

Converting Colors

XYZ(25.6914, 40.6142, 46.0350)

Have a look what the booklet for
XYZ(25.6914, 40.6142, 46.0350)
contains.

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Color

**XYZ(26.6128, 41.1571,
46.0766)**

Conversions

Conversions Part 1

Format	Color
Hex	00C1AD
RGB	0, 193, 173
RGB Percent	0%, 76%, 68%
CMY	0.9999, 0.2431, 0.3216
CMYK	1.00, 0.00, 0.10, 0.24
HSL	174°, 100%, 38%
HSV	174°, 100%, 76%
XYZ	26.6128, 41.1571, 46.0766
YIQ	133.0130, -108.6080, -47.1360

Conversions

Conversions Part 2

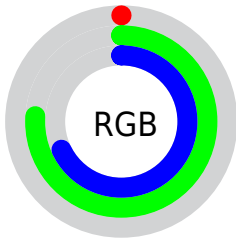
Format	Color
RYB	0, 102, 193
Decimal	49581
CIELab	70.29, -44.82, -1.39
CIELCh	70, 44.838, 181.770
Yxy	41.1571, 0.2338, 0.3615
Android (android.graphics.Color)	4278239661 (0xFF00C1AD)
YUV	133.0130, 19.7136, -116.6524
Hunter-Lab	64.1538, -38.2223, 2.3243

Details

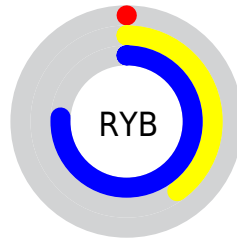
The XYZ color **26.6128, 41.1571, 46.0766** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **22.1200, 11.3892, 1.6958**, and the grayscale version is **22.2618, 23.4211, 25.5056**.

A 20% lighter version of the original color is **53.5560, 76.7394, 85.3883**, and **12.5397, 19.5574, 21.2032** is the 20% darker color. If you saturate the color by 10%, you get **26.6133, 41.1583, 46.0759**, and if you desaturate by 10%, it is **27.0838, 41.3783, 47.1178**.

Distribution



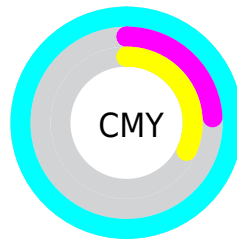
- Red (0%)
- Green (76%)
- Blue (68%)



- Red (0%)
- Yellow (40%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6128, 41.1571, 46.0766 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 26.6128, 41.1571, 46.0766 by changing the saturation by 10% instead.

■ 26.6128, 41.1571,
46.0766

■ 26.6128, 41.1571,
46.0766

277.9793,
350.9768, 387.4030

■ 17.4177, 28.4419,
31.9572

■ 53.6862, 76.9223,
85.6691

■ 10.6299, 18.6590,
21.0642

■ 72.2952, 100.7411,
111.9793

■ 5.8840, 11.4241,
12.9793

■ 94.7729, 129.0298,
143.1901

■ 2.8147, 6.3529,
7.2837

■ 121.4847,
162.1729, 179.7201

■ 1.0565, 3.0608,
3.5590

■ 152.7959,
200.5548, 221.9879

■ 0.0000, 1.1636,
1.3867

189.0718,

■ 0.0000, 0.0316,

244.5598, 270.4119

0.1313

230.6778,
294.5723, 325.4108

■ 0.0000, 0.0000,
0.0000

■ 26.6128, 41.1571,
46.0766

■ 26.6128, 41.1571,
46.0766

■ 26.6133, 41.1583,
46.0759

■ 27.0838, 41.3783,
47.1178

■ 27.8295, 41.7399,
48.1860

■ 28.9486, 42.2936,
49.2871

■ 30.4908, 43.0651,
50.4232

■ 32.4984, 44.0761,
51.5965

■ 35.0084, 45.3458,
52.8088

■ 38.0540, 46.8913,
54.0617

■ 41.6657, 48.7283,
55.3566

■ 45.8716, 50.8713,
56.6950

Harmonies

Analogous

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



27.9304, 41.1571, 28.2497



26.6128, 41.1571, 46.0766



28.2810, 41.1571, 69.7117

Triad

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



26.6128, 41.1571, 46.0766



47.0507, 41.1571, 88.8418



46.1996, 41.1571, 17.7541

Complementary

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



26.6128, 41.1571, 46.0766



22.1200, 11.3892, 1.6958

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.



52.4218, 41.1571, 26.6854



26.6128, 41.1571, 46.0766



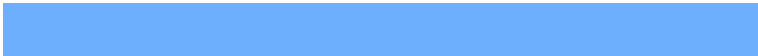
52.9549, 41.1571, 66.8410

Square

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



26.6128, 41.1571, 46.0766



39.5573, 41.1571, 98.7387



55.0325, 41.1571, 43.5729



38.6831, 41.1571, 15.2887

Rectangle

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



26.6128, 41.1571, 46.0766



31.0004, 41.1571, 84.7729



55.0325, 41.1571, 43.5729



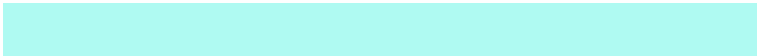
48.5430, 41.1571, 19.9248

Sweetspot

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



26.6140, 41.1587, 46.0776



67.8645, 83.8335, 96.7109



19.4138, 38.3182, 6.3738



14.0405, 17.7217, 20.5416



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.



26.6140, 41.1587, 46.0776



47.6088, 73.6908, 82.2339



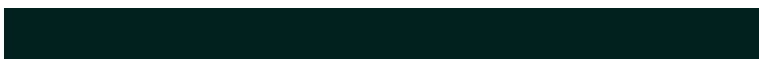
16.2268, 17.0515, 52.8899



10.3221, 11.4099, 12.6994



17.7177, 27.3811, 30.7362



0.7787, 1.1883, 1.3976

Inverse Universe

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



22.1200, 11.3892, 1.6958



39.5739, 20.3797, 2.8195



24.4423, 16.2360, 1.8465



10.1147, 10.0945, 10.6945



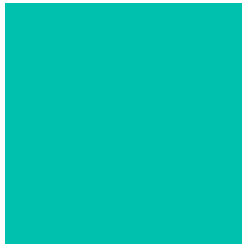
14.7260, 7.5801, 1.2031



0.6508, 0.3333, 0.1287

Previews

White Background



This preview shows how the XYZ color 26.6128, 41.1571, 46.0766 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 26.6128, 41.1571, 46.0766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

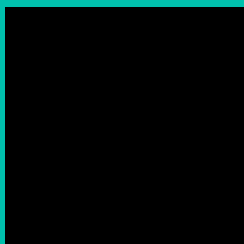
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

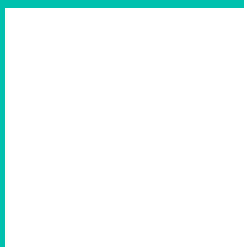
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6128, 41.1571, 46.0766

Background



This preview shows how black text looks on a background with the XYZ color 26.6128, 41.1571, 46.0766.

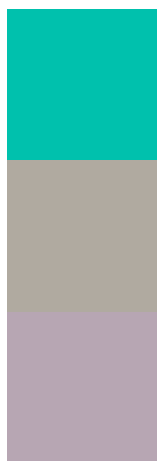


This preview shows how white text looks on a background with the XYZ color 26.6128, 41.1571,

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

26.6128, 41.1571, 46.0766

Protanopia

38.6244, 40.5176, 39.0427

Deuteranopia

41.3013, 40.5944, 48.3065



Tritanopia

30.3633, 41.4078, 63.5189

Trichromacy



Original Color

26.6128, 41.1571, 46.0766



Protanomaly

29.3940, 38.0021, 41.3832



Deuteranomaly

30.6636, 37.9380, 47.3016



Tritanomaly

28.6042, 40.9685, 56.8522

Monochromacy



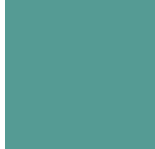
Original Color

26.6128, 41.1571, 46.0766



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

20.8130, 27.5121, 32.2304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6128, 41.1571, 46.0766 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, 193, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 193, 173)  
}
```

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, 193, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 193, 173) }
```

Border

The CSS property to change the border of an element to XYZ 26.6128, 41.1571, 46.0766 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, 193, 173) }
```


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

```
.border{ border-color:rgb(0, 193, 173) }
```

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

Here you see how a box with a 4 pixel rgb(0, 193, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 193, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 193, 173);  
box-shadow:4px 4px 4px 4px rgb(0, 193,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6128, 41.1571, 46.0766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 193, 173) }
```

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

```
.background{ background-color: rgb(0, 193,  
173) }
```

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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