

Converting Colors

XYZ(21.2663, 42.3742, 31.7529)

Have a look what the booklet for
XYZ(21.2663, 42.3742, 31.7529)
contains.

XYZ(26.3265, 45.0792, 32.1245)	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(26.3265, 45.0792,
32.1245)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC8C
RGB	0, 204, 140
RGB Percent	0%, 80%, 55%
CMY	0.9999, 0.2000, 0.4510
CMYK	1.00, 0.00, 0.31, 0.20
HSL	161°, 100%, 40%
HSV	161°, 100%, 80%
XYZ	26.3265, 45.0792, 32.1245
YIQ	135.7080, -101.0400, -63.1520

Conversions

Conversions Part 2

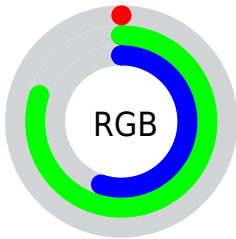
Format	Color
RYB	0, 121, 204
Decimal	52364
CIELab	72.94, -57.45, 20.21
CIELCh	73, 60.902, 160.622
Yxy	45.0792, 0.2543, 0.4354
Android (android.graphics.Color)	4278242444 (0xFF00CC8C)
YUV	135.7080, 2.1160, -119.0159
Hunter-Lab	67.1410, -47.5057, 18.6307

Details

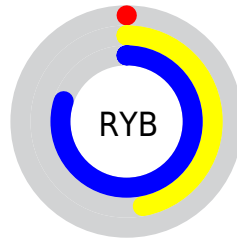
The XYZ color **26.3265, 45.0792, 32.1245** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **25.8290, 13.2087, 6.0420**, and the grayscale version is **23.3149, 24.5290, 26.7121**.

A 20% lighter version of the original color is **50.9771, 78.2398, 63.4540**, and **12.4354, 21.9180, 13.2480** is the 20% darker color. If you saturate the color by 10%, you get **26.3269, 45.0807, 32.1230**, and if you desaturate by 10%, it is **27.1105, 45.4284, 34.6983**.

Distribution



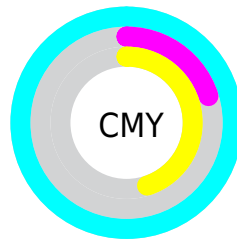
- Red (0%)
- Green (80%)
- Blue (55%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3265, 45.0792, 32.1245 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 26.3265, 45.0792, 32.1245 by changing the saturation by 10% instead.

■ 26.3265, 45.0792,
32.1245

■ 26.3265, 45.0792,
32.1245

276.6086,
367.0942, 326.1962

■ 17.2020, 31.5198,
21.1910

■ 53.2288, 82.8392,
64.1064

■ 10.4748, 20.9950,
13.0711

■ 71.7372, 107.8087,
85.9919

■ 5.7796, 13.1203,
7.3462

■ 94.1044, 137.3503,
112.3651

■ 2.7509, 7.5115,
3.5978

■ 120.6957,
171.8484, 143.6446

■ 1.0234, 3.7840,
1.4074

■ 151.8764,
211.6875, 180.2489

■ 0.0000, 1.5535,
0.1475

188.0119,

■ 0.0000, 0.3259,

257.2519, 222.5966

0.0000

229.4675,
308.9260, 271.1062

■ 0.0000, 0.0000,
0.0000

■ 26.3265, 45.0792,
32.1245

■ 26.3265, 45.0792,
32.1245

■ 26.3269, 45.0807,
32.1230

■ 27.1105, 45.4284,
34.6983

■ 28.2346, 45.9485,
37.4328

■ 29.8076, 46.6968,
40.3363

■ 31.8873, 47.7030,
43.4137

■ 34.5227, 48.9922,
46.6696

■ 37.7565, 50.5866,
50.1081

■ 41.6274, 52.5059,
53.7331

■ 46.1707, 54.7683,
57.5484

■ 51.4189, 57.3905,
61.5574

Harmonies

Analogous

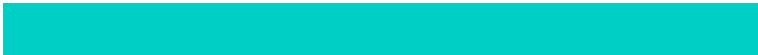
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.8799, 45.0792, 16.7321



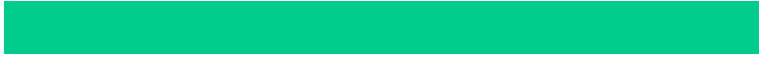
26.3265, 45.0792, 32.1245



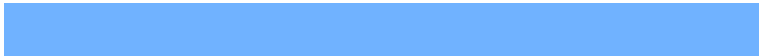
25.7476, 45.0792, 60.6707

Triad

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



26.3265, 45.0792, 32.1245



46.7214, 45.0792, 131.9145



60.2889, 45.0792, 20.0062

Complementary

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



26.3265, 45.0792, 32.1245



25.8290, 13.2087, 6.0420

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.



66.2122, 45.0792, 39.0745



26.3265, 45.0792, 32.1245



57.5628, 45.0792, 108.1948

Square

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



26.3265, 45.0792, 32.1245



36.4221, 45.0792, 127.4975



65.1395, 45.0792, 71.1564



49.9850, 45.0792, 12.0041

Rectangle

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



26.3265, 45.0792, 32.1245



27.5674, 45.0792, 85.3024



65.1395, 45.0792, 71.1564



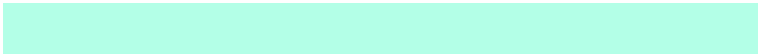
62.9296, 45.0792, 24.9158

Sweetspot

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



26.3277, 45.0810, 32.1255



68.6585, 86.8136, 88.7374



23.7484, 44.2981, 7.2993



14.0853, 18.2787, 18.4376



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.



26.3277, 45.0810, 32.1255



43.4970, 74.6148, 52.6625



24.6465, 31.8534, 61.9782



11.3876, 12.6648, 13.5986



16.6135, 28.3907, 20.4477



0.8904, 1.4780, 1.2303

Inverse Universe

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



25.8290, 13.2087, 6.0420



42.6883, 21.8393, 9.5566



25.5775, 14.1872, 1.3909



11.3549, 11.2707, 12.4035



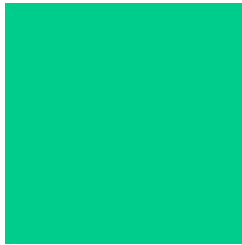
16.2935, 8.3280, 3.9982



0.8749, 0.4434, 0.3873

Previews

White Background



This preview shows how the XYZ color 26.3265, 45.0792, 32.1245 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 26.3265, 45.0792, 32.1245 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

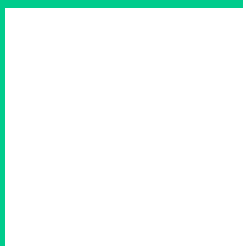
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3265, 45.0792, 32.1245

Background



This preview shows how black text looks on a background with the XYZ color 26.3265, 45.0792, 32.1245.

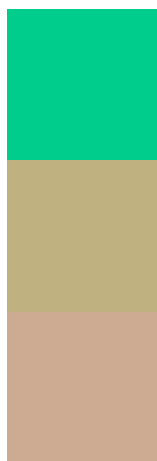


This preview shows how white text looks on a background with the XYZ color 26.3265, 45.0792,

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

26.3265, 45.0792, 32.1245

Protanopia

41.1043, 44.0792, 26.7638

Deuteranopia

45.0062, 44.2115, 33.7654



Tritanopia

33.7272, 44.9986, 68.5360

Trichromacy



Original Color

26.3265, 45.0792, 32.1245



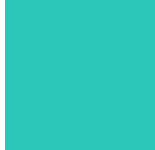
Protanomaly

29.9612, 41.3442, 28.2309



Deuteranomaly

31.1734, 40.6264, 32.5842



Tritanomaly

29.9897, 44.4264, 52.8935

Monochromacy



Original Color

26.3265, 45.0792, 32.1245



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

21.1907, 29.3221, 28.2098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3265, 45.0792, 32.1245 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 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(0, 204, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 140) }
```

Border

The CSS property to change the border of an element to XYZ 26.3265, 45.0792, 32.1245 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, 140) }
```


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

```
.border{ border-color:rgb(0, 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(0, 204, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3265, 45.0792, 32.1245 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, 140) }
```

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

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

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