

Converting Colors

XYZ(25.2534, 44.1197, 33.3557)

Have a look what the booklet for
XYZ(25.2534, 44.1197, 33.3557)
contains.

| | |
|--|----|
| XYZ(26.3139, 44.6950, 33.2267) | 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(26.3139, 44.6950,
33.2267)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 00CB8F |
| RGB | 0, 203, 143 |
| RGB Percent | 0%, 80%, 56% |
| CMY | 0.9999, 0.2039, 0.4392 |
| CMYK | 1.00, 0.00, 0.30, 0.20 |
| HSL | 162°, 100%, 40% |
| HSV | 162°, 100%, 80% |
| XYZ | 26.3139, 44.6950, 33.2267 |
| YIQ | 135.4630, -101.7280, -61.6960 |

Conversions

Conversions Part 2

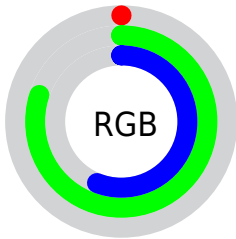
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 119, 203 |
| Decimal | 52111 |
| CIELab | 72.69, -56.41, 18.27 |
| CIELCh | 73, 59.294, 162.059 |
| Yxy | 44.6950, 0.2524, 0.4288 |
| Android (android.graphics.Color) | 4278242191 (0xFF00CB8F) |
| YUV | 135.4630, 3.7157, -118.8011 |
| Hunter-Lab | 66.8543, -46.7374, 17.3308 |

Details

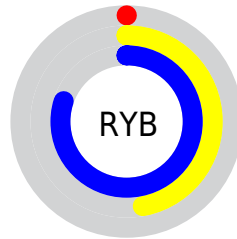
The XYZ color **26.3139, 44.6950, 33.2267** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **25.4461, 13.0241, 5.4517**, and the grayscale version is **23.2185, 24.4277, 26.6018**.

A 20% lighter version of the original color is **51.2049, 78.3179, 65.2414**, and **12.3655, 21.6401, 13.6505** is the 20% darker color. If you saturate the color by 10%, you get **26.3141, 44.6963, 33.2245**, and if you desaturate by 10%, it is **27.0769, 45.0356, 35.7006**.

Distribution



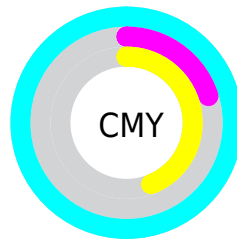
- Red (0%)
- Green (80%)
- Blue (56%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3139, 44.6950, 33.2267 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 26.3139, 44.6950, 33.2267 by changing the saturation by 10% instead.


 26.3139, 44.6950,
33.2267


 26.3139, 44.6950,
33.2267


276.5481,
365.5369, 331.3333


 17.1925, 31.2173,
22.0276


 53.2086, 82.2625,
65.8494


 10.4680, 20.7643,
13.6787


 71.7127, 107.1211,
88.1101


 5.7750, 12.9519,
7.7613


 94.0750, 136.5421,
114.8951

 2.7481, 7.3954,
3.8570

 120.6609,
170.9099, 146.6229

 1.0220, 3.7106,
1.5473

 151.8359,
210.6089, 183.7121

 0.0000, 1.5130,
0.2528

187.9651,

 0.0000, 0.2979,

256.0234, 226.5812

0.0000

229.4141,
307.5380, 275.6488

■ 0.0000, 0.0000,
0.0000

■ 26.3139, 44.6950,
33.2267

■ 26.3139, 44.6950,
33.2267

■ 26.3141, 44.6963,
33.2245

■ 27.0769, 45.0356,
35.7006

■ 28.1731, 45.5438,
38.3180

■ 29.7102, 46.2766,
41.0868

■ 31.7452, 47.2630,
44.0115

■ 34.3264, 48.5281,
47.0962

■ 37.4960, 50.0935,
50.3446

■ 41.2921, 51.9788,
53.7602

■ 45.7495, 54.2019,
57.3464

■ 50.9003, 56.7793,
61.1063

Harmonies

Analogous

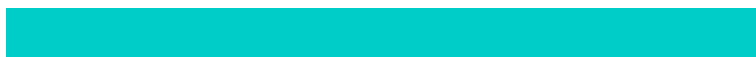
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.5676, 44.6950, 17.5731



26.3139, 44.6950, 33.2267



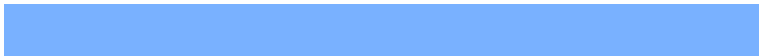
25.9342, 44.6950, 61.4763

Triad

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



26.3139, 44.6950, 33.2267



46.7462, 44.6950, 127.6748



58.9124, 44.6950, 19.7396

Complementary

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



26.3139, 44.6950, 33.2267



25.4461, 13.0241, 5.4517

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.



64.8926, 44.6950, 37.7704



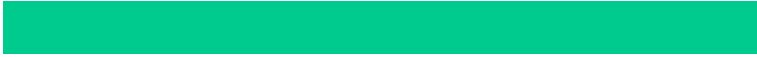
26.3139, 44.6950, 33.2267



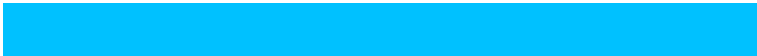
57.1466, 44.6950, 103.9589

Square

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



26.3139, 44.6950, 33.2267



36.6785, 44.6950, 124.8360



64.1987, 44.6950, 68.2697



48.8659, 44.6950, 12.2321

Rectangle

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



26.3139, 44.6950, 33.2267



27.8342, 44.6950, 85.3231



64.1987, 44.6950, 68.2697



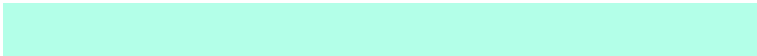
61.5326, 44.6950, 24.3768

Sweetspot

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



26.3151, 44.6968, 33.2277



68.8554, 86.8924, 89.7745



23.2764, 43.7030, 7.2095



14.1325, 18.2975, 18.6861



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.



26.3151, 44.6968, 33.2277



43.9595, 74.7998, 55.0982



23.7725, 30.2968, 61.0968



11.3965, 12.6683, 13.6451



16.7872, 28.4602, 21.3621



0.8983, 1.4811, 1.2720

Inverse Universe

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



25.4461, 13.0241, 5.4517



42.5231, 21.7732, 8.6865



25.4096, 14.2569, 1.4134



11.3465, 11.2673, 12.3593



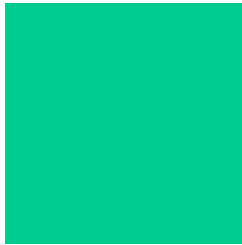
16.2278, 8.3017, 3.6525



0.8708, 0.4417, 0.3654

Previews

White Background



This preview shows how the XYZ color 26.3139, 44.6950, 33.2267 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 26.3139, 44.6950, 33.2267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

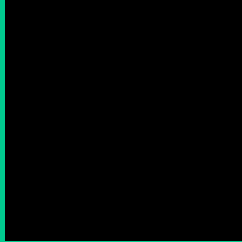
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.3139, 44.6950, 33.2267

Background



This preview shows how black text looks on a background with the XYZ color 26.3139, 44.6950, 33.2267.

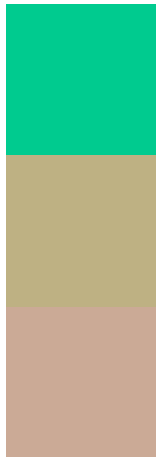


This preview shows how white text looks on a background with the XYZ color 26.3139, 44.6950,

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

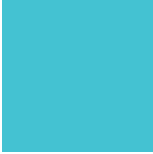
26.3139, 44.6950, 33.2267

Protanopia

41.0541, 44.0301, 27.8076

Deuteranopia

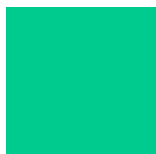
44.5083, 43.6480, 34.9332



Tritanopia

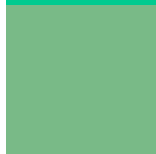
33.3085, 44.4657, 67.8000

Trichromacy



Original Color

26.3139, 44.6950, 33.2267



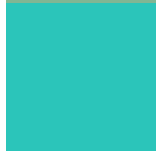
Protanomaly

29.8172, 40.9320, 29.2508



Deuteranomaly

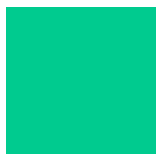
31.0477, 40.2296, 33.7325



Tritanomaly

29.8254, 43.9913, 53.3736

Monochromacy



Original Color

26.3139, 44.6950, 33.2267



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

20.9960, 28.9550, 28.5270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3139, 44.6950, 33.2267 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, 203, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 203, 143)  
}
```

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, 203, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 203, 143) }
```

Border

The CSS property to change the border of an element to XYZ 26.3139, 44.6950, 33.2267 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, 203, 143) }
```


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

```
.border{ border-color:rgb(0, 203, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 203, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 203, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 203, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 203,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3139, 44.6950, 33.2267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 203, 143) }
```

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

```
.background{ background-color: rgb(0, 203,  
143) }
```

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