

Converting Colors

XYZ(16.5688, 38.3072, 37.8278)

Have a look what the booklet for
XYZ(16.5688, 38.3072, 37.8278)
contains.

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Color

**XYZ(26.4242, 43.2471,
38.4073)**

Conversions

Conversions Part 1

Format	Color
Hex	00C79C
RGB	0, 199, 156
RGB Percent	0%, 78%, 61%
CMY	0.9999, 0.2196, 0.3882
CMYK	1.00, 0.00, 0.22, 0.22
HSL	167°, 100%, 39%
HSV	167°, 100%, 78%
XYZ	26.4242, 43.2471, 38.4073
YIQ	134.5970, -104.8010, -55.5610

Conversions

Conversions Part 2

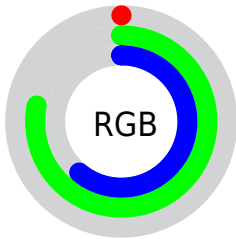
Format	Color
RYB	0, 112, 199
Decimal	51100
CIELab	71.72, -51.78, 9.93
CIELCh	72, 52.727, 169.142
Yxy	43.2471, 0.2445, 0.4001
Android (android.graphics.Color)	4278241180 (0xFF00C79C)
YUV	134.5970, 10.5517, -118.0416
Hunter-Lab	65.7625, -43.3609, 11.4066

Details

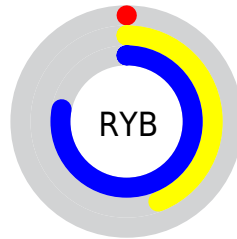
The XYZ color **26.4242, 43.2471, 38.4073** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **23.9910, 12.3179, 3.4017**, and the grayscale version is **22.8738, 24.0650, 26.2068**.

A 20% lighter version of the original color is **52.7597, 78.9398, 73.4290**, and **12.5231, 20.9664, 16.7515** is the 20% darker color. If you saturate the color by 10%, you get **26.4244, 43.2484, 38.4053**, and if you desaturate by 10%, it is **27.0829, 43.5449, 40.3742**.

Distribution



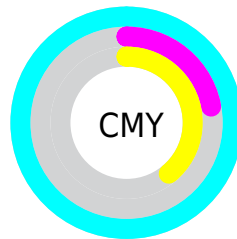
- Red (0%)
- Green (78%)
- Blue (61%)



- 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 26.4242, 43.2471, 38.4073 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 26.4242, 43.2471, 38.4073 by changing the saturation by 10% instead.


 26.4242, 43.2471,
38.4073


 26.4242, 43.2471,
38.4073


277.0769,
359.6270, 354.7144


 17.2756, 30.0790,
25.9947


 53.3849, 80.0836,
73.9423


 10.5277, 19.8986,
16.5939


 71.9278, 104.5209,
97.9018


 5.8152, 12.3214,
9.7865


 94.3328, 133.4833,
126.5473

 2.7726, 6.9629,
5.1539

 120.9652,
167.3553, 160.2974

 1.0347, 3.4389,
2.2775

 152.1905,
206.5213, 199.5707

 0.0000, 1.3650,
0.7186

188.3740,

 0.0000, 0.1907,

251.3656, 244.7855

0.0000

229.8810,
302.2727, 296.3606

■ 0.0000, 0.0000,
0.0000

■ 26.4242, 43.2471,
38.4073

■ 26.4242, 43.2471,
38.4073

■ 26.4244, 43.2484,
38.4053

■ 27.0829, 43.5449,
40.3742

■ 28.0481, 43.9982,
42.4225

■ 29.4239, 44.6615,
44.5587

■ 31.2641, 45.5628,
46.7859

■ 33.6144, 46.7255,
49.1070

■ 36.5149, 48.1703,
51.5244

■ 40.0016, 49.9156,
54.0406

■ 44.1075, 51.9786,
56.6575

■ 48.8629, 54.3748,
59.3774

Harmonies

Analogous

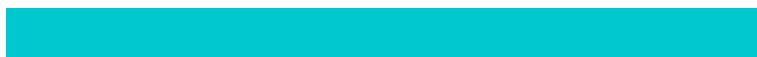
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.4227, 43.2471, 21.6602



26.4242, 43.2471, 38.4073



26.9060, 43.2471, 65.1538

Triad

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



26.4242, 43.2471, 38.4073



47.0055, 43.2471, 110.6189



53.4120, 43.2471, 18.7989

Complementary

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



26.4242, 43.2471, 38.4073



23.9910, 12.3179, 3.4017

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.



59.5844, 43.2471, 32.7157



26.4242, 43.2471, 38.4073



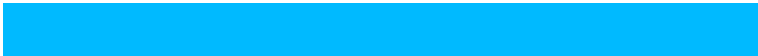
55.5309, 43.2471, 87.2126

Square

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



26.4242, 43.2471, 38.4073



37.9500, 43.2471, 113.9045



60.4116, 43.2471, 56.9887



44.4303, 43.2471, 13.3921

Rectangle

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



26.4242, 43.2471, 38.4073



29.1585, 43.2471, 85.5191



60.4116, 43.2471, 56.9887



55.9365, 43.2471, 22.3407

Sweetspot

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



26.4254, 43.2488, 38.4083



69.7364, 87.2448, 94.4136



21.4265, 41.3649, 6.8558



14.3442, 18.3822, 19.8011



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.



26.4254, 43.2488, 38.4083



46.1725, 75.6850, 66.7514



20.0762, 23.6571, 57.5428



10.8448, 12.0268, 13.1327



17.0244, 27.8221, 24.8707



0.8313, 1.3274, 1.3101

Inverse Universe

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



23.9910, 12.3179, 3.4017



41.9322, 21.5369, 5.5752



24.9881, 15.0105, 1.5812



10.7261, 10.6738, 11.5411



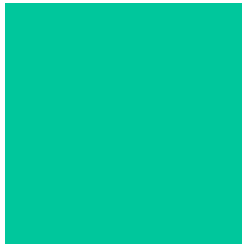
15.4526, 7.9306, 2.3276



0.7594, 0.3866, 0.2562

Previews

White Background



This preview shows how the XYZ color 26.4242, 43.2471, 38.4073 looks on a white background.

Color Contrast Check

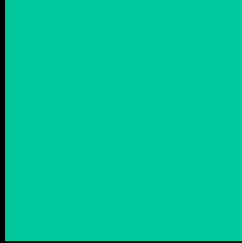
Large Text (above 18pt) WCAG AA × Fail

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 26.4242, 43.2471, 38.4073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

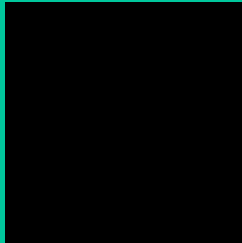
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

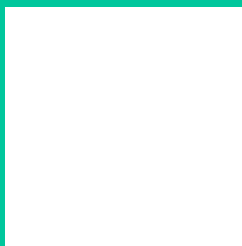
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4242, 43.2471, 38.4073

Background



This preview shows how black text looks on a background with the XYZ color 26.4242, 43.2471, 38.4073.



This preview shows how white text looks on a background with the XYZ color 26.4242, 43.2471,

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

26.4242, 43.2471, 38.4073

Protanopia

39.9373, 42.4761, 32.4793

Deuteranopia

43.3784, 42.3854, 40.5452



Tritanopia

32.1593, 43.2454, 66.3267

Trichromacy



Original Color

26.4242, 43.2471, 38.4073



Protanomaly

29.6149, 39.7870, 34.1358



Deuteranomaly

30.9227, 39.1382, 39.1823



Tritanomaly

29.5371, 43.1357, 54.9134

Monochromacy



Original Color

26.4242, 43.2471, 38.4073



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

21.0225, 28.4153, 30.3633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4242, 43.2471, 38.4073 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, 199, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 199, 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, 199, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 199, 156) }
```

Border

The CSS property to change the border of an element to XYZ 26.4242, 43.2471, 38.4073 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, 199, 156) }
```


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

```
.border{ border-color:rgb(0, 199, 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, 199, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 199, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 199, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 199,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4242, 43.2471, 38.4073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 199, 156) }
```

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

```
.background{ background-color: rgb(0, 199,  
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](#).

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