

Converting Colors

XYZ(26.6161, 41.4421, 45.2194)

Have a look what the booklet for
XYZ(26.6161, 41.4421, 45.2194)
contains.

XYZ(26.6425, 41.5238, 45.1388)	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(26.6425, 41.5238,
45.1388)**

Conversions

Conversions Part 1

Format	Color
Hex	00C2AB
RGB	0, 194, 171
RGB Percent	0%, 76%, 67%
CMY	0.9999, 0.2392, 0.3294
CMYK	1.00, 0.00, 0.12, 0.24
HSL	173°, 100%, 38%
HSV	173°, 100%, 76%
XYZ	26.6425, 41.5238, 45.1388
YIQ	133.3720, -108.2410, -48.2810

Conversions

Conversions Part 2

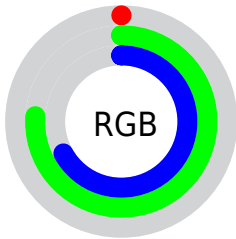
Format	Color
RYB	0, 103, 194
Decimal	49835
CIELab	70.54, -45.80, 0.08
CIELCh	71, 45.796, 179.899
Yxy	41.5238, 0.2351, 0.3665
Android (android.graphics.Color)	4278239915 (0xFF00C2AB)
YUV	133.3720, 18.5506, -116.9672
Hunter-Lab	64.4390, -38.9668, 3.5753

Details

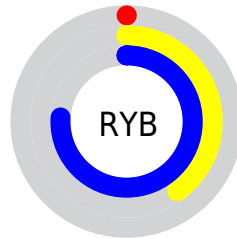
The XYZ color **26.6425, 41.5238, 45.1388** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **22.4043, 11.5325, 1.8577**, and the grayscale version is **22.3970, 23.5634, 25.6606**.

A 20% lighter version of the original color is **53.5915, 77.2520, 84.0381**, and **12.5624, 19.7971, 20.6119** is the 20% darker color. If you saturate the color by 10%, you get **26.6428, 41.5250, 45.1376**, and if you desaturate by 10%, it is **27.1417, 41.7565, 46.3179**.

Distribution



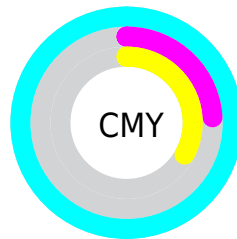
- Red (0%)
- Green (76%)
- Blue (67%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)





- Cyan (100%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6425, 41.5238, 45.1388 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 26.6425, 41.5238, 45.1388 by changing the saturation by 10% instead.


 26.6425, 41.5238,
45.1388


 26.6425, 41.5238,
45.1388


278.1212,
352.5051, 383.5119


 17.4401, 28.7286,
31.2230


 53.7336, 77.4784,
84.2493


 10.6460, 18.8756,
20.5088


 72.3530, 101.4066,
110.2811


 5.8949, 11.5804,
12.5777


 94.8422, 129.8146,
141.1887

 2.8213, 6.4587,
7.0111

 121.5664,
163.0867, 177.3906

 1.0600, 3.1259,
3.3905

 152.8911,
201.6075, 219.3053

 0.0000, 1.1978,
1.2973

189.1815,

 0.0000, 0.0599,

245.7612, 267.3514

0.0596

230.8031,
295.9323, 321.9474

■ 0.0000, 0.0000,
0.0000

■ 26.6425, 41.5238,
45.1388

■ 26.6425, 41.5238,
45.1388

■ 26.6428, 41.5250,
45.1376

■ 27.1417, 41.7565,
46.3179

■ 27.9201, 42.1318,
47.5292

■ 29.0773, 42.7019,
48.7783

■ 30.6636, 43.4928,
50.0677

■ 32.7219, 44.5266,
51.3996

■ 35.2896, 45.8224,
52.7757

■ 38.4004, 47.3979,
54.1977

■ 42.0852, 49.2688,
55.6672

■ 46.3725, 51.4498,
57.1856

Harmonies

Analogous

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



28.1797, 41.5238, 27.3824



26.6425, 41.5238, 45.1388



28.1592, 41.5238, 69.3007

Triad

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



26.6425, 41.5238, 45.1388



47.1654, 41.5238, 91.7568



47.2156, 41.5238, 17.9131

Complementary

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



26.6425, 41.5238, 45.1388



22.4043, 11.5325, 1.8577

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.



53.4575, 41.5238, 27.4737



26.6425, 41.5238, 45.1388



53.4260, 41.5238, 69.4703

Square

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



26.6425, 41.5238, 45.1388



39.4414, 41.5238, 100.9278



55.8610, 41.5238, 45.2860



39.4928, 41.5238, 15.0520

Rectangle

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



26.6425, 41.5238, 45.1388



30.8247, 41.5238, 85.1169



55.8610, 41.5238, 45.2860



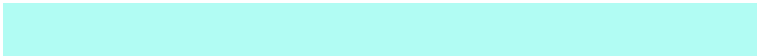
49.5905, 41.5238, 20.2597

Sweetspot

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



26.6437, 41.5254, 45.1398



69.2671, 85.7169, 98.0602



19.7160, 38.8032, 6.4517



14.6155, 18.4907, 21.2296



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.



26.6437, 41.5254, 45.1398



48.2057, 75.2053, 81.4441



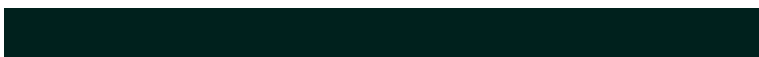
16.8067, 18.0320, 53.6353



10.3154, 11.4072, 12.6644



17.5363, 27.3086, 29.7807



0.7725, 1.1859, 1.3648

Inverse Universe

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



22.4043, 11.5325, 1.8577



40.5416, 20.8730, 3.1161



24.5123, 15.9963, 1.7967



10.1207, 10.0969, 10.7262



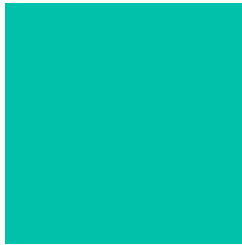
14.7455, 7.5879, 1.3058



0.6535, 0.3344, 0.1430

Previews

White Background



This preview shows how the XYZ color 26.6425, 41.5238, 45.1388 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 26.6425, 41.5238, 45.1388 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

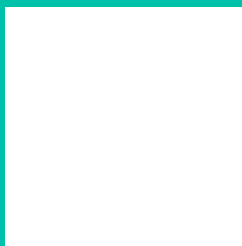
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6425, 41.5238, 45.1388

Background



This preview shows how black text looks on a background with the XYZ color 26.6425, 41.5238, 45.1388.

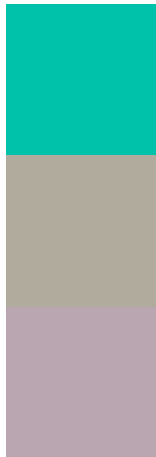


This preview shows how white text looks on a background with the XYZ color 26.6425, 41.5238,

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

26.6425, 41.5238, 45.1388

Protanopia

38.8659, 40.9416, 38.2018

Deuteranopia

41.5796, 40.7610, 47.2712



Tritanopia

30.5823, 41.5068, 64.1574

Trichromacy



Original Color

26.6425, 41.5238, 45.1388



Protanomaly

29.5410, 38.3953, 40.5044



Deuteranomaly

30.7344, 37.9974, 46.2718



Tritanomaly

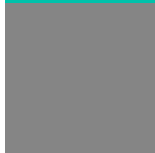
28.8521, 41.4189, 56.9261

Monochromacy



Original Color

26.6425, 41.5238, 45.1388



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

20.7341, 27.4806, 31.8152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6425, 41.5238, 45.1388 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, 194, 171)` looks like.

```
.text, #text, p{  
  color:rgb(0, 194, 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, 194, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 171) }
```

Border

The CSS property to change the border of an element to XYZ 26.6425, 41.5238, 45.1388 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, 194, 171) }
```


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

```
.border{ border-color:rgb(0, 194, 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, 194, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 171);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6425, 41.5238, 45.1388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 171) }
```

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

```
.background{ background-color: rgb(0, 194,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor