

Converting Colors

XYZ(26.3009, 41.9239, 41.6859)

Have a look what the booklet for
XYZ(26.3009, 41.9239, 41.6859)
contains.

XYZ(26.4408, 42.1602, 41.8661)	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(26.4408, 42.1602,
41.8661)**

Conversions

Conversions Part 1

Format	Color
Hex	00C4A4
RGB	0, 196, 164
RGB Percent	0%, 77%, 64%
CMY	0.9999, 0.2314, 0.3569
CMYK	1.00, 0.00, 0.16, 0.23
HSL	170°, 100%, 38%
HSV	170°, 100%, 77%
XYZ	26.4408, 42.1602, 41.8661
YIQ	133.7480, -106.5440, -51.5040

Conversions

Conversions Part 2

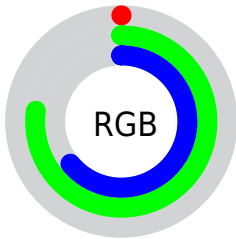
Format	Color
RYB	0, 107, 196
Decimal	50340
CIELab	70.98, -48.52, 4.53
CIELCh	71, 48.732, 174.661
Yxy	42.1602, 0.2394, 0.3817
Android (android.graphics.Color)	4278240420 (0xFF00C4A4)
YUV	133.7480, 14.9142, -117.2970
Hunter-Lab	64.9309, -40.9413, 7.2226

Details

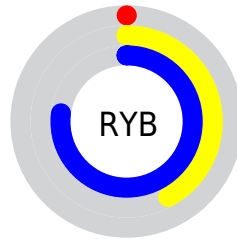
The XYZ color **26.4408, 42.1602, 41.8661** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **23.0272, 11.8413, 2.4408**, and the grayscale version is **22.5465, 23.7207, 25.8318**.

A 20% lighter version of the original color is **53.5948, 78.7648, 79.3962**, and **12.4495, 20.2196, 18.5759** is the 20% darker color. If you saturate the color by 10%, you get **26.4411, 42.1614, 41.8646**, and if you desaturate by 10%, it is **27.0154, 42.4236, 43.4220**.

Distribution



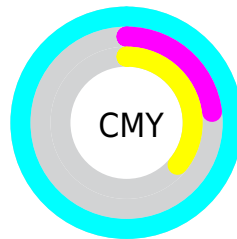
- Red (0%)
- Green (77%)
- Blue (64%)



- Red (0%)
- Yellow (42%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4408, 42.1602, 41.8661 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 26.4408, 42.1602, 41.8661 by changing the saturation by 10% instead.

■ 26.4408, 42.1602,
41.8661

■ 26.4408, 42.1602,
41.8661

277.1565,
355.1466, 369.7108

■ 17.2881, 29.2268,
28.6717

■ 53.4115, 78.4420,
79.2648

■ 10.5367, 19.2524,
18.5891

■ 71.9601, 102.5592,
104.3062

■ 5.8212, 11.8528,
11.2000

■ 94.3715, 131.1731,
134.1337

■ 2.7763, 6.6435,
6.0857

■ 121.0110,
164.6680, 169.1657

■ 1.0366, 3.2402,
2.8276

■ 152.2438,
203.4284, 209.8209

■ 0.0000, 1.2584,
1.0073

188.4355,

■ 0.0000, 0.1086,

247.8388, 256.5178

0.0000

229.9512,
298.2833, 309.6750

■ 0.0000, 0.0000,
0.0000

■ 26.4408, 42.1602,
41.8661

■ 26.4408, 42.1602,
41.8661

■ 26.4411, 42.1614,
41.8646

■ 27.0154, 42.4236,
43.4220

■ 27.8800, 42.8347,
45.0288

■ 29.1357, 43.4465,
46.6924

■ 30.8344, 44.2858,
48.4156

■ 33.0199, 45.3752,
50.2006

■ 35.7308, 46.7346,
52.0495

■ 39.0017, 48.3818,
53.9641

■ 42.8642, 50.3332,
55.9463

■ 47.3477, 52.6037,
57.9976

Harmonies

Analogous

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



28.6293, 42.1602, 24.5814



26.4408, 42.1602, 41.8661



27.4830, 42.1602, 67.2235

Triad

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



26.4408, 42.1602, 41.8661



46.9518, 42.1602, 99.7661



49.8065, 42.1602, 18.2219

Complementary

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



26.4408, 42.1602, 41.8661



23.0272, 11.8413, 2.4408

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.



56.0158, 42.1602, 29.6504



26.4408, 42.1602, 41.8661



54.2177, 42.1602, 76.9592

Square

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



26.4408, 42.1602, 41.8661



38.6356, 42.1602, 106.4318



57.7300, 42.1602, 50.1963



41.5435, 42.1602, 14.2100

Rectangle

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



26.4408, 42.1602, 41.8661



29.9538, 42.1602, 85.0927



57.7300, 42.1602, 50.1963



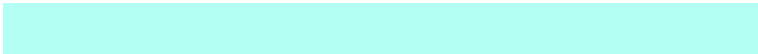
52.2452, 42.1602, 21.0874

Sweetspot

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



26.4420, 42.1618, 41.8671



70.3385, 87.4856, 97.5840



20.3582, 39.7996, 6.6100



14.4895, 18.4404, 20.5665



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.



26.4420, 42.1618, 41.8671



47.8159, 76.3424, 75.4056



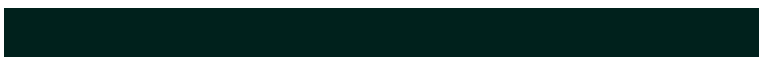
18.0378, 20.1324, 55.1616



10.2956, 11.3993, 12.5600



17.0160, 27.1004, 27.0409



0.7545, 1.1786, 1.2699

Inverse Universe

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



23.0272, 11.8413, 2.4408



41.6515, 21.4246, 4.0970



24.6767, 15.5578, 1.7033



10.1388, 10.1041, 10.8215



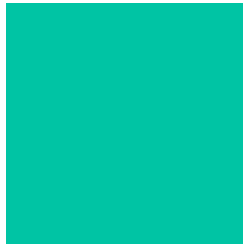
14.8166, 7.6164, 1.6802



0.6617, 0.3377, 0.1858

Previews

White Background



This preview shows how the XYZ color 26.4408, 42.1602, 41.8661 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 26.4408, 42.1602, 41.8661 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

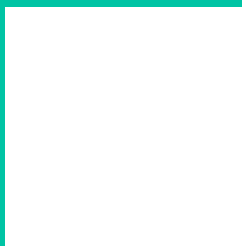
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4408, 42.1602, 41.8661

Background



This preview shows how black text looks on a background with the XYZ color 26.4408, 42.1602, 41.8661.

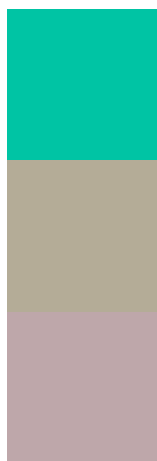


This preview shows how white text looks on a background with the XYZ color 26.4408, 42.1602,

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

26.4408, 42.1602, 41.8661

Protanopia

39.1608, 41.4427, 35.2134

Deuteranopia

42.3096, 41.4869, 43.8080



Tritanopia

31.1849, 42.1239, 64.8796

Trichromacy



Original Color

26.4408, 42.1602, 41.8661



Protanomaly

29.5949, 39.0929, 37.4384



Deuteranomaly

30.8734, 38.7329, 42.8948



Tritanomaly

28.9812, 41.8359, 55.8379

Monochromacy



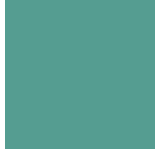
Original Color

26.4408, 42.1602, 41.8661



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

20.9141, 28.0896, 31.1076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4408, 42.1602, 41.8661 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, 196, 164)` looks like.

```
.text, #text, p{  
    color:rgb(0, 196, 164)  
}
```

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, 196, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 196, 164) }
```

Border

The CSS property to change the border of an element to XYZ 26.4408, 42.1602, 41.8661 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, 196, 164) }
```


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

```
.border{ border-color:rgb(0, 196, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 196, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 196, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 196, 164);  
box-shadow:4px 4px 4px 4px rgb(0, 196,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4408, 42.1602, 41.8661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 196, 164) }
```

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

```
.background{ background-color: rgb(0, 196,  
164) }
```

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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