

# Converting Colors

XYZ(26.0450, 40.9299, 43.0868)

Have a look what the booklet for  
XYZ(26.0450, 40.9299, 43.0868)  
contains.

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# Color

**XYZ(26.0450, 40.9299,  
43.0868)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C1A7
RGB	0, 193, 167
RGB Percent	0%, 76%, 65%
CMY	0.9999, 0.2431, 0.3451
CMYK	1.00, 0.00, 0.13, 0.24
HSL	172°, 100%, 38%
HSV	172°, 100%, 76%
XYZ	26.0450, 40.9299, 43.0868
YIQ	132.3290, -106.6820, -49.0020

# Conversions

## Conversions Part 2

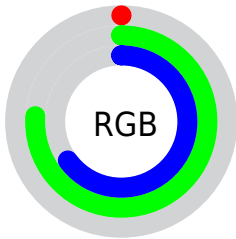
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 103, 193
Decimal	49575
CIELab	70.13, -46.47, 1.66
CIELCh	70, 46.504, 177.953
Yxy	40.9299, 0.2366, 0.3719
Android (android.graphics.Color)	4278239655 (0xFF00C1A7)
YUV	132.3290, 17.0928, -116.0525
Hunter-Lab	63.9765, -39.2910, 4.8530

# Details

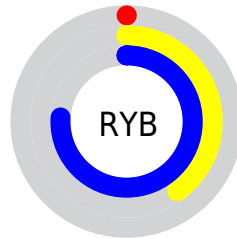
The XYZ color **26.0450, 40.9299, 43.0868** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **22.1802, 11.4132, 2.0130**, and the grayscale version is **22.0224, 23.1692, 25.2313**.

A 20% lighter version of the original color is **52.6260, 76.3545, 81.0715**, and **12.1830, 19.4148, 19.3250** is the 20% darker color. If you saturate the color by 10%, you get **26.0454, 40.9311, 43.0858**, and if you desaturate by 10%, it is **26.5637, 41.1702, 44.3798**.

# Distribution



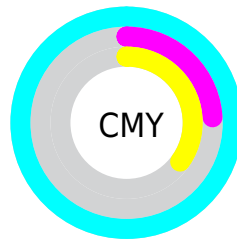
- Red (0%)
- Green (76%)
- Blue (65%)



- Red (0%)
- Yellow (40%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)




- Cyan (100%)
- Magenta (24%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0450, 40.9299, 43.0868 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 26.0450, 40.9299, 43.0868 by changing the saturation by 10% instead.





 26.0450, 40.9299,  
43.0868


 26.0450, 40.9299,  
43.0868


275.2556,  
350.0275, 374.9003


 16.9902, 28.2643,  
29.6213


 52.7783, 76.5775,  
81.1296


 10.3227, 18.5250,  
19.3017


 71.1875, 100.3282,  
106.5440


 5.6774, 11.3276,  
11.7095


 93.4455, 128.5429,  
136.7784

 2.6887, 6.2876,  
6.4261

 119.9177,  
161.6057, 172.2515

 0.9914, 3.0207,  
3.0329

 150.9695,  
199.9012, 213.3816

 0.0000, 1.1426,  
1.1115

186.9661,

 0.0000, 0.0140,

243.8138, 260.5875

0.0000

228.2730,  
293.7278, 314.2875

■ 0.0000, 0.0000,  
0.0000

■ 26.0450, 40.9299,  
43.0868

■ 26.0450, 40.9299,  
43.0868

■ 26.0454, 40.9311,  
43.0858

■ 26.5637, 41.1702,  
44.3798

■ 27.3592, 41.5517,  
45.7101

■ 28.5300, 42.1261,  
47.0836

■ 30.1260, 42.9190,  
48.5027

■ 32.1892, 43.9524,  
49.9694

■ 34.7568, 45.2451,  
51.4857

■ 37.8622, 46.8145,  
53.0532

■ 41.5356, 48.6762,  
54.6736

■ 45.8054, 50.8447,  
56.3482

# Harmonies

## Analogous

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



27.7800, 40.9299, 25.8363



26.0450, 40.9299, 43.0868



27.3649, 40.9299, 67.2140

# Triad

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



26.0450, 40.9299, 43.0868



46.1658, 40.9299, 92.7251



47.1871, 40.9299, 17.6634

# Complementary

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



26.0450, 40.9299, 43.0868



22.1802, 11.4132, 2.0130

# 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.



53.2984, 40.9299, 27.6795



26.0450, 40.9299, 43.0868



52.6568, 40.9299, 70.6786

# Square

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



26.0450, 40.9299, 43.0868



38.3828, 40.9299, 100.8703



55.4183, 40.9299, 46.0781



39.4272, 40.9299, 14.4521



# Rectangle

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



26.0450, 40.9299, 43.0868



29.9097, 40.9299, 83.4492



55.4183, 40.9299, 46.0781



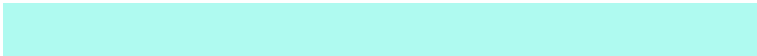
49.5385, 40.9299, 20.1437

# Sweetspot

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



26.0462, 40.9315, 43.0878



67.5163, 83.6942, 94.8773



19.5768, 38.4021, 6.3814



13.9560, 17.6879, 20.0964



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138



# Same Dimension

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



26.0462, 40.9315, 43.0878



46.5788, 73.2788, 76.8099



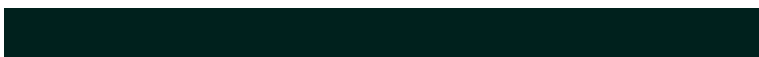
17.0186, 18.6351, 53.1537



10.3083, 11.4044, 12.6266



17.3443, 27.2318, 28.7697



0.7659, 1.1832, 1.3300



# Inverse Universe

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



22.1802, 11.4132, 2.0130



39.6725, 20.4191, 3.3390



24.0344, 15.4204, 1.7105



10.1272, 10.0995, 10.7605



14.7689, 7.5973, 1.4293

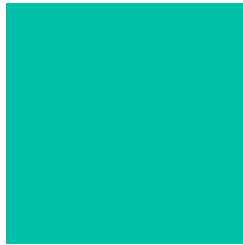


0.6565, 0.3356, 0.1584



# Previews

## White Background



This preview shows how the XYZ color 26.0450, 40.9299, 43.0868 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 26.0450, 40.9299, 43.0868 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

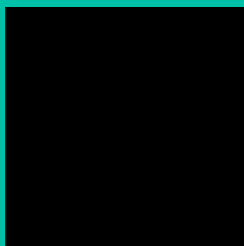
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

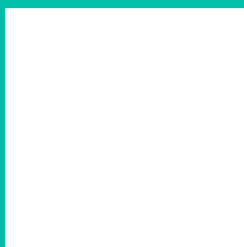
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 26.0450, 40.9299, 43.0868**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.0450, 40.9299, 43.0868.



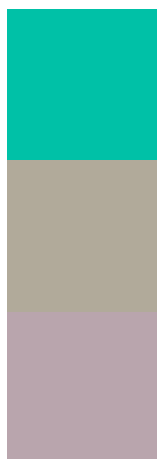
This preview shows how white text looks on a background with the XYZ color 26.0450, 40.9299,



# 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

26.0450, 40.9299, 43.0868

### Protanopia

38.3389, 40.4297, 36.3549

### Deuteranopia

41.0055, 40.2417, 45.1414



## Tritanopia

30.2309, 41.0351, 62.8271

# Trichromacy



## Original Color

26.0450, 40.9299, 43.0868



## Protanomaly

28.9885, 37.8547, 38.5797



## Deuteranomaly

30.1519, 37.4518, 44.1678



## Tritanomaly

28.3674, 40.8847, 55.1116

# Monochromacy



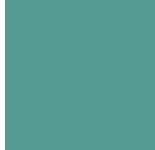
## Original Color

26.0450, 40.9299, 43.0868



## Achromatopsia

21.9318, 23.0740, 25.1276



## Achromatomaly

20.3226, 27.0404, 30.9363

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.0450, 40.9299, 43.0868 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, 193, 167)` looks like.

```
.text, #text, p{  
    color:rgb(0, 193, 167)  
}
```

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, 193, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 193, 167) }
```

## Border

The CSS property to change the border of an element to XYZ 26.0450, 40.9299, 43.0868 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, 193, 167) }
```



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

```
.border{ border-color:rgb(0, 193, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 193, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 193, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 193, 167); box-shadow:4px 4px 4px 4px rgb(0, 193, 167) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.0450, 40.9299, 43.0868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 193, 167) }
```

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

```
.background{ background-color: rgb(0, 193,  
167) }
```

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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