

Converting Colors

XYZ(26.4874, 45.2308, 32.1349)

Have a look what the booklet for
XYZ(26.4874, 45.2308, 32.1349)
contains.

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Color

**XYZ(26.4391, 45.1373,
32.1298)**

Conversions

Conversions Part 1

Format	Color
Hex	09CC8C
RGB	9, 204, 140
RGB Percent	4%, 80%, 55%
CMY	0.9647, 0.2000, 0.4510
CMYK	0.96, 0.00, 0.31, 0.20
HSL	160°, 92%, 42%
HSV	160°, 96%, 80%
XYZ	26.4391, 45.1373, 32.1298
YIQ	138.3990, -95.6760, -61.2440

Conversions

Conversions Part 2

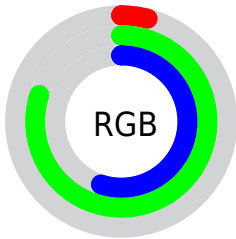
Format	Color
RYB	9, 126, 204
Decimal	642188
CIELab	72.98, -57.15, 20.27
CIELCh	73, 60.639, 160.475
Yxy	45.1373, 0.2549, 0.4352
Android (android.graphics.Color)	4278832268 (0xFF09CC8C)
YUV	138.3990, 0.7893, -113.4829
Hunter-Lab	67.1843, -47.3273, 18.6745

Details

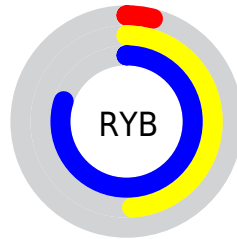
The XYZ color **26.4391, 45.1373, 32.1298** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **26.2037, 13.5148, 7.5334**, and the grayscale version is **24.3353, 25.6027, 27.8813**.

A 20% lighter version of the original color is **51.0911, 78.2986, 63.4593**, and **12.4354, 21.9180, 13.2480** is the 20% darker color. If you saturate the color by 10%, you get **26.1122, 44.9948, 30.9919**, and if you desaturate by 10%, it is **27.3549, 45.5518, 34.8303**.

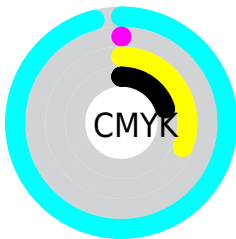
Distribution



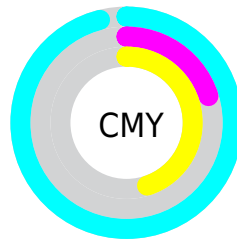
- Red (4%)
- Green (80%)
- Blue (55%)



- Red (4%)
- Yellow (49%)
- Blue (80%)



- Cyan (96%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)





- Cyan (96%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4391, 45.1373, 32.1298 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 26.4391, 45.1373, 32.1298 by changing the saturation by 10% instead.


 26.4391, 45.1373,
32.1298


 26.4391, 45.1373,
32.1298


277.1483,
367.3293, 326.2210


 17.2868, 31.5656,
21.1950


 53.4087, 82.9264,
64.1148


 10.5358, 21.0299,
13.0740


 71.9568, 107.9126,
86.0021


 5.8206, 13.1459,
7.3482


 94.3676, 137.4724,
112.3773

 2.7759, 7.5291,
3.5991

 121.0063,
171.9902, 143.6590

 1.0364, 3.7951,
1.4081

 152.2384,
211.8504, 180.2656

 0.0000, 1.5596,
0.1480

188.4292,

 0.0000, 0.3301,

257.4374, 222.6158

0.0000

229.9440,
309.1356, 271.1281

■ 0.0000, 0.0000,
0.0000

■ 26.4391, 45.1373,
32.1298

■ 26.4391, 45.1373,
32.1298

■ 26.1122, 44.9948,
30.9919

■ 27.3549, 45.5518,
34.8303

■ 28.6823, 46.1737,
37.7086

■ 30.4880, 47.0387,
40.7715

■ 32.8255, 48.1741,
44.0240

■ 35.7407, 49.6037,
47.4708

■ 39.2746, 51.3485,
51.1164

■ 43.4643, 53.4275,
54.9647

■ 48.3438, 55.8583,
59.0198

■ 53.9448, 58.6571,
63.2854

Harmonies

Analogous

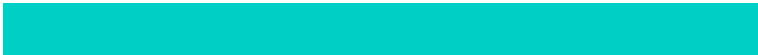
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.0022, 45.1373, 16.8095



26.4391, 45.1373, 32.1298



25.8419, 45.1373, 60.5220

Triad

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



26.4391, 45.1373, 32.1298



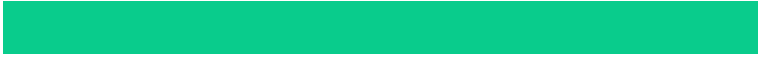
46.7087, 45.1373, 131.6101



60.3166, 45.1373, 20.1938

Complementary

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



26.4391, 45.1373, 32.1298



26.2037, 13.5148, 7.5334

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.



66.1829, 45.1373, 39.2945



26.4391, 45.1373, 32.1298



57.5122, 45.1373, 108.1409

Square

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



26.4391, 45.1373, 32.1298



36.4540, 45.1373, 127.0742



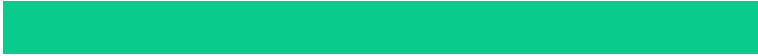
65.0798, 45.1373, 71.3095



50.0680, 45.1373, 12.1418

Rectangle

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



26.4391, 45.1373, 32.1298



27.6455, 45.1373, 85.0236



65.0798, 45.1373, 71.3095



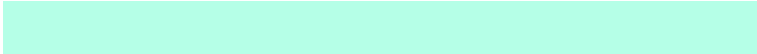
62.9370, 45.1373, 25.1197

Sweetspot

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



26.4403, 45.1391, 32.1309



69.2131, 87.1039, 88.5644



24.4679, 44.6634, 7.5901



14.1827, 18.3305, 18.3700



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.



26.4403, 45.1391, 32.1309



43.1395, 74.4718, 50.7797



25.6708, 33.7350, 62.2875



11.3806, 12.6620, 13.5615



16.4791, 28.3370, 19.7400



0.8842, 1.4755, 1.1977

Inverse Universe

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



26.2037, 13.5148, 7.5334



42.8284, 21.8954, 10.2947



25.7629, 14.4791, 1.6957



11.3616, 11.2734, 12.4389



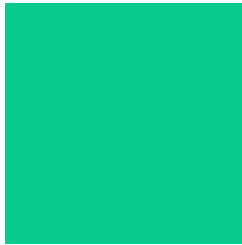
16.3489, 8.3502, 4.2900



0.8784, 0.4448, 0.4054

Previews

White Background



This preview shows how the XYZ color 26.4391, 45.1373, 32.1298 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 26.4391, 45.1373, 32.1298 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

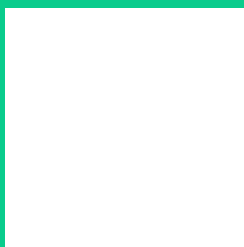
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4391, 45.1373, 32.1298

Background



This preview shows how black text looks on a background with the XYZ color 26.4391, 45.1373, 32.1298.

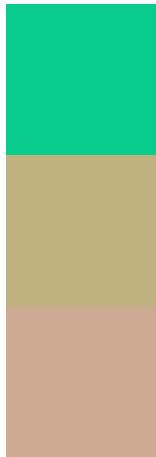


This preview shows how white text looks on a background with the XYZ color 26.4391, 45.1373,

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

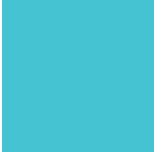
26.4391, 45.1373, 32.1298

Protanopia

41.1043, 44.0792, 26.7638

Deuteranopia

45.0062, 44.2115, 33.7654



Tritanopia

33.7988, 45.0355, 68.5393

Trichromacy



Original Color

26.4391, 45.1373, 32.1298



Protanomaly

30.3926, 41.5666, 28.2511



Deuteranomaly

31.7990, 40.9489, 32.6135



Tritanomaly

30.1700, 44.5193, 52.9019

Monochromacy



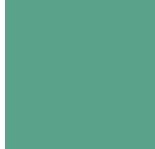
Original Color

26.4391, 45.1373, 32.1298



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

21.8949, 29.9289, 29.0490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4391, 45.1373, 32.1298 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(9, 204, 140)` looks like.

```
.text, #text, p{  
    color:rgb(9, 204, 140)  
}
```

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(9, 204, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 204, 140) }
```

Border

The CSS property to change the border of an element to XYZ 26.4391, 45.1373, 32.1298 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(9, 204, 140) }
```


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

```
.border{ border-color:rgb(9, 204, 140) }
```

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

Here you see how a box with a 4 pixel rgb(9, 204, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 204, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 204, 140);  
box-shadow:4px 4px 4px 4px rgb(9, 204,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4391, 45.1373, 32.1298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 204, 140) }
```

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

```
.background{ background-color: rgb(9, 204,  
140) }
```

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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