

Converting Colors

XYZ(25.9716, 42.7650, 39.4942)

Have a look what the booklet for
XYZ(25.9716, 42.7650, 39.4942)
contains.

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Color

**XYZ(26.4521, 42.8914,
39.6856)**

Conversions

Conversions Part 1

Format	Color
Hex	00C69F
RGB	0, 198, 159
RGB Percent	0%, 78%, 62%
CMY	0.9999, 0.2235, 0.3765
CMYK	1.00, 0.00, 0.20, 0.22
HSL	168°, 100%, 39%
HSV	168°, 100%, 78%
XYZ	26.4521, 42.8914, 39.6856
YIQ	134.3520, -105.4890, -54.1050

Conversions

Conversions Part 2

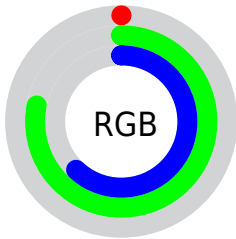
Format	Color
RYB	0, 110, 198
Decimal	50847
CIELab	71.48, -50.63, 7.97
CIELCh	71, 51.252, 171.058
Yxy	42.8914, 0.2426, 0.3934
Android (android.graphics.Color)	4278240927 (0xFF00C69F)
YUV	134.3520, 12.1515, -117.8267
Hunter-Lab	65.4915, -42.5138, 9.9164

Details

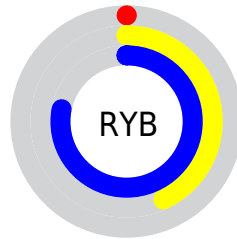
The XYZ color **26.4521, 42.8914, 39.6856** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **23.6565, 12.1534, 3.0208**, and the grayscale version is **22.7773, 23.9635, 26.0963**.

A 20% lighter version of the original color is **53.2644, 79.1417, 76.0869**, and **12.5292, 20.7276, 17.5278** is the 20% darker color. If you saturate the color by 10%, you get **26.4525, 42.8927, 39.6843**, and if you desaturate by 10%, it is **27.0819, 43.1774, 41.5112**.

Distribution



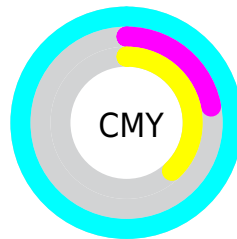
- Red (0%)
- Green (78%)
- Blue (62%)



- Red (0%)
- Yellow (43%)
- Blue (78%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



- Cyan (100%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4521, 42.8914, 39.6856 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 26.4521, 42.8914, 39.6856 by changing the saturation by 10% instead.

■ 26.4521, 42.8914,
39.6856

■ 26.4521, 42.8914,
39.6856

277.2106,
358.1650, 360.3093

■ 17.2966, 29.7999,
26.9816

■ 53.4295, 79.5470,
75.9164

■ 10.5428, 19.6868,
17.3271

■ 71.9822, 103.8798,
100.2802

■ 5.8253, 12.1676,
10.3035

■ 94.3979, 132.7286,
129.3677

■ 2.7788, 6.8579,
5.4924

■ 121.0421,
166.4777, 163.5974

■ 1.0379, 3.3734,
2.4753

■ 152.2801,
205.5114, 203.3879

■ 0.0000, 1.3296,
0.8270

188.4773,

■ 0.0000, 0.1640,

250.2143, 249.1576

0.0000

229.9990,
300.9707, 301.3253

■ 0.0000, 0.0000,
0.0000

■ 26.4521, 42.8914,
39.6856

■ 26.4521, 42.8914,
39.6856

■ 26.4525, 42.8927,
39.6843

■ 27.0819, 43.1774,
41.5112

■ 28.0123, 43.6160,
43.4061

■ 29.3463, 44.2615,
45.3768

■ 31.1372, 45.1413,
47.4260

■ 33.4301, 46.2785,
49.5565

■ 36.2644, 47.6936,
51.7705

■ 39.6758, 49.4048,
54.0702

■ 43.6966, 51.4290,
56.4576

■ 48.3571, 53.7815,
58.9345

Harmonies

Analogous

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



29.1565, 42.8914, 22.7145



26.4521, 42.8914, 39.6856



27.1386, 42.8914, 65.9808

Triad

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



26.4521, 42.8914, 39.6856



47.0363, 42.8914, 106.7067



52.1331, 42.8914, 18.5974

Complementary

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



26.4521, 42.8914, 39.6856



23.6565, 12.1534, 3.0208

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.



58.3308, 42.8914, 31.5991



26.4521, 42.8914, 39.6856



55.1111, 42.8914, 83.4698

Square

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



26.4521, 42.8914, 39.6856



38.2374, 42.8914, 111.2823



59.4915, 42.8914, 54.4989



43.4058, 42.8914, 13.6926

Rectangle

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



26.4521, 42.8914, 39.6856



29.4732, 42.8914, 85.4691



59.4915, 42.8914, 54.4989



54.6301, 42.8914, 21.8917

Sweetspot

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



26.4533, 42.8931, 39.6866



69.9527, 87.3313, 95.5529



21.0554, 40.8332, 6.7726



14.3964, 18.4031, 20.0759



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.



26.4533, 42.8931, 39.6866



46.7511, 75.9164, 69.7984



19.3700, 22.4300, 56.7365



10.8537, 12.0304, 13.1797



17.2328, 27.9055, 25.9684



0.8395, 1.3307, 1.3535

Inverse Universe

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



23.6565, 12.1534, 3.0208



41.8208, 21.4923, 4.9885



24.8753, 15.1774, 1.6192



10.7179, 10.6705, 11.4976



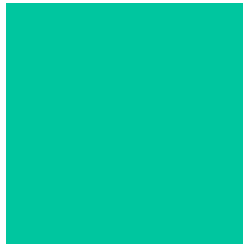
15.4080, 7.9128, 2.0925



0.7557, 0.3851, 0.2365

Previews

White Background



This preview shows how the XYZ color 26.4521, 42.8914, 39.6856 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 26.4521, 42.8914, 39.6856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

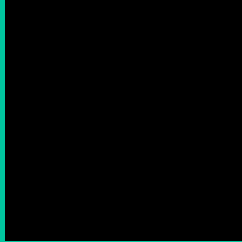
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

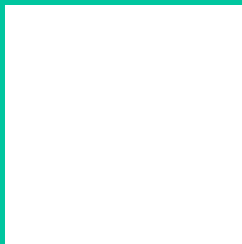
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4521, 42.8914, 39.6856

Background



This preview shows how black text looks on a background with the XYZ color 26.4521, 42.8914, 39.6856.



This preview shows how white text looks on a background with the XYZ color 26.4521, 42.8914,

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

26.4521, 42.8914, 39.6856

Protanopia

39.6603, 42.0297, 33.2164

Deuteranopia

43.1337, 42.2278, 41.9538



Tritanopia

31.6969, 42.6964, 65.6021

Trichromacy



Original Color

26.4521, 42.8914, 39.6856



Protanomaly

29.5163, 39.4033, 35.3281



Deuteranomaly

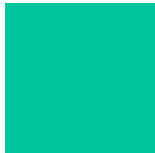
30.8993, 39.0955, 40.5679



Tritanomaly

29.3854, 42.7133, 55.4109

Monochromacy



Original Color

26.4521, 42.8914, 39.6856



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

20.7612, 28.0284, 30.3024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4521, 42.8914, 39.6856 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, 198, 159)` looks like.

```
.text, #text, p{  
    color:rgb(0, 198, 159)  
}
```

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, 198, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 198, 159) }
```

Border

The CSS property to change the border of an element to XYZ 26.4521, 42.8914, 39.6856 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, 198, 159) }
```


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

```
.border{ border-color:rgb(0, 198, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 198, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 198, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 198, 159);  
box-shadow:4px 4px 4px 4px rgb(0, 198,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4521, 42.8914, 39.6856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 198, 159) }
```

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

```
.background{ background-color: rgb(0, 198,  
159) }
```

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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