

Converting Colors

XYZ(25.2701, 40.2065, 44.9446)

Have a look what the booklet for
XYZ(25.2701, 40.2065, 44.9446)
contains.

XYZ(26.2003, 40.6395, 44.9914)	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(26.2003, 40.6395,
44.9914)**

Conversions

Conversions Part 1

Format	Color
Hex	00C0AB
RGB	0, 192, 171
RGB Percent	0%, 75%, 67%
CMY	0.9999, 0.2470, 0.3294
CMYK	1.00, 0.00, 0.11, 0.25
HSL	173°, 100%, 38%
HSV	173°, 100%, 75%
XYZ	26.2003, 40.6395, 44.9914
YIQ	132.1980, -107.6910, -47.2350

Conversions

Conversions Part 2

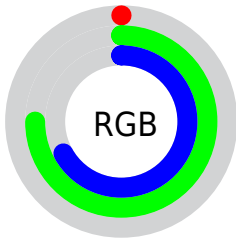
Format	Color
RYB	0, 102, 192
Decimal	49323
CIELab	69.92, -44.95, -0.82
CIELCh	70, 44.957, 181.049
Yxy	40.6395, 0.2343, 0.3634
Android (android.graphics.Color)	4278239403 (0xFF00C0AB)
YUV	132.1980, 19.1294, -115.9376
Hunter-Lab	63.7491, -38.1991, 2.7800

Details

The XYZ color **26.2003, 40.6395, 44.9914** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **21.8749, 11.2618, 1.7318**, and the grayscale version is **21.9683, 23.1124, 25.1694**.

A 20% lighter version of the original color is **52.9700, 76.0091, 83.8309**, and **12.2754, 19.2232, 20.5162** is the 20% darker color. If you saturate the color by 10%, you get **26.2008, 40.6407, 44.9906**, and if you desaturate by 10%, it is **26.6761, 40.8624, 46.0682**.

Distribution



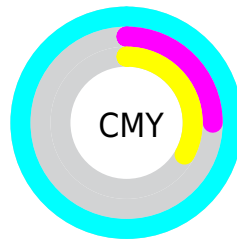
- Red (0%)
- Green (75%)
- Blue (67%)



- Red (0%)
- Yellow (40%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2003, 40.6395, 44.9914 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 26.2003, 40.6395, 44.9914 by changing the saturation by 10% instead.

■ 26.2003, 40.6395,
44.9914

■ 26.2003, 40.6395,
44.9914

276.0027,
348.8117, 382.8978

■ 17.1070, 28.0375,
31.1078

■ 53.0269, 76.1363,
84.0258

■ 10.4066, 18.3539,
20.4218

■ 71.4909, 99.8000,
110.0137

■ 5.7337, 11.2044,
12.5149

■ 93.8092, 127.9196,
140.8733

■ 2.7229, 6.2045,
6.9686

■ 120.3472,
160.8796, 177.0234

■ 1.0090, 2.9698,
3.3643

■ 151.4702,
199.0645, 218.8823

■ 0.0000, 1.1160,
1.2835

187.5435,

■ 0.0000, 0.0000,

242.8585, 266.8686

0.0482

228.9325,
292.6461, 321.4010

■ 0.0000, 0.0000,
0.0000

■ 26.2003, 40.6395,
44.9914

■ 26.2003, 40.6395,
44.9914

■ 26.2008, 40.6407,
44.9906

■ 26.6761, 40.8624,
46.0682

■ 27.4234, 41.2239,
47.1734

■ 28.5399, 41.7755,
48.3127

■ 30.0748, 42.5423,
49.4884

■ 32.0698, 43.5460,
50.7026

■ 34.5614, 44.8053,
51.9569

■ 37.5825, 46.3371,
53.2532

■ 41.1631, 48.1571,
54.5927

■ 45.3310, 50.2794,
55.9769

Harmonies

Analogous

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



27.5790, 40.6395, 27.4733



26.2003, 40.6395, 44.9914



27.7853, 40.6395, 68.4499

Triad

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



26.2003, 40.6395, 44.9914



46.3456, 40.6395, 88.5141



45.8436, 40.6395, 17.5305

Complementary

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



26.2003, 40.6395, 44.9914



21.8749, 11.2618, 1.7318

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.



51.9745, 40.6395, 26.5538



26.2003, 40.6395, 44.9914



52.2891, 40.6395, 66.7549

Square

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



26.2003, 40.6395, 44.9914



38.8848, 40.6395, 97.9860



54.4669, 40.6395, 43.5158



38.3696, 40.6395, 14.9560

Rectangle

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



26.2003, 40.6395, 44.9914



30.4413, 40.6395, 83.5549



54.4669, 40.6395, 43.5158



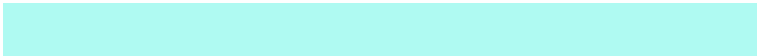
48.1616, 40.6395, 19.7322

Sweetspot

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



26.2015, 40.6410, 44.9924



67.7998, 83.8076, 96.3702



19.1908, 37.8761, 6.3002



14.0248, 17.7154, 20.4588



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.



26.2015, 40.6410, 44.9924



47.4148, 73.6132, 81.2122



16.0424, 16.8606, 52.2797



10.3195, 11.4089, 12.6860



17.6474, 27.3530, 30.3660



0.7763, 1.1874, 1.3849

Inverse Universe

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



21.8749, 11.2618, 1.7318



39.5903, 20.3862, 2.9059



24.1626, 16.0539, 1.8261



10.1170, 10.0954, 10.7067



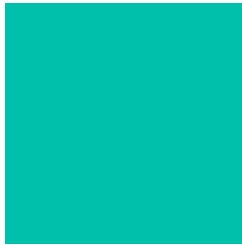
14.7332, 7.5830, 1.2413



0.6519, 0.3338, 0.1342

Previews

White Background



This preview shows how the XYZ color 26.2003, 40.6395, 44.9914 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 26.2003, 40.6395, 44.9914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

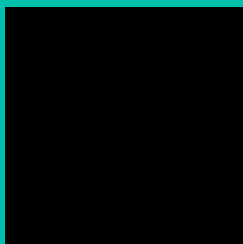
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

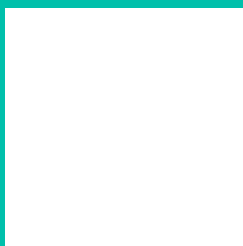
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2003, 40.6395, 44.9914

Background



This preview shows how black text looks on a background with the XYZ color 26.2003, 40.6395, 44.9914.

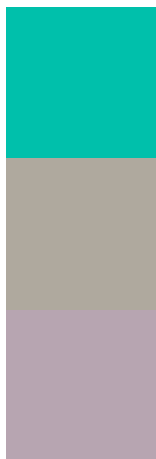


This preview shows how white text looks on a background with the XYZ color 26.2003, 40.6395,

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

26.2003, 40.6395, 44.9914

Protanopia

38.0387, 39.9585, 38.0557

Deuteranopia

40.9194, 40.1519, 47.1884



Tritanopia

29.8652, 40.5306, 62.7490

Trichromacy



Original Color

26.2003, 40.6395, 44.9914



Protanomaly

28.8885, 37.4681, 40.3598



Deuteranomaly

30.2703, 37.4681, 46.1941



Tritanomaly

28.1972, 40.4639, 55.6144

Monochromacy



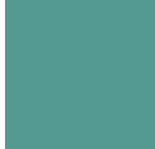
Original Color

26.2003, 40.6395, 44.9914



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

20.4001, 27.0713, 31.3442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2003, 40.6395, 44.9914 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, 192, 171)` looks like.

```
.text, #text, p{  
    color:rgb(0, 192, 171)  
}
```

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, 192, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 192, 171) }
```

Border

The CSS property to change the border of an element to XYZ 26.2003, 40.6395, 44.9914 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, 192, 171) }
```


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

```
.border{ border-color:rgb(0, 192, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 192, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 192, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 192, 171);  
box-shadow:4px 4px 4px 4px rgb(0, 192,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2003, 40.6395, 44.9914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 192, 171) }
```

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

```
.background{ background-color: rgb(0, 192,  
171) }
```

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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