

Converting Colors

XYZ(26.0510, 43.0819, 35.6167)

Have a look what the booklet for
XYZ(26.0510, 43.0819, 35.6167)
contains.

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Color

**XYZ(26.1095, 43.1422,
35.8053)**

Conversions

Conversions Part 1

Format	Color
Hex	0EC796
RGB	14, 199, 150
RGB Percent	5%, 78%, 59%
CMY	0.9450, 0.2196, 0.4118
CMYK	0.93, 0.00, 0.25, 0.22
HSL	164°, 87%, 42%
HSV	164°, 93%, 78%
XYZ	26.1095, 43.1422, 35.8053
YIQ	138.0990, -94.5310, -54.4590

Conversions

Conversions Part 2

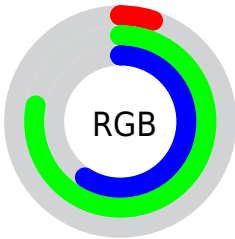
Format	Color
RYB	14, 121, 199
Decimal	968598
CIELab	71.65, -52.78, 13.08
CIELCh	72, 54.374, 166.084
Yxy	43.1422, 0.2485, 0.4107
Android (android.graphics.Color)	4279158678 (0xFF0EC796)
YUV	138.0990, 5.8672, -108.8348
Hunter-Lab	65.6827, -43.9893, 13.6574

Details

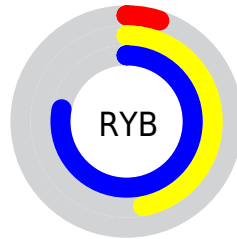
The XYZ color **26.1095, 43.1422, 35.8053** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **24.6090, 12.8161, 5.8819**, and the grayscale version is **24.2017, 25.4621, 27.7282**.

A 20% lighter version of the original color is **52.2526, 78.7632, 69.5756**, and **12.2254, 20.8474, 15.1840** is the 20% darker color. If you saturate the color by 10%, you get **25.6350, 42.9327, 34.2479**, and if you desaturate by 10%, it is **27.0205, 43.5627, 38.1151**.

Distribution



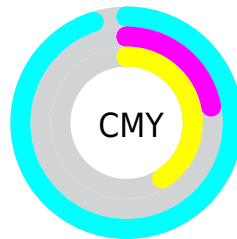
- Red (5%)
- Green (78%)
- Blue (59%)



- Red (5%)
- Yellow (47%)
- Blue (78%)



- Cyan (93%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)





- Cyan (95%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1095, 43.1422, 35.8053 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 26.1095, 43.1422, 35.8053 by changing the saturation by 10% instead.


 26.1095, 43.1422,
35.8053


 26.1095, 43.1422,
35.8053


275.5660,
359.1962, 343.1204


 17.0387, 29.9967,
23.9954


 52.8816, 79.9254,
69.8971


 10.3576, 19.8361,
15.1180


 71.3136, 104.3319,
93.0160


 5.7007, 12.2760,
8.7547


 93.5967, 133.2608,
120.7417

 2.7029, 6.9319,
4.4869

 120.0962,
167.0966, 153.4927

 0.9987, 3.4195,
1.8961

 151.1776,
206.2237, 191.6875

 0.0000, 1.3545,
0.4902

187.2061,

 0.0000, 0.1828,

251.0264, 235.7447

0.0000

228.5471,
301.8891, 286.0828

■ 0.0000, 0.0000,
0.0000

■ 26.1095, 43.1422,
35.8053

■ 26.1095, 43.1422,
35.8053

■ 25.6350, 42.9327,
34.2479

■ 27.0205, 43.5627,
38.1151

■ 28.3286, 44.1847,
40.5434

■ 30.0925, 45.0394,
43.0954

■ 32.3601, 46.1514,
45.7743

■ 35.1730, 47.5423,
48.5834

■ 38.5684, 49.2311,
51.5256

■ 42.5802, 51.2353,
54.6037

■ 47.2397, 53.5709,
57.8202

■ 52.5758, 56.2530,
61.1776

Harmonies

Analogous

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



29.5284, 43.1422, 19.8527



26.1095, 43.1422, 35.8053



26.2381, 43.1422, 62.4689

Triad

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



26.1095, 43.1422, 35.8053



46.1086, 43.1422, 114.4772



54.5516, 43.1422, 19.0983

Complementary

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



26.1095, 43.1422, 35.8053



24.6090, 12.8161, 5.8819

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.



60.4775, 43.1422, 34.2807



26.1095, 43.1422, 35.8053



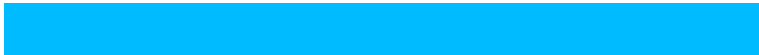
55.1268, 43.1422, 91.6490

Square

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



26.1095, 43.1422, 35.8053



36.8933, 43.1422, 115.3790



60.7025, 43.1422, 60.2540



45.4122, 43.1422, 12.9459

Rectangle

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



26.1095, 43.1422, 35.8053



28.2972, 43.1422, 83.6132



60.7025, 43.1422, 60.2540



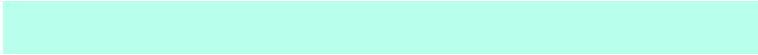
57.0417, 43.1422, 22.9926

Sweetspot

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



26.1107, 43.1439, 35.8063



70.5844, 87.7222, 92.6349



22.5756, 41.9483, 7.3230



14.4771, 18.4613, 19.3285



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.



26.1107, 43.1439, 35.8063



44.7782, 75.1273, 59.4092



22.3521, 27.9402, 58.2497



10.8221, 12.0177, 13.0135



16.5211, 27.6208, 22.2203



0.8110, 1.3193, 1.2035

Inverse Universe

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



24.6090, 12.8161, 5.8819



42.2696, 21.6718, 7.3519



25.1054, 15.1183, 2.0109



10.7473, 10.6823, 11.6526



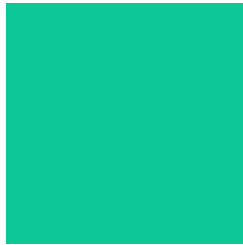
15.5855, 7.9838, 3.0273



0.7689, 0.3904, 0.3064

Previews

White Background



This preview shows how the XYZ color 26.1095, 43.1422, 35.8053 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 26.1095, 43.1422, 35.8053 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

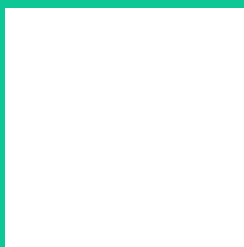
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1095, 43.1422, 35.8053

Background



This preview shows how black text looks on a background with the XYZ color 26.1095, 43.1422, 35.8053.

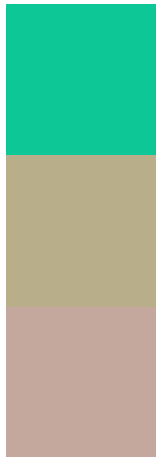


This preview shows how white text looks on a background with the XYZ color 26.1095, 43.1422,

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

26.1095, 43.1422, 35.8053

Protanopia

39.7311, 42.4214, 30.1388

Deuteranopia

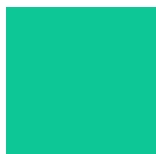
43.1144, 42.3099, 37.7925



Tritanopia

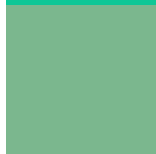
32.0733, 42.8904, 65.6197

Trichromacy



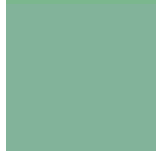
Original Color

26.1095, 43.1422, 35.8053



Protanomaly

29.9844, 40.0309, 31.7376



Deuteranomaly

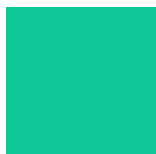
31.1588, 39.3191, 36.5190



Tritanomaly

29.2814, 42.7096, 53.1549

Monochromacy



Original Color

26.1095, 43.1422, 35.8053



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

21.9675, 29.4218, 30.1123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1095, 43.1422, 35.8053 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, 199, 150)` looks like.

```
.text, #text, p{  
    color:rgb(14, 199, 150)  
}
```

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, 199, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 199, 150) }
```

Border

The CSS property to change the border of an element to XYZ 26.1095, 43.1422, 35.8053 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, 199, 150) }
```


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

```
.border{ border-color:rgb(14, 199, 150) }
```

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

Here you see how a box with a 4 pixel rgb(14, 199, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 199, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 199, 150);  
box-shadow:4px 4px 4px 4px rgb(14, 199,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1095, 43.1422, 35.8053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 199, 150) }
```

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

```
.background{ background-color: rgb(14, 199,  
150) }
```

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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