

Converting Colors

XYZ(26.7678, 44.1504, 36.8168)

Have a look what the booklet for
XYZ(26.7678, 44.1504, 36.8168)
contains.

XYZ(26.7678, 44.1504, 36.8168)	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(26.7678, 44.1504,
36.8168)**

Conversions

Conversions Part 1

Format	Color
Hex	10C998
RGB	16, 201, 152
RGB Percent	6%, 79%, 60%
CMY	0.9372, 0.2118, 0.4039
CMYK	0.92, 0.00, 0.24, 0.21
HSL	164°, 85%, 43%
HSV	164°, 92%, 79%
XYZ	26.7678, 44.1504, 36.8168
YIQ	140.0990, -94.5310, -54.4590

Conversions

Conversions Part 2

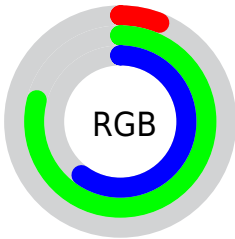
Format	Color
RYB	16, 123, 201
Decimal	1100184
CIELab	72.33, -52.99, 12.96
CIELCh	72, 54.550, 166.260
Yxy	44.1504, 0.2485, 0.4098
Android (android.graphics.Color)	4279290264 (0xFF10C998)
YUV	140.0990, 5.8672, -108.8348
Hunter-Lab	66.4458, -44.3710, 13.6602

Details

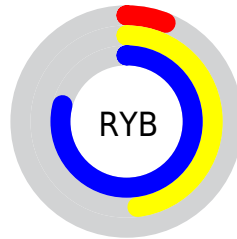
The XYZ color **26.7678, 44.1504, 36.8168** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **25.2285, 13.1709, 6.2165**, and the grayscale version is **24.9725, 26.2730, 28.6113**.

A 20% lighter version of the original color is **52.6095, 78.9193, 70.8527**, and **12.6278, 21.4974, 15.7958** is the 20% darker color. If you saturate the color by 10%, you get **26.2136, 43.9052, 35.0099**, and if you desaturate by 10%, it is **27.7327, 44.5974, 39.1910**.

Distribution



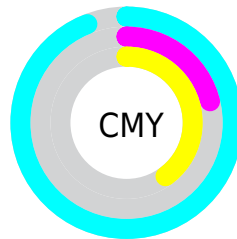
- Red (6%)
- Green (79%)
- Blue (60%)



- Red (6%)
- Yellow (48%)
- Blue (79%)



- Cyan (92%)
- Magenta (0%)
- Yellow (24%)
- Black (21%)



- Cyan (94%)
- Magenta (21%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7678, 44.1504, 36.8168 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 26.7678, 44.1504, 36.8168 by changing the saturation by 10% instead.


 26.7678, 44.1504,
36.8168


 26.7678, 44.1504,
36.8168


278.7192,
363.3217, 347.6615


 17.5346, 30.7888,
24.7710


 53.9336, 81.4440,
71.4741


 10.7140, 20.4381,
15.6891


 72.5968, 106.1448,
94.9227


 5.9408, 12.7139,
9.1524


 95.1341, 135.3940,
123.0093

 2.8494, 7.2318,
4.7426

 121.9109,
169.5762, 156.1525

 1.0746, 3.6075,
2.0409

 153.2924,
209.0756, 194.7707

 0.0037, 1.4565,
0.5803

189.6441,

 0.0000, 0.2578,

254.2768, 239.2826

0.0000

231.3312,
305.5640, 290.1067

■ 0.0000, 0.0000,
0.0000

■ 26.7678, 44.1504,
36.8168

■ 26.7678, 44.1504,
36.8168

■ 26.2136, 43.9052,
35.0099

■ 27.7327, 44.5974,
39.1910

■ 29.1101, 45.2536,
41.6870

■ 30.9588, 46.1506,
44.3098

■ 33.3273, 47.3131,
47.0631

■ 36.2577, 48.7629,
49.9499

■ 39.7879, 50.5195,
52.9732

■ 43.9524, 52.6007,
56.1359

■ 48.7827, 55.0227,
59.4406

■ 54.3087, 57.8008,
62.8899

Harmonies

Analogous

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



30.2343, 44.1504, 20.4715



26.7678, 44.1504, 36.8168



26.9202, 44.1504, 64.0353

Triad

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



26.7678, 44.1504, 36.8168



47.2193, 44.1504, 116.6717



55.7107, 44.1504, 19.5757

Complementary

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



26.7678, 44.1504, 36.8168



25.2285, 13.1709, 6.2165

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.



61.7706, 44.1504, 35.0105



26.7678, 44.1504, 36.8168



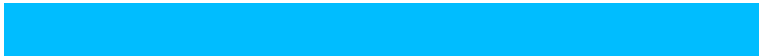
56.3909, 44.1504, 93.3633

Square

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



26.7678, 44.1504, 36.8168



37.8235, 44.1504, 117.7367



62.0366, 44.1504, 61.4156



46.3953, 44.1504, 13.3274

Rectangle

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



26.7678, 44.1504, 36.8168



29.0349, 44.1504, 85.5551



62.0366, 44.1504, 61.4156



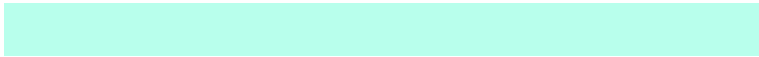
58.2531, 44.1504, 23.5350

Sweetspot

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



26.7690, 44.1521, 36.8178



70.5844, 87.7222, 92.6348



23.1841, 42.9479, 7.5588



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.



26.7690, 44.1521, 36.8178



44.7781, 75.1273, 59.4089



22.9565, 28.7266, 59.5951



10.8221, 12.0177, 13.0135



16.5210, 27.6208, 22.2202



0.8110, 1.3193, 1.2035

Inverse Universe

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



25.2285, 13.1709, 6.2165



42.2696, 21.6719, 7.3520



25.7552, 15.6020, 2.1449



10.7473, 10.6823, 11.6526



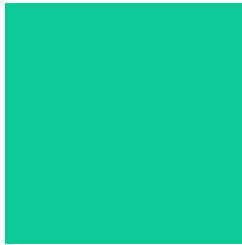
15.5855, 7.9838, 3.0273



0.7689, 0.3904, 0.3064

Previews

White Background



This preview shows how the XYZ color 26.7678, 44.1504, 36.8168 looks on a white background.

Color Contrast Check

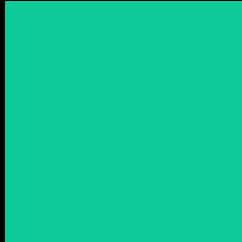
Large Text (above 18pt) WCAG AA × Fail

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 26.7678, 44.1504, 36.8168 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

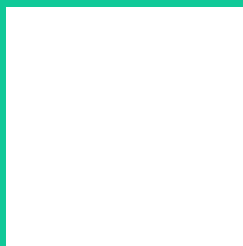
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7678, 44.1504, 36.8168

Background



This preview shows how black text looks on a background with the XYZ color 26.7678, 44.1504, 36.8168.

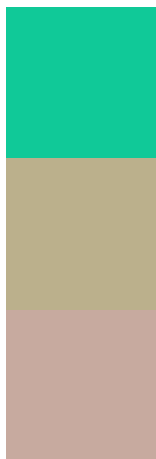


This preview shows how white text looks on a background with the XYZ color 26.7678, 44.1504,

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

26.7678, 44.1504, 36.8168

Protanopia

40.7525, 43.5089, 31.0611

Deuteranopia

44.1859, 43.3948, 38.8481



Tritanopia

32.7586, 43.8672, 67.0623

Trichromacy



Original Color

26.7678, 44.1504, 36.8168



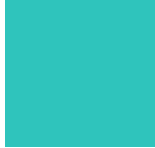
Protanomaly

30.8405, 41.0715, 32.6877



Deuteranomaly

32.0403, 40.3536, 37.5528



Tritanomaly

29.9893, 43.7150, 54.4342

Monochromacy



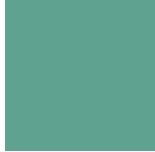
Original Color

26.7678, 44.1504, 36.8168



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

22.6737, 30.2872, 31.0365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7678, 44.1504, 36.8168 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(16, 201, 152)` looks like.

```
.text, #text, p{  
    color:rgb(16, 201, 152)  
}
```

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(16, 201, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 201, 152) }
```

Border

The CSS property to change the border of an element to XYZ 26.7678, 44.1504, 36.8168 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(16, 201, 152) }
```


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

```
.border{ border-color:rgb(16, 201, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 201, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 201, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 201, 152);  
box-shadow:4px 4px 4px 4px rgb(16, 201,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7678, 44.1504, 36.8168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 201, 152) }
```

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

```
.background{ background-color: rgb(16, 201,  
152) }
```

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