

Converting Colors

XYZ(26.1215, 43.8915, 33.5502)

Have a look what the booklet for
XYZ(26.1215, 43.8915, 33.5502)
contains.

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Color

**XYZ(26.1018, 43.8803,
33.4796)**

Conversions

Conversions Part 1

Format	Color
Hex	0EC990
RGB	14, 201, 144
RGB Percent	5%, 79%, 56%
CMY	0.9450, 0.2118, 0.4353
CMYK	0.93, 0.00, 0.28, 0.21
HSL	162°, 87%, 42%
HSV	162°, 93%, 79%
XYZ	26.1018, 43.8803, 33.4796
YIQ	138.5890, -93.1550, -57.3710

Conversions

Conversions Part 2

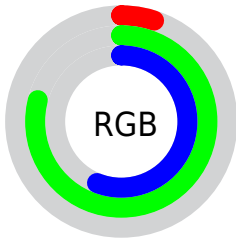
Format	Color
R_{YB}	14, 124, 201
Decimal	969104
CIE _{Lab}	72.15, -54.95, 16.99
CIE _{LCh}	72, 57.518, 162.820
Yxy	43.8803, 0.2523, 0.4241
Android (android.graphics.Color)	4279159184 (0xFF0EC990)
YUV	138.5890, 2.6676, -109.2646
Hunter-Lab	66.2422, -45.5885, 16.4037

Details

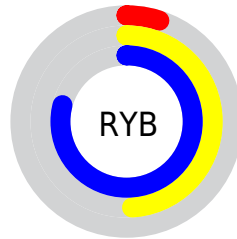
The XYZ color **26.1018, 43.8803, 33.4796** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **25.3835, 13.1877, 7.1719**, and the grayscale version is **24.4009, 25.6716, 27.9564**.

A 20% lighter version of the original color is **51.6620, 78.5403, 65.8630**, and **12.2547, 21.3481, 13.8306** is the 20% darker color. If you saturate the color by 10%, you get **25.6011, 43.6603, 31.7843**, and if you desaturate by 10%, it is **27.0664, 44.3231, 36.0375**.

Distribution



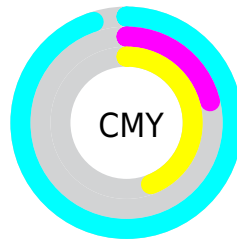
- Red (5%)
- Green (79%)
- Blue (56%)



- Red (5%)
- Yellow (49%)
- Blue (79%)



- Cyan (93%)
- Magenta (0%)
- Yellow (28%)
- Black (21%)





- Cyan (95%)
- Magenta (21%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1018, 43.8803, 33.4796 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 26.1018, 43.8803, 33.4796 by changing the saturation by 10% instead.


 26.1018, 43.8803,
33.4796


 26.1018, 43.8803,
33.4796


275.5290,
362.2196, 332.5034


 17.0329, 30.5764,
22.2200


 52.8693, 81.0376,
66.2482

 10.3534, 20.2765,
13.8188


 71.2985, 105.6598,
88.5943


 5.6980, 12.5962,
7.8574


 93.5786, 134.8236,
115.4729

 2.7012, 7.1511,
3.9174

 120.0749,
168.9133, 147.3026

 0.9978, 3.5568,
1.5801

 151.1527,
208.3133, 184.5020

 0.0000, 1.4289,
0.2766

187.1774,

 0.0000, 0.2378,

253.4082, 227.4895

0.0000

228.5144,
304.5821, 276.6838

■ 0.0000, 0.0000,
0.0000

■ 26.1018, 43.8803,
33.4796

■ 26.1018, 43.8803,
33.4796

■ 25.6011, 43.6603,
31.7843

■ 27.0664, 44.3231,
36.0375

■ 28.4430, 44.9742,
38.7484

■ 30.2918, 45.8657,
41.6182

■ 32.6622, 47.0230,
44.6510

■ 35.5969, 48.4681,
47.8509

■ 39.1344, 50.2208,
51.2215

■ 43.3094, 52.2990,
54.7662

■ 48.1541, 54.7191,
58.4884

■ 53.6984, 57.4967,
62.3912

Harmonies

Analogous

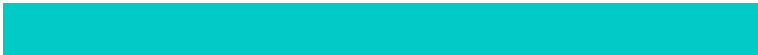
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.1118, 43.8803, 18.0122



26.1018, 43.8803, 33.4796



25.8299, 43.8803, 60.8540

Triad

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



26.1018, 43.8803, 33.4796



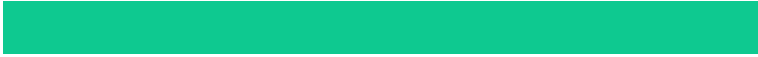
46.0525, 43.8803, 122.5928



57.2000, 43.8803, 19.5784

Complementary

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



26.1018, 43.8803, 33.4796



25.3835, 13.1877, 7.1719

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.



63.0364, 43.8803, 36.7240



26.1018, 43.8803, 33.4796



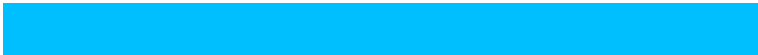
55.9514, 43.8803, 99.6351

Square

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



26.1018, 43.8803, 33.4796



36.3586, 43.8803, 120.6018



62.5465, 43.8803, 65.6591



47.5556, 43.8803, 12.4326

Rectangle

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



26.1018, 43.8803, 33.4796



27.7283, 43.8803, 83.6233



62.5465, 43.8803, 65.6591



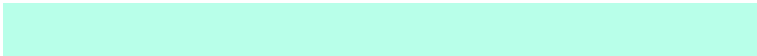
59.7357, 43.8803, 23.9952

Sweetspot

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



26.1030, 43.8820, 33.4806



70.1729, 87.5576, 90.4682



23.7318, 43.2320, 7.5099



14.3772, 18.4214, 18.8027



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.



26.1030, 43.8820, 33.4806



43.7223, 74.7049, 53.8488



24.4923, 31.8465, 60.1165



10.8037, 12.0104, 12.9164



16.1388, 27.4679, 20.2071



0.7953, 1.3131, 1.1209

Inverse Universe

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



25.3835, 13.1877, 7.1719



42.6057, 21.8063, 9.1214



25.2368, 14.5880, 1.9017



10.7648, 10.6893, 11.7445



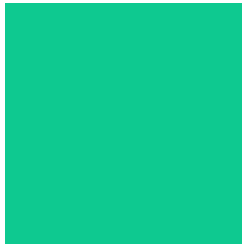
15.7156, 8.0358, 3.7122



0.7769, 0.3936, 0.3481

Previews

White Background



This preview shows how the XYZ color 26.1018, 43.8803, 33.4796 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 26.1018, 43.8803, 33.4796 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

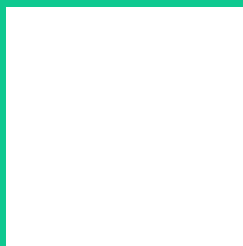
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1018, 43.8803, 33.4796

Background



This preview shows how black text looks on a background with the XYZ color 26.1018, 43.8803, 33.4796.



This preview shows how white text looks on a background with the XYZ color 26.1018, 43.8803,

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

26.1018, 43.8803, 33.4796

Protanopia

40.2339, 43.0173, 28.0124

Deuteranopia

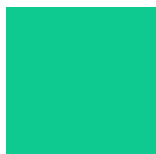
43.8613, 43.0278, 35.2716



Tritanopia

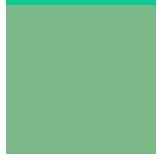
32.8390, 43.9229, 66.4217

Trichromacy



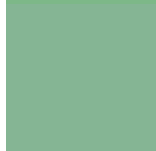
Original Color

26.1018, 43.8803, 33.4796



Protanomaly

30.0419, 40.4185, 29.5107



Deuteranomaly

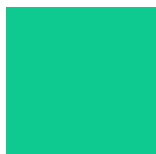
31.5420, 40.1724, 34.1086



Tritanomaly

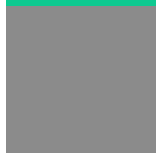
29.7158, 43.6110, 52.7505

Monochromacy



Original Color

26.1018, 43.8803, 33.4796



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

22.3441, 30.1434, 29.8399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1018, 43.8803, 33.4796 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(14, 201, 144)` looks like.

```
.text, #text, p{  
    color:rgb(14, 201, 144)  
}
```

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(14, 201, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 201, 144) }
```

Border

The CSS property to change the border of an element to XYZ 26.1018, 43.8803, 33.4796 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(14, 201, 144) }
```


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

```
.border{ border-color:rgb(14, 201, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 201, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 201, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 201, 144);  
box-shadow:4px 4px 4px 4px rgb(14, 201,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1018, 43.8803, 33.4796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 201, 144) }
```

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

```
.background{ background-color: rgb(14, 201,  
144) }
```

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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