

Converting Colors

XYZ(8.0677, 21.9746, 29.8973)

Have a look what the booklet for
XYZ(8.0677, 21.9746, 29.8973)
contains.

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Color

**XYZ(17.3561, 26.7794,
30.2408)**

Conversions

Conversions Part 1

Format	Color
Hex	009F8F
RGB	0, 159, 143
RGB Percent	0%, 62%, 56%
CMY	0.9999, 0.3765, 0.4392
CMYK	1.00, 0.00, 0.10, 0.38
HSL	174°, 100%, 31%
HSV	174°, 100%, 62%
XYZ	17.3561, 26.7794, 30.2408
YIQ	109.6350, -89.6280, -38.6840

Conversions

Conversions Part 2

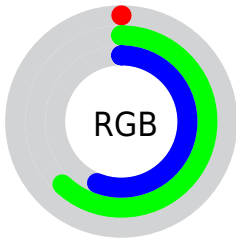
Format	Color
RYB	0, 84, 159
Decimal	40847
CIELab	58.77, -38.62, -1.58
CIELCh	59, 38.648, 182.337
Yxy	26.7794, 0.2334, 0.3601
Android (android.graphics.Color)	4278230927 (0xFF009F8F)
YUV	109.6350, 16.4489, -96.1499
Hunter-Lab	51.7488, -30.6931, 1.5765

Details

The XYZ color **17.3561, 26.7794, 30.2408** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **14.3925, 7.4092, 1.1629**, and the grayscale version is **14.6920, 15.4571, 16.8328**.

A 20% lighter version of the original color is **38.4390, 54.3485, 61.2877**, and **7.2335, 11.3057, 12.1569** is the 20% darker color. If you saturate the color by 10%, you get **17.3563, 26.7802, 30.2403**, and if you desaturate by 10%, it is **17.6911, 26.9386, 30.8945**.

Distribution



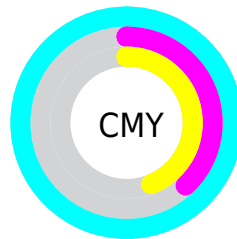
- Red (0%)
- Green (62%)
- Blue (56%)



- Red (0%)
- Yellow (33%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3561, 26.7794, 30.2408 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 17.3561, 26.7794, 30.2408 by changing the saturation by 10% instead.

■ 17.3561, 26.7794,
30.2408

■ 17.3561, 26.7794,
30.2408

230.3327,
286.5874, 317.2674

■ 10.5856, 17.4076,
19.7678

■ 38.4758, 54.5297,
61.1083

■ 5.8541, 10.5255,
12.0440

■ 53.5556, 73.6769,
82.3399

■ 2.7964, 5.7488,
6.6507

■ 72.1360, 96.8515,
107.9948

■ 1.0470, 2.6929,
3.1695

■ 94.5822, 124.4378,
138.4915

■ 0.0000, 0.9736,
1.1818

■ 121.2596,
156.8201, 174.2486

■ 0.0000, 0.0000,
0.0000

■ 152.5336,

194.3829, 215.6846

188.7695,
237.5105, 263.2180

■ 17.3561, 26.7794,
30.2408

■ 17.3561, 26.7794,
30.2408

■ 17.3563, 26.7802,
30.2403

■ 17.6911, 26.9386,
30.8945

■ 18.1929, 27.1830,
31.5646

■ 18.9343, 27.5507,
32.2549

■ 19.9458, 28.0574,
32.9670

■ 21.2532, 28.7165,
33.7022

■ 22.8795, 29.5398,
34.4614

■ 24.8452, 30.5378,
35.2458

■ 27.1692, 31.7203,
36.0563

■ 29.8690, 33.0964,
36.8937

Harmonies

Analogous

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



18.1736, 26.7794, 18.5988



17.3561, 26.7794, 30.2408



18.4735, 26.7794, 45.5558

Triad

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



17.3561, 26.7794, 30.2408



30.6720, 26.7794, 57.4029



29.9454, 26.7794, 11.5525

Complementary

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



17.3561, 26.7794, 30.2408



14.3925, 7.4092, 1.1629

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.



34.0003, 26.7794, 17.2597



17.3561, 26.7794, 30.2408



34.4553, 26.7794, 43.1070

Square

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



17.3561, 26.7794, 30.2408



25.8283, 26.7794, 63.9945



35.7425, 26.7794, 28.1018



25.0814, 26.7794, 10.0205

Rectangle

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



17.3561, 26.7794, 30.2408



20.2579, 26.7794, 55.2353



35.7425, 26.7794, 28.1018



31.4681, 26.7794, 12.9352

Sweetspot

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



17.3569, 26.7804, 30.2414



44.2700, 54.5748, 63.0364



12.6590, 24.9313, 4.1458



9.6519, 12.1368, 14.0847



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.3569, 26.7804, 30.2414



31.0414, 47.9429, 53.9389



10.6320, 11.2504, 34.4131



6.7931, 7.4980, 8.3449



13.7169, 21.1547, 23.9301



0.2527, 0.3812, 0.4672

Inverse Universe

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



14.3925, 7.4092, 1.1629



25.7400, 13.2540, 1.9009



15.9657, 10.7052, 1.2256



6.6588, 6.6565, 7.0546



11.3749, 5.8545, 0.9594



0.2104, 0.1075, 0.0539

Previews

White Background



This preview shows how the XYZ color 17.3561, 26.7794, 30.2408 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 17.3561, 26.7794, 30.2408 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

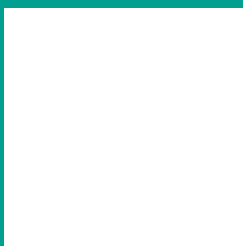
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3561, 26.7794, 30.2408

Background



This preview shows how black text looks on a background with the XYZ color 17.3561, 26.7794, 30.2408.

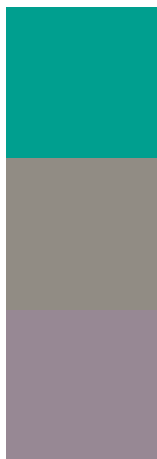


This preview shows how white text looks on a background with the XYZ color 17.3561, 26.7794,

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

17.3561, 26.7794, 30.2408

Protanopia

25.2200, 26.4419, 25.6043

Deuteranopia

26.9120, 26.3257, 31.6799



Tritanopia

19.6643, 26.7210, 41.1670

Trichromacy



Original Color

17.3561, 26.7794, 30.2408

Protanomaly

19.2913, 24.9203, 27.0859

Deuteranomaly

19.9854, 24.5086, 30.8714

Tritanomaly

18.5474, 26.4868, 36.9358

Monochromacy



Original Color

17.3561, 26.7794, 30.2408

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

13.7578, 18.1456, 21.1897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3561, 26.7794, 30.2408 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, 159, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 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, 159, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 143) }
```

Border

The CSS property to change the border of an element to XYZ 17.3561, 26.7794, 30.2408 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, 159, 143) }
```


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

```
.border{ border-color:rgb(0, 159, 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, 159, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 159,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3561, 26.7794, 30.2408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 159, 143) }
```

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

```
.background{ background-color: rgb(0, 159,  
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](#).

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