

Converting Colors

XYZ(25.1897, 43.4945, 29.6219)

Have a look what the booklet for
XYZ(25.1897, 43.4945, 29.6219)
contains.

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Color

**XYZ(25.1897, 43.4945,
29.6219)**

Conversions

Conversions Part 1

Format	Color
Hex	00C986
RGB	0, 201, 134
RGB Percent	0%, 79%, 53%
CMY	0.9999, 0.2118, 0.4745
CMYK	1.00, 0.00, 0.33, 0.21
HSL	160°, 100%, 39%
HSV	160°, 100%, 79%
XYZ	25.1897, 43.4945, 29.6219
YIQ	133.2630, -98.2890, -63.4490

Conversions

Conversions Part 2

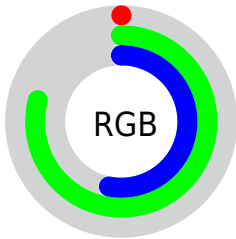
Format	Color
RYB	0, 121, 201
Decimal	51590
CIELab	71.89, -57.67, 21.94
CIELCh	72, 61.699, 159.169
Yxy	43.4945, 0.2562, 0.4424
Android (android.graphics.Color)	4278241670 (0xFF00C986)
YUV	133.2630, 0.3633, -116.8717
Hunter-Lab	65.9504, -47.2352, 19.5349

Details

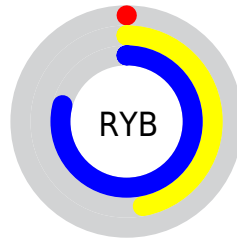
The XYZ color **25.1897, 43.4945, 29.6219** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **25.1021, 12.8238, 6.4653**, and the grayscale version is **22.4170, 23.5844, 25.6834**.

A 20% lighter version of the original color is **50.2039, 77.9175, 59.9705**, and **11.8791, 21.1979, 11.8530** is the 20% darker color. If you saturate the color by 10%, you get **25.1902, 43.4960, 29.6208**, and if you desaturate by 10%, it is **25.9639, 43.8390, 32.1768**.

Distribution



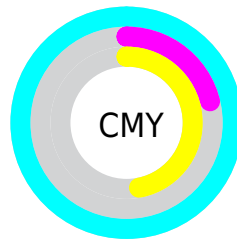
- Red (0%)
- Green (79%)
- Blue (53%)



- Red (0%)
- Yellow (47%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (21%)





- Cyan (100%)
- Magenta (21%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1897, 43.4945, 29.6219 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 25.1897, 43.4945, 29.6219 by changing the saturation by 10% instead.


 25.1897, 43.4945,
29.6219


 25.1897, 43.4945,
29.6219


271.1116,
360.6415, 314.2903


 16.3479, 30.2733,
19.3022


 51.4055, 80.4565,
60.1176


 9.8631, 20.0461,
11.7098


 69.5102, 104.9662,
81.1307


 5.3698, 12.4286,
6.4263


 91.4333, 134.0074,
106.5453

 2.5028, 7.0363,
3.0330

 117.5401,
167.9647, 136.7800

 0.8967, 3.4848,
1.1115

 148.1960,
207.2223, 172.2533

 0.0000, 1.3898,
0.0000

183.7663,

 0.0000, 0.2092,

252.1647, 213.3838

0.0000

224.6164,
303.1763, 260.5899

■ 0.0000, 0.0000,
0.0000

■ 25.1897, 43.4945,
29.6219

■ 25.1897, 43.4945,
29.6219

■ 25.1902, 43.4960,
29.6208

■ 25.9639, 43.8390,
32.1768

■ 27.0692, 44.3496,
34.9037

■ 28.6116, 45.0820,
37.8110

■ 30.6469, 46.0649,
40.9042

■ 33.2224, 47.3226,
44.1879

■ 36.3794, 48.8763,
47.6666

■ 40.1552, 50.7453,
51.3444

■ 44.5839, 52.9471,
55.2255

■ 49.6970, 55.4978,
59.3135

Harmonies

Analogous

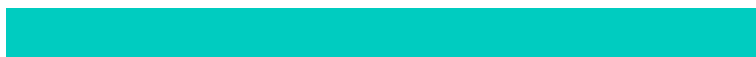
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.8498, 43.4945, 15.1774



25.1897, 43.4945, 29.6219



24.4340, 43.4945, 57.1873

Triad

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



25.1897, 43.4945, 29.6219



44.6432, 43.4945, 130.4972



59.0604, 43.4945, 19.4117

Complementary

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



25.1897, 43.4945, 29.6219



25.1021, 12.8238, 6.4653

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.



64.6587, 43.4945, 38.7251



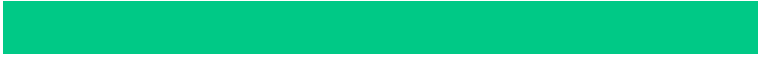
25.1897, 43.4945, 29.6219



55.4553, 43.4945, 107.8528

Square

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



25.1897, 43.4945, 29.6219



34.5654, 43.4945, 124.6091



63.2380, 43.4945, 71.0513



48.9470, 43.4945, 11.2568

Rectangle

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



25.1897, 43.4945, 29.6219



26.0924, 43.4945, 81.5177



63.2380, 43.4945, 71.0513



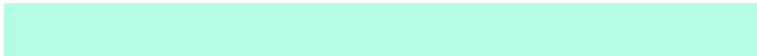
61.6044, 43.4945, 24.3887

Sweetspot

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



25.1908, 43.4962, 29.6229



68.4475, 86.7292, 87.6265



23.4395, 43.0905, 7.0824



14.0348, 18.2585, 18.1718



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.



25.1908, 43.4962, 29.6229



43.0150, 74.4220, 50.1243



25.0788, 33.2885, 60.3639



10.7906, 12.0051, 12.8474



15.8820, 27.3652, 18.8552



0.7846, 1.3088, 1.0645

Inverse Universe

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



25.1021, 12.8238, 6.4653



42.8800, 21.9160, 10.5661



24.5568, 13.3549, 1.2840



10.7773, 10.6943, 11.8104



15.8206, 8.0778, 4.2654



0.7829, 0.3960, 0.3798

Previews

White Background



This preview shows how the XYZ color 25.1897, 43.4945, 29.6219 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 25.1897, 43.4945, 29.6219 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 25.1897, 43.4945, 29.6219

Background



This preview shows how black text looks on a background with the XYZ color 25.1897, 43.4945, 29.6219.

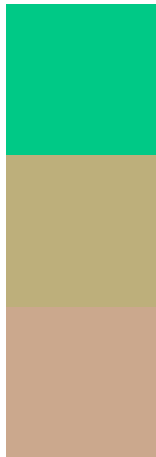


This preview shows how white text looks on a background with the XYZ color 25.1897, 43.4945,

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

25.1897, 43.4945, 29.6219

Protanopia

39.8914, 42.9088, 24.9186

Deuteranopia

43.4390, 42.6249, 31.1372



Tritanopia

32.6379, 43.5064, 65.7089

Trichromacy



Original Color

25.1897, 43.4945, 29.6219



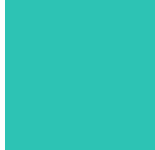
Protanomaly

28.7170, 39.8064, 26.2485



Deuteranomaly

29.9620, 39.1446, 30.0213



Tritanomaly

28.8355, 42.8834, 49.9375

Monochromacy



Original Color

25.1897, 43.4945, 29.6219



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

20.2068, 28.0785, 26.5450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1897, 43.4945, 29.6219 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, 201, 134)` looks like.

```
.text, #text, p{  
    color:rgb(0, 201, 134)  
}
```

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, 201, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 201, 134) }
```

Border

The CSS property to change the border of an element to XYZ 25.1897, 43.4945, 29.6219 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, 201, 134) }
```


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

```
.border{ border-color:rgb(0, 201, 134) }
```

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

Here you see how a box with a 4 pixel rgb(0, 201, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 201, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 201, 134);  
box-shadow:4px 4px 4px 4px rgb(0, 201,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1897, 43.4945, 29.6219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 201, 134) }
```

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

```
.background{ background-color: rgb(0, 201,  
134) }
```

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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