

Converting Colors

XYZ(17.2765, 27.8661, 26.3737)

Have a look what the booklet for
XYZ(17.2765, 27.8661, 26.3737)
contains.

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Color

**XYZ(17.2621, 27.8603,
26.2976)**

Conversions

Conversions Part 1

Format	Color
Hex	00A384
RGB	0, 163, 132
RGB Percent	0%, 64%, 52%
CMY	0.9999, 0.3608, 0.4823
CMYK	1.00, 0.00, 0.19, 0.36
HSL	169°, 100%, 32%
HSV	169°, 100%, 64%
XYZ	17.2621, 27.8603, 26.2976
YIQ	110.7290, -87.1970, -44.1970

Conversions

Conversions Part 2

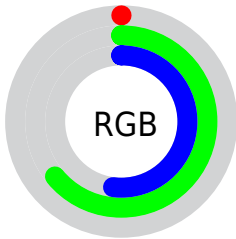
Format	Color
RYB	0, 90, 163
Decimal	41860
CIELab	59.76, -43.41, 6.07
CIELCh	60, 43.831, 172.035
Yxy	27.8603, 0.2417, 0.3901
Android (android.graphics.Color)	4278231940 (0xFF00A384)
YUV	110.7290, 10.4866, -97.1093
Hunter-Lab	52.7829, -33.9934, 7.4084

Details

The XYZ color **17.2621, 27.8603, 26.2976** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **15.3527, 7.8864, 2.0111**, and the grayscale version is **15.0220, 15.8043, 17.2109**.

A 20% lighter version of the original color is **38.4029, 56.3900, 54.7593**, and **7.1373, 11.7764, 10.0805** is the 20% darker color. If you saturate the color by 10%, you get **17.2623, 27.8611, 26.2966**, and if you desaturate by 10%, it is **17.6972, 28.0604, 27.4428**.

Distribution



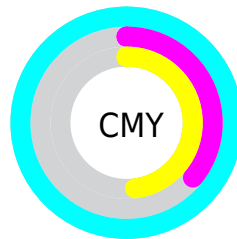
- Red (0%)
- Green (64%)
- Blue (52%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2621, 27.8603, 26.2976 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 17.2621, 27.8603, 26.2976 by changing the saturation by 10% instead.

■ 17.2621, 27.8603,
26.2976

■ 17.2621, 27.8603,
26.2976

229.8052,
291.7988, 297.8918

■ 10.5180, 18.2204,
16.8187

■ 38.3159, 56.2613,
54.7446

■ 5.8086, 11.1083,
9.9447

■ 53.3563, 75.7912,
74.5498

■ 2.7686, 6.1397,
5.2572

■ 71.8928, 99.3866,
98.6341

■ 1.0326, 2.9302,
2.3376

■ 94.2909, 127.4317,
127.4161

■ 0.0000, 1.0954,
0.7521

■ 120.9158,
160.3112, 161.3143

■ 0.0000, 0.0000,
0.0000

■ 152.1329,

198.4092, 200.7473

188.3076,
242.1103, 246.1336

■ 17.2621, 27.8603,
26.2976

■ 17.2621, 27.8603,
26.2976

■ 17.2623, 27.8611,
26.2966

■ 17.6972, 28.0604,
27.4428

■ 18.3150, 28.3533,
28.6291

■ 19.1909, 28.7785,
29.8610

■ 20.3575, 29.3527,
31.1403

■ 21.8423, 30.0903,
32.4685

■ 23.6697, 31.0037,
33.8469

■ 25.8616, 32.1044,
35.2770

■ 28.4382, 33.4025,
36.7599

■ 31.4181, 34.9078,
38.2968

Harmonies

Analogous

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



18.9322, 27.8603, 15.1606



17.2621, 27.8603, 26.2976



17.7754, 27.8603, 43.2948

Triad

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



17.2621, 27.8603, 26.2976



30.6856, 27.8603, 68.3585



33.5962, 27.8603, 12.0674

Complementary

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



17.2621, 27.8603, 26.2976



15.3527, 7.8864, 2.0111

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.



37.6448, 27.8603, 20.2601



17.2621, 27.8603, 26.2976



35.8076, 27.8603, 53.2652

Square

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



17.2621, 27.8603, 26.2976



25.0303, 27.8603, 71.7406



38.5060, 27.8603, 34.7661



27.9854, 27.8603, 9.0295

Rectangle

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



17.2621, 27.8603, 26.2976



19.3242, 27.8603, 55.7205



38.5060, 27.8603, 34.7661



35.2155, 27.8603, 14.1380

Sweetspot

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



17.2629, 27.8614, 26.2983



46.0723, 57.3727, 63.0276



13.7128, 26.5124, 4.3953



9.9791, 12.7004, 13.9228



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.



17.2629, 27.8614, 26.2983



30.8441, 49.8674, 46.7235



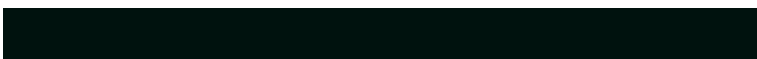
12.6410, 14.7038, 36.8233



7.2181, 7.9880, 8.7601



13.4313, 21.6589, 20.5196



0.2963, 0.4607, 0.5051

Inverse Universe

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



15.3527, 7.8864, 2.0111



27.4380, 14.1001, 3.3061



16.1997, 9.9766, 1.0725



7.1263, 7.1070, 7.6514



11.9442, 6.1338, 1.6310



0.2653, 0.1346, 0.1095

Previews

White Background



This preview shows how the XYZ color 17.2621, 27.8603, 26.2976 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 17.2621, 27.8603, 26.2976 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

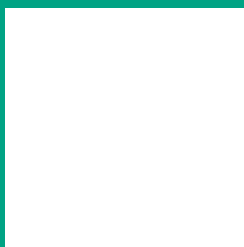
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2621, 27.8603, 26.2976

Background



This preview shows how black text looks on a background with the XYZ color 17.2621, 27.8603, 26.2976.

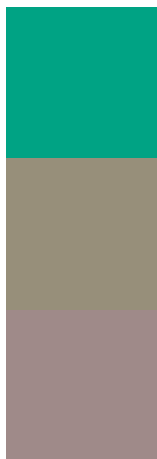


This preview shows how white text looks on a background with the XYZ color 17.2621, 27.8603,

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

17.2621, 27.8603, 26.2976

Protanopia

26.0978, 27.6294, 22.3699

Deuteranopia

27.9019, 27.3540, 27.4762



Tritanopia

20.8442, 28.0470, 42.8431

Trichromacy



Original Color

17.2621, 27.8603, 26.2976

Protanomaly

19.4961, 25.8058, 23.6921

Deuteranomaly

20.1737, 25.3834, 26.7579

Tritanomaly

19.2217, 27.8672, 36.2641

Monochromacy



Original Color

17.2621, 27.8603, 26.2976

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 17.2621, 27.8603, 26.2976 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 132) }
```

Border

The CSS property to change the border of an element to XYZ 17.2621, 27.8603, 26.2976 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, 132) }
```


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

```
.border{ border-color:rgb(0, 163, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 132);  
box-shadow:4px 4px 4px 4px rgb(0, 163,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2621, 27.8603, 26.2976 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, 132) }
```

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

```
.background{ background-color: rgb(0, 163,  
132) }
```

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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