

Converting Colors

XYZ(17.3838, 27.9659, 26.7633)

Have a look what the booklet for
XYZ(17.3838, 27.9659, 26.7633)
contains.

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Color

**XYZ(17.3308, 27.8878,
26.6598)**

Conversions

Conversions Part 1

Format	Color
Hex	00A385
RGB	0, 163, 133
RGB Percent	0%, 64%, 52%
CMY	0.9999, 0.3608, 0.4784
CMYK	1.00, 0.00, 0.18, 0.36
HSL	169°, 100%, 32%
HSV	169°, 100%, 64%
XYZ	17.3308, 27.8878, 26.6598
YIQ	110.8430, -87.5180, -43.8860

Conversions

Conversions Part 2

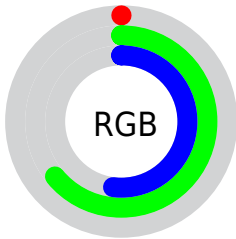
Format	Color
RYB	0, 90, 163
Decimal	41861
CIELab	59.79, -43.14, 5.55
CIELCh	60, 43.496, 172.673
Yxy	27.8878, 0.2411, 0.3880
Android (android.graphics.Color)	4278231941 (0xFF00A385)
YUV	110.8430, 10.9234, -97.2093
Hunter-Lab	52.8089, -33.8355, 7.0345

Details

The XYZ color **17.3308, 27.8878, 26.6598** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **15.3395, 7.8810, 1.9421**, and the grayscale version is **15.0532, 15.8371, 17.2466**.

A 20% lighter version of the original color is **38.5088, 56.4324, 55.3173**, and **7.1762, 11.7920, 10.2854** is the 20% darker color. If you saturate the color by 10%, you get **17.3312, 27.8887, 26.6594**, and if you desaturate by 10%, it is **17.7608, 28.0859, 27.7783**.

Distribution



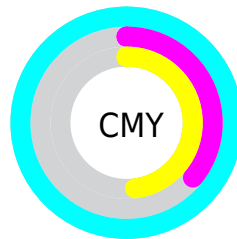
- Red (0%)
- Green (64%)
- Blue (52%)



- Red (0%)
- Yellow (35%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (36%)





- Cyan (100%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.3308, 27.8878, 26.6598 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 17.3308, 27.8878, 26.6598 by changing the saturation by 10% instead.


 17.3308, 27.8878,
26.6598


 17.3308, 27.8878,
26.6598


230.1908,
291.9304, 299.7140


 10.5674, 18.2411,
17.0877


 38.4328, 56.3053,
55.3346


 5.8419, 11.1232,
10.1344


 53.5020, 75.8448,
75.2743


 2.7889, 6.1498,
5.3814

 72.0706, 99.4508,
99.5070

 1.0431, 2.9364,
2.4101

 94.5038, 127.5075,
128.4512

 0.0000, 1.0986,
0.7919

 121.1671,
160.3995, 162.5255

 0.0000, 0.0000,
0.0000

 152.4258,

198.5110, 202.1484

188.6453,
242.2265, 247.7384

■ 17.3308, 27.8878,
26.6598

■ 17.3308, 27.8878,
26.6598

■ 17.3312, 27.8887,
26.6594

■ 17.7608, 28.0859,
27.7783

■ 18.3730, 28.3765,
28.9358

■ 19.2429, 28.7993,
30.1368

■ 20.4031, 29.3709,
31.3831

■ 21.8811, 30.1058,
32.6762

■ 23.7012, 31.0163,
34.0174

■ 25.8855, 32.1138,
35.4080

■ 28.4540, 33.4087,
36.8492

■ 31.4254, 34.9106,
38.3421

Harmonies

Analogous

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



18.9471, 27.8878, 15.4398



17.3308, 27.8878, 26.6598



17.8879, 27.8878, 43.6178

Triad

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



17.3308, 27.8878, 26.6598



30.8010, 27.8878, 67.8187



33.4589, 27.8878, 12.0718

Complementary

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



17.3308, 27.8878, 26.6598



15.3395, 7.8810, 1.9421

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.



37.5257, 27.8878, 20.1120



17.3308, 27.8878, 26.6598



35.8489, 27.8878, 52.7128

Square

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



17.3308, 27.8878, 26.6598



25.1790, 27.8878, 71.4630



38.4559, 27.8878, 34.3987



27.8799, 27.8878, 9.1263

Rectangle

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



17.3308, 27.8878, 26.6598



19.4591, 27.8878, 55.9047



38.4559, 27.8878, 34.3987



35.0781, 27.8878, 14.1002

Sweetspot

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



17.3316, 27.8889, 26.6605



46.1178, 57.3909, 63.2674



13.7126, 26.5123, 4.3951



9.9905, 12.7050, 13.9831



78.6606, 82.7571, 90.1225



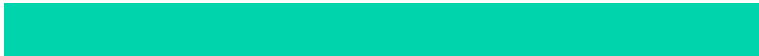
14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.3316, 27.8889, 26.6605



30.9691, 49.9174, 47.3816



12.6406, 14.7032, 36.8233



7.2199, 7.9888, 8.7699



13.4845, 21.6801, 20.7996



0.2970, 0.4610, 0.5092

Inverse Universe

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



15.3395, 7.8810, 1.9421



27.4161, 14.0913, 3.1908



16.1995, 9.9761, 1.0722



7.1246, 7.1063, 7.6424



11.9338, 6.1296, 1.5762



0.2647, 0.1344, 0.1063

Previews

White Background



This preview shows how the XYZ color 17.3308, 27.8878, 26.6598 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3308, 27.8878, 26.6598 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 × Fail

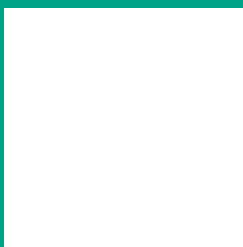
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3308, 27.8878, 26.6598

Background



This preview shows how black text looks on a background with the XYZ color 17.3308, 27.8878, 26.6598.

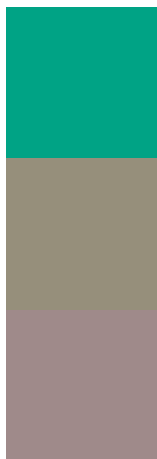


This preview shows how white text looks on a background with the XYZ color 17.3308, 27.8878,

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

17.3308, 27.8878, 26.6598

Protanopia

25.9753, 27.5590, 22.6893

Deuteranopia

27.9740, 27.3829, 27.8558



Tritanopia

20.7965, 28.0224, 42.8408

Trichromacy



Original Color

17.3308, 27.8878, 26.6598

Protanomaly

19.4564, 25.7779, 24.0288

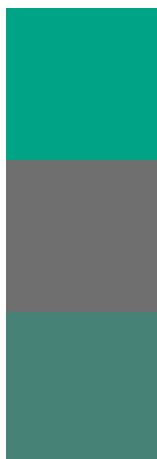
Deuteranomaly

20.2445, 25.4117, 27.1305

Tritanomaly

19.2217, 27.8672, 36.2641

Monochromacy



Original Color

17.3308, 27.8878, 26.6598

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

13.9109, 18.6368, 20.3168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3308, 27.8878, 26.6598 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, 163, 133)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 133)  
}
```

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, 163, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 133) }
```

Border

The CSS property to change the border of an element to XYZ 17.3308, 27.8878, 26.6598 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, 163, 133) }
```


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

```
.border{ border-color:rgb(0, 163, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 163, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 133);  
box-shadow:4px 4px 4px 4px rgb(0, 163,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3308, 27.8878, 26.6598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 163, 133) }
```

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

```
.background{ background-color: rgb(0, 163,  
133) }
```

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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