

Converting Colors

XYZ(26.8407, 45.2849, 34.8324)

Have a look what the booklet for
XYZ(26.8407, 45.2849, 34.8324)
contains.

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Color

**XYZ(26.8593, 45.2923,
34.9304)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC93
RGB	0, 204, 147
RGB Percent	0%, 80%, 58%
CMY	0.9999, 0.2000, 0.4235
CMYK	1.00, 0.00, 0.28, 0.20
HSL	163°, 100%, 40%
HSV	163°, 100%, 80%
XYZ	26.8593, 45.2923, 34.9304
YIQ	136.5060, -103.2870, -60.9750

Conversions

Conversions Part 2

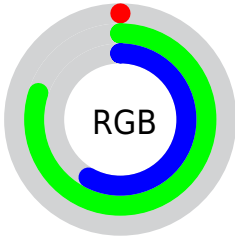
Format	Color
RYB	0, 119, 204
Decimal	52371
CIELab	73.08, -55.87, 16.68
CIELCh	73, 58.307, 163.377
Yxy	45.2923, 0.2508, 0.4230
Android (android.graphics.Color)	4278242451 (0xFF00CC93)
YUV	136.5060, 5.1735, -119.7158
Hunter-Lab	67.2996, -46.5347, 16.3365

Details

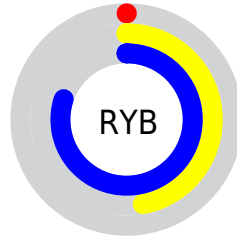
The XYZ color **26.8593, 45.2923, 34.9304** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **25.6420, 13.1339, 5.0574**, and the grayscale version is **23.6035, 24.8327, 27.0428**.

A 20% lighter version of the original color is **51.7821, 78.5618, 67.6931**, and **12.7012, 22.0243, 14.6480** is the 20% darker color. If you saturate the color by 10%, you get **26.8598, 45.2938, 34.9291**, and if you desaturate by 10%, it is **27.6160, 45.6306, 37.3604**.

Distribution



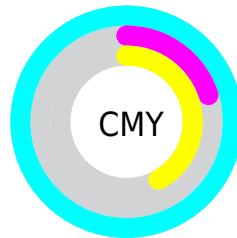
- Red (0%)
- Green (80%)
- Blue (58%)



- Red (0%)
- Yellow (47%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8593, 45.2923, 34.9304 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 26.8593, 45.2923, 34.9304 by changing the saturation by 10% instead.


 26.8593, 45.2923,
34.9304


 26.8593, 45.2923,
34.9304


279.1552,
367.9561, 339.1559


 17.6036, 31.6877,
23.3261


 54.0795, 83.1589,
68.5283


 10.7637, 21.1231,
14.6270


 72.7747, 108.1896,
91.3590


 5.9743, 13.2140,
8.4143


 95.3472, 137.7979,
118.7689

 2.8700, 7.5761,
4.2696

 122.1622,
172.3682, 151.1766

 1.0854, 3.8249,
1.7744

 153.5852,
212.2847, 189.0006

 0.0128, 1.5761,
0.4110

189.9814,

 0.0000, 0.3414,

257.9319, 232.6595

0.0000

231.7163,
309.6943, 282.5717

■ 0.0000, 0.0000,
0.0000

■ 26.8593, 45.2923,
34.9304

■ 26.8593, 45.2923,
34.9304

■ 26.8598, 45.2938,
34.9291

■ 27.6160, 45.6306,
37.3604

■ 28.7073, 46.1376,
39.9225

■ 30.2420, 46.8705,
42.6242

■ 32.2778, 47.8591,
45.4700

■ 34.8633, 49.1284,
48.4635

■ 38.0413, 50.7005,
51.6082

■ 41.8504, 52.5950,
54.9076

■ 46.3256, 54.8302,
58.3646

■ 51.4994, 57.4227,
61.9821

Harmonies

Analogous

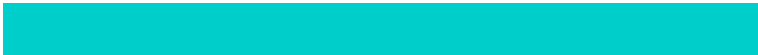
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.9361, 45.2923, 18.7210



26.8593, 45.2923, 34.9304



26.6499, 45.2923, 63.4843

Triad

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



26.8593, 45.2923, 34.9304



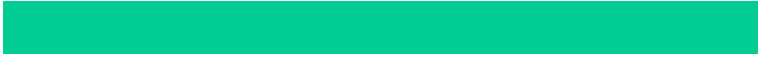
47.7474, 45.2923, 126.6198



58.9342, 45.2923, 19.9253

Complementary

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



26.8593, 45.2923, 34.9304



25.6420, 13.1339, 5.0574

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.



65.0850, 45.2923, 37.4294



26.8593, 45.2923, 34.9304



57.9711, 45.2923, 102.4385

Square

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



26.8593, 45.2923, 34.9304



37.6790, 45.2923, 125.0822



64.7070, 45.2923, 67.1905



48.9063, 45.2923, 12.7015

Rectangle

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



26.8593, 45.2923, 34.9304



28.6614, 45.2923, 87.1163



64.7070, 45.2923, 67.1905



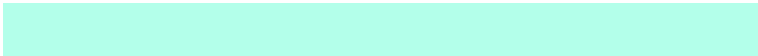
61.5897, 45.2923, 24.4211

Sweetspot

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



26.8605, 45.2941, 34.9315



69.0322, 86.9631, 90.7051



23.3280, 44.0814, 7.2796



14.1749, 18.3145, 18.9093



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.



26.8605, 45.2941, 34.9315



44.3847, 74.9699, 57.3371



23.4371, 29.4347, 61.5750



11.4043, 12.6715, 13.6867



16.9466, 28.5240, 22.2017



0.9055, 1.4840, 1.3100

Inverse Universe

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



25.6420, 13.1339, 5.0574



42.3856, 21.7183, 7.9628



25.8116, 14.6554, 1.4690



11.3390, 11.2643, 12.3199



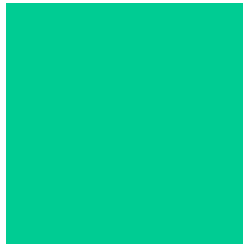
16.1730, 8.2798, 3.3635



0.8672, 0.4403, 0.3465

Previews

White Background



This preview shows how the XYZ color 26.8593, 45.2923, 34.9304 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 26.8593, 45.2923, 34.9304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

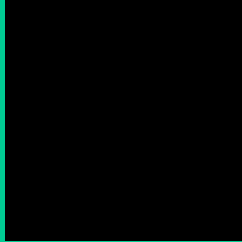
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

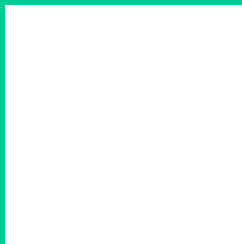
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8593, 45.2923, 34.9304

Background



This preview shows how black text looks on a background with the XYZ color 26.8593, 45.2923, 34.9304.

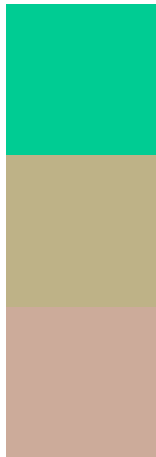


This preview shows how white text looks on a background with the XYZ color 26.8593, 45.2923,

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

26.8593, 45.2923, 34.9304

Protanopia

41.5288, 44.5372, 29.3294

Deuteranopia

45.2975, 44.2963, 36.7345



Tritanopia

33.9383, 45.4266, 69.2668

Trichromacy



Original Color

26.8593, 45.2923, 34.9304



Protanomaly

30.3157, 41.4697, 30.8327



Deuteranomaly

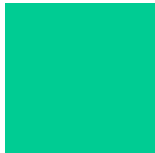
31.7253, 40.8472, 35.4903



Tritanomaly

30.4968, 44.9913, 54.6538

Monochromacy



Original Color

26.8593, 45.2923, 34.9304



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

21.4831, 29.4391, 29.7493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8593, 45.2923, 34.9304 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, 204, 147)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 147)  
}
```

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, 204, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 147) }
```

Border

The CSS property to change the border of an element to XYZ 26.8593, 45.2923, 34.9304 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, 204, 147) }
```


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

```
.border{ border-color:rgb(0, 204, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 204, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 147);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8593, 45.2923, 34.9304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 147) }
```

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

```
.background{ background-color: rgb(0, 204,  
147) }
```

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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