

Converting Colors

XYZ(18.7063, 39.7132, 34.1927)

Have a look what the booklet for
XYZ(18.7063, 39.7132, 34.1927)
contains.

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Color

**XYZ(25.9207, 43.4151,
34.6176)**

Conversions

Conversions Part 1

Format	Color
Hex	00C893
RGB	0, 200, 147
RGB Percent	0%, 78%, 58%
CMY	0.9999, 0.2157, 0.4235
CMYK	1.00, 0.00, 0.27, 0.22
HSL	164°, 100%, 39%
HSV	164°, 100%, 78%
XYZ	25.9207, 43.4151, 34.6176
YIQ	134.1580, -102.1870, -58.8830

Conversions

Conversions Part 2

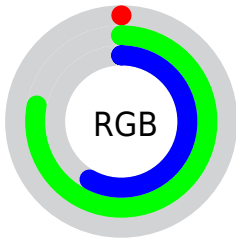
Format	Color
RYB	0, 115, 200
Decimal	51347
CIELab	71.84, -54.36, 14.94
CIELCh	72, 56.373, 164.634
Yxy	43.4151, 0.2493, 0.4176
Android (android.graphics.Color)	4278241427 (0xFF00C893)
YUV	134.1580, 6.3311, -117.6566
Hunter-Lab	65.8901, -45.0871, 14.9731

Details

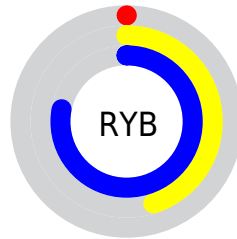
The XYZ color **25.9207, 43.4151, 34.6176** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **24.4636, 12.5375, 4.5013**, and the grayscale version is **22.7251, 23.9086, 26.0365**.

A 20% lighter version of the original color is **51.6694, 78.5037, 67.6878**, and **12.2367, 21.0953, 14.4932** is the 20% darker color. If you saturate the color by 10%, you get **25.9212, 43.4165, 34.6165**, and if you desaturate by 10%, it is **26.6362, 43.7359, 36.8739**.

Distribution



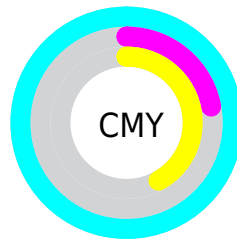
- Red (0%)
- Green (78%)
- Blue (58%)



- Red (0%)
- Yellow (45%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (22%)





- Cyan (100%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9207, 43.4151, 34.6176 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 25.9207, 43.4151, 34.6176 by changing the saturation by 10% instead.


 25.9207, 43.4151,
34.6176


 25.9207, 43.4151,
34.6176


274.6564,
360.3161, 337.7300


 16.8967, 30.2109,
23.0873


 52.5792, 80.3369,
68.0378


 10.2557, 19.9988,
14.4521


 70.9444, 104.8233,
90.7647


 5.6324, 12.3941,
8.2934


 93.1541, 133.8393,
118.0609

 2.6614, 7.0127,
4.1928

 119.5735,
167.7692, 150.3449

 0.9773, 3.4700,
1.7317

 150.5681,
206.9974, 188.0353

 0.0000, 1.3818,
0.3823

186.5032,

 0.0000, 0.2032,

251.9084, 231.5506

0.0000

227.7442,
302.8865, 281.3093

■ 0.0000, 0.0000,
0.0000

■ 25.9207, 43.4151,
34.6176

■ 25.9207, 43.4151,
34.6176

■ 25.9212, 43.4165,
34.6165

■ 26.6362, 43.7359,
36.8739

■ 27.6683, 44.2165,
39.2453

■ 29.1220, 44.9122,
41.7392

■ 31.0520, 45.8512,
44.3593

■ 33.5047, 47.0573,
47.1090

■ 36.5208, 48.5515,
49.9914

■ 40.1368, 50.3525,
53.0095

■ 44.3862, 52.4777,
56.1659

■ 49.2999, 54.9429,
59.4633

Harmonies

Analogous

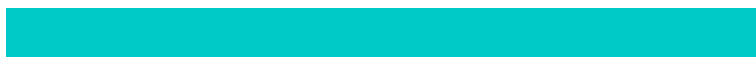
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.6219, 43.4151, 18.7781



25.9207, 43.4151, 34.6176



25.8760, 43.4151, 61.9023

Triad

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



25.9207, 43.4151, 34.6176



46.0990, 43.4151, 118.9542



55.8206, 43.4151, 19.0370

Complementary

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



25.9207, 43.4151, 34.6176



24.4636, 12.5375, 4.5013

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.



61.7923, 43.4151, 35.1496



25.9207, 43.4151, 34.6176



55.6171, 43.4151, 95.6671

Square

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



25.9207, 43.4151, 34.6176



36.5705, 43.4151, 118.6315



61.7126, 43.4151, 62.6854



46.3444, 43.4151, 12.4538

Rectangle

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



25.9207, 43.4151, 34.6176



27.8805, 43.4151, 84.0687



61.7126, 43.4151, 62.6854



58.3652, 43.4151, 23.1691

Sweetspot

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



25.9219, 43.4168, 34.6186



69.1908, 87.0265, 91.5404



22.1417, 42.0764, 6.9551



14.2129, 18.3297, 19.1099



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.



25.9219, 43.4168, 34.6186



44.7745, 75.1258, 59.3895



21.8730, 27.0644, 58.7167



10.8221, 12.0177, 13.0132



16.5197, 27.6203, 22.2131



0.8110, 1.3193, 1.2032

Inverse Universe

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



24.4636, 12.5375, 4.5013



42.2707, 21.6723, 7.3575



24.8242, 14.2876, 1.4500



10.7474, 10.6823, 11.6529



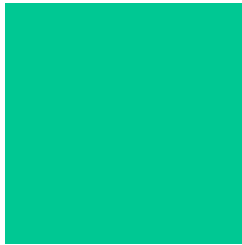
15.5859, 7.9839, 3.0295



0.7690, 0.3904, 0.3065

Previews

White Background



This preview shows how the XYZ color 25.9207, 43.4151, 34.6176 looks on a white background.

Color Contrast Check

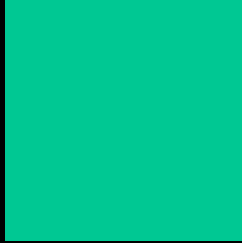
Large Text (above 18pt) WCAG AA × Fail

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 25.9207, 43.4151, 34.6176 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

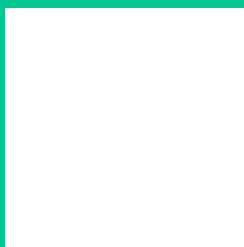
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9207, 43.4151, 34.6176

Background



This preview shows how black text looks on a background with the XYZ color 25.9207, 43.4151, 34.6176.



This preview shows how white text looks on a background with the XYZ color 25.9207, 43.4151,

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

25.9207, 43.4151, 34.6176

Protanopia

39.7589, 42.4605, 29.0218

Deuteranopia

43.3886, 42.4805, 36.4846



Tritanopia

32.4148, 43.3772, 66.3387

Trichromacy



Original Color

25.9207, 43.4151, 34.6176



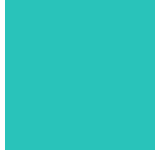
Protanomaly

29.0649, 39.5826, 30.5344



Deuteranomaly

30.6596, 39.3889, 35.2650



Tritanomaly

29.2925, 43.0468, 53.2194

Monochromacy



Original Color

25.9207, 43.4151, 34.6176



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

20.6334, 28.2491, 28.7912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9207, 43.4151, 34.6176 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, 200, 147)` looks like.

```
.text, #text, p{  
    color:rgb(0, 200, 147)  
}
```

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, 200, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 200, 147) }
```

Border

The CSS property to change the border of an element to XYZ 25.9207, 43.4151, 34.6176 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, 200, 147) }
```


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

```
.border{ border-color:rgb(0, 200, 147) }
```

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

Here you see how a box with a 4 pixel rgb(0, 200, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 200, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 200, 147);  
box-shadow:4px 4px 4px 4px rgb(0, 200,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9207, 43.4151, 34.6176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 200, 147) }
```

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

```
.background{ background-color: rgb(0, 200,  
147) }
```

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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