221, 51.4835, 122.0058



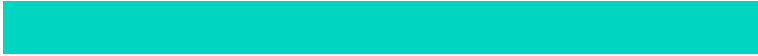
68.4493, 51.4835, 53.0186



47.8608, 51.4835, 19.5642

Rectangle

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



33.5319, 51.4835, 59.2089



39.3028, 51.4835, 106.4997



68.4493, 51.4835, 53.0186



60.0215, 51.4835, 24.7506

Sweetspot

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



33.5334, 51.4854, 59.2101



71.2053, 87.8324, 102.1490



24.1119, 47.7533, 7.9479



14.6996, 18.5244, 21.6727



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.



33.5334, 51.4854, 59.2101



50.3606, 77.3602, 88.8056



19.7071, 20.1963, 65.8124



12.7422, 14.0879, 15.7227



20.5020, 31.4561, 36.2686



1.2509, 1.9030, 2.2630

Inverse Universe

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



27.5600, 14.1948, 1.9057



41.3922, 21.3209, 2.7314



30.7084, 20.6800, 2.3745



12.4678, 12.4386, 13.1377



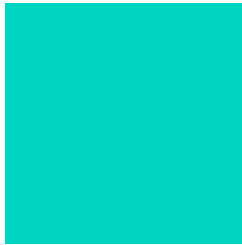
16.8499, 8.6763, 1.2477



1.0322, 0.5297, 0.1589

Previews

White Background



This preview shows how the XYZ color 33.5319, 51.4835, 59.2089 looks on a white background.

Color Contrast Check

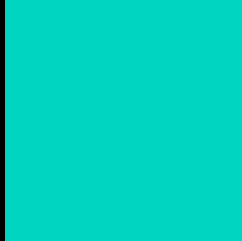
Large Text (above 18pt) WCAG AA × Fail

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 33.5319, 51.4835, 59.2089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

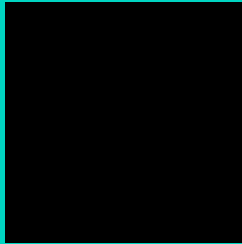
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

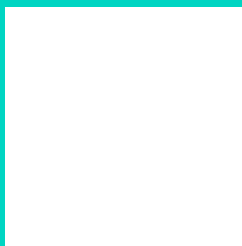
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.5319, 51.4835, 59.2089

Background



This preview shows how black text looks on a background with the XYZ color 33.5319, 51.4835, 59.2089.

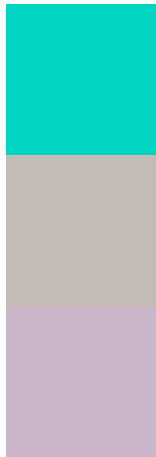


This preview shows how white text looks on a background with the XYZ color 33.5319, 51.4835,

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

33.5319, 51.4835, 59.2089

Protanopia

48.4696, 50.7311, 50.4175

Deuteranopia

51.5635, 50.5015, 62.2884



Tritanopia

37.6147, 51.3049, 79.1545

Trichromacy



Original Color

33.5319, 51.4835, 59.2089



Protanomaly

36.8916, 47.6462, 53.1512



Deuteranomaly

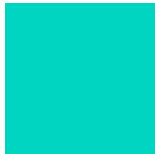
38.3869, 47.2500, 60.5230



Tritanomaly

35.8439, 51.2883, 71.6288

Monochromacy



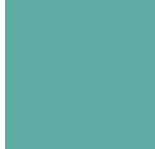
Original Color

33.5319, 51.4835, 59.2089



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

25.8798, 34.1858, 40.3565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5319, 51.4835, 59.2089 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, 213, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 213, 194)  
}
```

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, 213, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 213, 194) }
```

Border

The CSS property to change the border of an element to XYZ 33.5319, 51.4835, 59.2089 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, 213, 194) }
```


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

```
.border{ border-color:rgb(0, 213, 194) }
```

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

Here you see how a box with a 4 pixel rgb(0, 213, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 213, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 213, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 213,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5319, 51.4835, 59.2089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 213, 194) }
```

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

```
.background{ background-color: rgb(0, 213,  
194) }
```

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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