

Converting Colors

XYZ(32.8791, 53.4690, 54.5824)

Have a look what the booklet for
XYZ(32.8791, 53.4690, 54.5824)
contains.

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Color

**XYZ(34.0885, 54.1658,
54.5573)**

Conversions

Conversions Part 1

Format	Color
Hex	00DBB9
RGB	0, 219, 185
RGB Percent	0%, 86%, 73%
CMY	0.9998, 0.1412, 0.2745
CMYK	1.00, 0.00, 0.16, 0.14
HSL	171°, 100%, 43%
HSV	171°, 100%, 86%
XYZ	34.0885, 54.1658, 54.5573
YIQ	149.6430, -119.6100, -57.0020

Conversions

Conversions Part 2

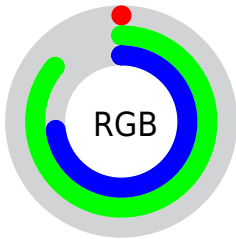
Format	Color
RYB	0, 119, 219
Decimal	56249
CIELab	78.56, -52.34, 4.18
CIELCh	79, 52.502, 175.435
Yxy	54.1658, 0.2387, 0.3793
Android (android.graphics.Color)	4278246329 (0xFF00DBB9)
YUV	149.6430, 17.4310, -131.2369
Hunter-Lab	73.5974, -46.1187, 7.5669

Details

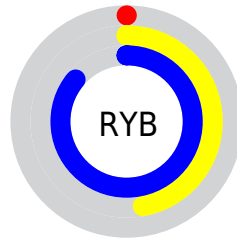
The XYZ color **34.0885, 54.1658, 54.5573** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **29.5042, 15.1772, 2.8911**, and the grayscale version is **28.8089, 30.3092, 33.0067**.

A 20% lighter version of the original color is **57.8215, 81.0590, 95.8175**, and **17.2621, 27.8603, 26.2976** is the 20% darker color. If you saturate the color by 10%, you get **34.0888, 54.1673, 54.5550**, and if you desaturate by 10%, it is **34.7825, 54.4829, 56.4878**.

Distribution



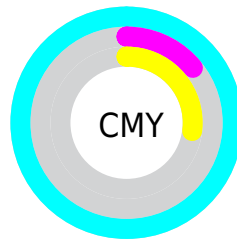
- Red (0%)
- Green (86%)
- Blue (73%)



- Red (0%)
- Yellow (47%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)




- Cyan (100%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0885, 54.1658, 54.5573 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 34.0885, 54.1658, 54.5573 by changing the saturation by 10% instead.


 34.0885, 54.1658,
54.5573


 34.0885, 54.1658,
54.5573


312.1055,
402.7419, 421.4662


 23.1248, 38.7342,
38.6512


 65.4146, 96.3176,
98.3567


 14.8069, 26.5530,
26.1827


 86.5078, 123.8067,
127.0870


 8.7694, 17.2378,
16.7334


 111.7082,
156.0837, 160.9292

 4.6470, 10.4042,
9.8847

 141.3811,
193.5331, 200.3017

 2.0743, 5.6678,
5.2179

 175.8919,
236.5392, 245.6231

 0.6752, 2.6441,
2.3147

215.6060,

 0.0000, 0.9489,

285.4865, 297.3120

0.7395

260.8888,
340.7592, 355.7868

■ 0.0000, 0.0000,
0.0000

■ 34.0885, 54.1658,
54.5573

■ 34.0885, 54.1658,
54.5573

■ 34.0888, 54.1673,
54.5550

■ 34.7825, 54.4829,
56.4878

■ 35.8570, 54.9938,
58.4800

■ 37.4352, 55.7635,
60.5412

■ 39.5861, 56.8273,
62.6750

■ 42.3674, 58.2151,
64.8843

■ 45.8299, 59.9530,
67.1718

■ 50.0190, 62.0645,
69.5400

■ 54.9763, 64.5710,
71.9910

■ 60.7403, 67.4922,
74.5269

Harmonies

Analogous

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



36.7762, 54.1658, 32.1975



34.0885, 54.1658, 54.5573



35.5252, 54.1658, 86.9889

Triad

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



34.0885, 54.1658, 54.5573



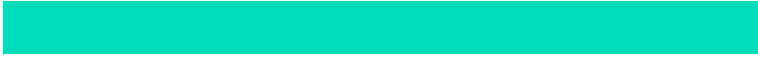
60.5090, 54.1658, 126.8480



63.6154, 54.1658, 23.3999

Complementary

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



34.0885, 54.1658, 54.5573



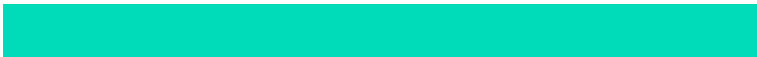
29.5042, 15.1772, 2.8911

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.



71.6209, 54.1658, 37.7348



34.0885, 54.1658, 54.5573



69.6655, 54.1658, 97.5696

Square

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



34.0885, 54.1658, 54.5573



49.9156, 54.1658, 135.9583



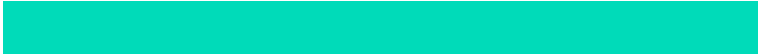
73.9705, 54.1658, 63.6299



53.0829, 54.1658, 18.4617

Rectangle

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



34.0885, 54.1658, 54.5573



38.7460, 54.1658, 109.5973



73.9705, 54.1658, 63.6299



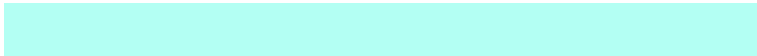
66.7438, 54.1658, 26.9846

Sweetspot

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



34.0900, 54.1679, 54.5586



70.4309, 87.5226, 98.0710



26.0790, 51.0496, 8.4802



14.5119, 18.4493, 20.6842



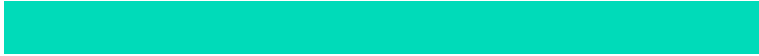
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.0900, 54.1679, 54.5586



48.0775, 76.4470, 76.7831



23.0685, 25.6776, 70.7605



13.3534, 14.7930, 16.3242



20.2456, 32.1309, 32.5225



1.3355, 2.0912, 2.2330

Inverse Universe

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



29.5042, 15.1772, 2.8911



41.6162, 21.4105, 3.9110



31.5991, 19.8295, 2.1632



13.1381, 13.0843, 13.9883



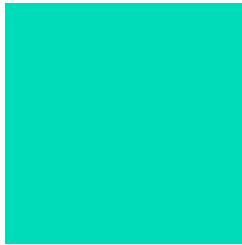
17.5192, 9.0087, 1.8479



1.1613, 0.5941, 0.2582

Previews

White Background



This preview shows how the XYZ color 34.0885, 54.1658, 54.5573 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 34.0885, 54.1658, 54.5573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

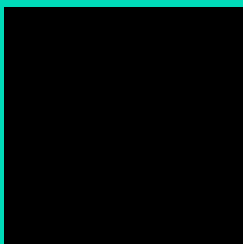
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

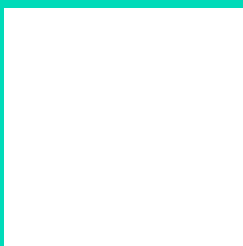
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.0885, 54.1658, 54.5573

Background



This preview shows how black text looks on a background with the XYZ color 34.0885, 54.1658, 54.5573.

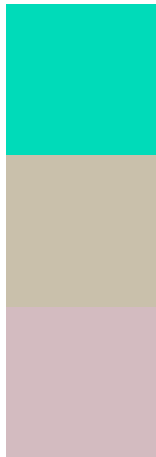


This preview shows how white text looks on a background with the XYZ color 34.0885, 54.1658,

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

34.0885, 54.1658, 54.5573

Protanopia

50.2877, 53.0571, 46.1187

Deuteranopia

54.1487, 53.1953, 57.2829



Tritanopia

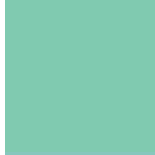
40.0638, 54.3258, 83.2373

Trichromacy



Original Color

34.0885, 54.1658, 54.5573



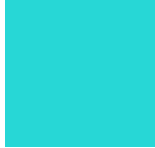
Protanomaly

37.8591, 49.9648, 48.7231



Deuteranomaly

39.4402, 49.5893, 55.6371



Tritanomaly

37.2747, 53.8873, 72.0550

Monochromacy



Original Color

34.0885, 54.1658, 54.5573



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

26.6601, 35.7372, 40.1432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0885, 54.1658, 54.5573 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, 219, 185)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 185)  
}
```

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, 219, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 185) }
```

Border

The CSS property to change the border of an element to XYZ 34.0885, 54.1658, 54.5573 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, 219, 185) }
```


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

```
.border{ border-color:rgb(0, 219, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 219, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 219, 185);  
box-shadow:4px 4px 4px 4px rgb(0, 219,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0885, 54.1658, 54.5573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 219, 185) }
```

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

```
.background{ background-color: rgb(0, 219,  
185) }
```

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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