

Converting Colors

XYZ(26.6550, 43.7089, 38.4843)

Have a look what the booklet for
XYZ(26.6550, 43.7089, 38.4843)
contains.

XYZ(26.6550, 43.7089, 38.4843)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.6550, 43.7089,
38.4843)**

Conversions

Conversions Part 1

Format	Color
Hex	00C89C
RGB	0, 200, 156
RGB Percent	0%, 78%, 61%
CMY	0.9999, 0.2157, 0.3882
CMYK	1.00, 0.00, 0.22, 0.22
HSL	167°, 100%, 39%
HSV	167°, 100%, 78%
XYZ	26.6550, 43.7089, 38.4843
YIQ	135.1840, -105.0760, -56.0840

Conversions

Conversions Part 2

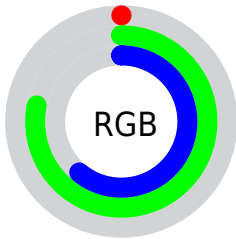
Format	Color
RYB	0, 112, 200
Decimal	51356
CIELab	72.03, -52.18, 10.37
CIELCh	72, 53.198, 168.754
Yxy	43.7089, 0.2449, 0.4016
Android (android.graphics.Color)	4278241436 (0xFF00C89C)
YUV	135.1840, 10.2623, -118.5564
Hunter-Lab	66.1127, -43.7305, 11.7661

Details

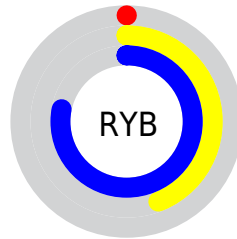
The XYZ color **26.6550, 43.7089, 38.4843** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **24.2756, 12.4623, 3.5110**, and the grayscale version is **23.0912, 24.2938, 26.4559**.

A 20% lighter version of the original color is **52.8847, 78.9899, 74.0873**, and **12.6752, 21.2707, 16.8022** is the 20% darker color. If you saturate the color by 10%, you get **26.6556, 43.7103, 38.4834**, and if you desaturate by 10%, it is **27.3244, 44.0112, 40.4974**.

Distribution



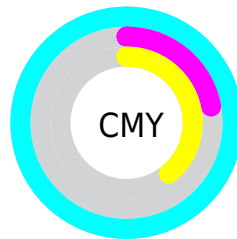
- Red (0%)
- Green (78%)
- Blue (61%)



- Red (0%)
- Yellow (44%)
- Blue (78%)



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




- Cyan (100%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6550, 43.7089, 38.4843 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 26.6550, 43.7089, 38.4843 by changing the saturation by 10% instead.


 26.6550, 43.7089,
38.4843


 26.6550, 43.7089,
38.4843


278.1809,
361.5191, 355.0532


 17.4495, 30.4417,
26.0540


 53.7536, 80.7795,
74.0615


 10.6528, 20.1741,
16.6379


 72.3774, 105.3518,
98.0455


 5.8994, 12.5217,
9.8175


 94.8713, 134.4612,
126.7178

 2.8241, 7.1000,
5.1741

 121.6008,
168.4921, 160.4970

 1.0614, 3.5247,
2.2892

 152.9311,
207.8289, 199.8016

 0.0000, 1.4114,
0.7252

189.2277,

 0.0000, 0.2251,

252.8561, 245.0501

0.0000

230.8558,
303.9580, 296.6612

■ 0.0000, 0.0000,
0.0000

■ 26.6550, 43.7089,
38.4843

■ 26.6550, 43.7089,
38.4843

■ 26.6556, 43.7103,
38.4834

■ 27.3244, 44.0112,
40.4974

■ 28.3045, 44.4711,
42.5953

■ 29.7004, 45.1436,
44.7846

■ 31.5665, 46.0571,
47.0685

■ 33.9493, 47.2352,
49.4500

■ 36.8893, 48.6989,
51.9315

■ 40.4229, 50.4670,
54.5155

■ 44.5835, 52.5567,
57.2041

■ 49.4019, 54.9838,
59.9996

Harmonies

Analogous

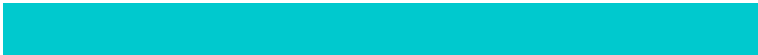
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.7425, 43.7089, 21.6361



26.6550, 43.7089, 38.4843



27.0980, 43.7089, 65.5612

Triad

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



26.6550, 43.7089, 38.4843



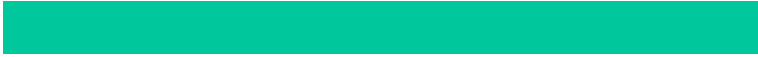
47.4187, 43.7089, 112.4419



54.1614, 43.7089, 19.0106

Complementary

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



26.6550, 43.7089, 38.4843



24.2756, 12.4623, 3.5110

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.



60.3829, 43.7089, 33.2478



26.6550, 43.7089, 38.4843



56.1152, 43.7089, 88.7943

Square

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



26.6550, 43.7089, 38.4843



38.2287, 43.7089, 115.4773



61.1460, 43.7089, 58.0330



45.0456, 43.7089, 13.4498

Rectangle

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



26.6550, 43.7089, 38.4843



29.3533, 43.7089, 86.2916



61.1460, 43.7089, 58.0330



56.7142, 43.7089, 22.6368

Sweetspot

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



26.6562, 43.7106, 38.4853



69.6924, 87.2272, 94.1817



21.8129, 41.9070, 6.9398



14.3336, 18.3780, 19.7453



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.



26.6562, 43.7106, 38.4853



46.0564, 75.6386, 66.1402



20.8091, 24.9367, 58.3622



10.8430, 12.0261, 13.1232



16.9825, 27.8054, 24.6504



0.8296, 1.3268, 1.3013

Inverse Universe

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



24.2756, 12.4623, 3.5110



41.9564, 21.5466, 5.7026



25.1095, 14.8580, 1.5450



10.7278, 10.6745, 11.5500



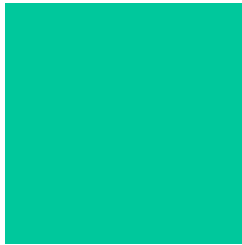
15.4623, 7.9345, 2.3783



0.7602, 0.3869, 0.2602

Previews

White Background



This preview shows how the XYZ color 26.6550, 43.7089, 38.4843 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 26.6550, 43.7089, 38.4843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

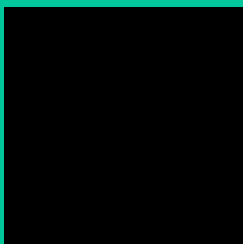
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

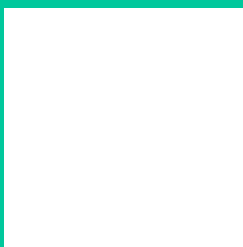
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6550, 43.7089, 38.4843

Background



This preview shows how black text looks on a background with the XYZ color 26.6550, 43.7089, 38.4843.

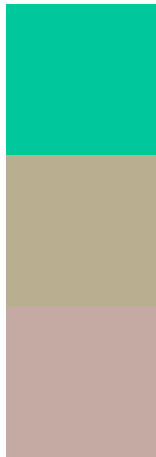


This preview shows how white text looks on a background with the XYZ color 26.6550, 43.7089,

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

26.6550, 43.7089, 38.4843

Protanopia

40.3716, 42.9878, 32.5552

Deuteranopia

43.8248, 42.8906, 40.6192



Tritanopia

32.5652, 43.7675, 67.0532

Trichromacy



Original Color

26.6550, 43.7089, 38.4843



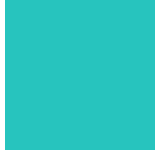
Protanomaly

29.9570, 40.2706, 34.2111



Deuteranomaly

31.1239, 39.5406, 39.2494



Tritanomaly

29.8709, 43.6289, 55.5621

Monochromacy



Original Color

26.6550, 43.7089, 38.4843



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

21.1938, 28.7579, 30.4204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6550, 43.7089, 38.4843 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 200, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 200, 156) }
```

Border

The CSS property to change the border of an element to XYZ 26.6550, 43.7089, 38.4843 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, 156) }
```


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

```
.border{ border-color:rgb(0, 200, 156) }
```

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, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 200, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 200, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 200,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6550, 43.7089, 38.4843 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, 156) }
```

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

```
.background{ background-color: rgb(0, 200,  
156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor