

Converting Colors

XYZ(17.6191, 26.0919, 28.0386)

Have a look what the booklet for
XYZ(17.6191, 26.0919, 28.0386)
contains.

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Color

**XYZ(17.6948, 26.2403,
28.1770)**

Conversions

Conversions Part 1

Format	Color
Hex	309C8A
RGB	48, 156, 138
RGB Percent	19%, 61%, 54%
CMY	0.8117, 0.3882, 0.4588
CMYK	0.69, 0.00, 0.12, 0.39
HSL	170°, 53%, 40%
HSV	170°, 69%, 61%
XYZ	17.6948, 26.2403, 28.1770
YIQ	121.6560, -58.5900, -28.4940

Conversions

Conversions Part 2

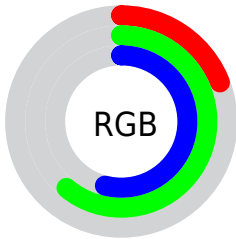
Format	Color
RYB	48, 107, 156
Decimal	3185802
CIELab	58.26, -34.61, 0.59
CIElCh	58, 34.611, 179.021
Yxy	26.2403, 0.2454, 0.3639
Android (android.graphics.Color)	4281375882 (0xFF309C8A)
YUV	121.6560, 8.0576, -64.5963
Hunter-Lab	51.2253, -27.9848, 3.2446

Details

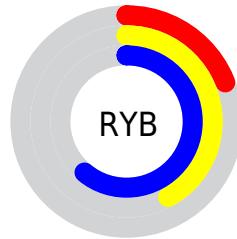
The XYZ color **17.6948, 26.2403, 28.1770** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **15.7515, 9.5758, 6.1732**, and the grayscale version is **18.3756, 19.3325, 21.0531**.

A 20% lighter version of the original color is **39.0049, 53.6013, 57.5805**, and **6.7118, 10.6052, 10.9258** is the 20% darker color. If you saturate the color by 10%, you get **16.8987, 25.8520, 27.1692**, and if you desaturate by 10%, it is **18.7557, 26.7658, 29.2219**.

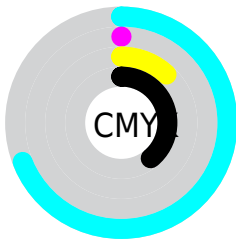
Distribution



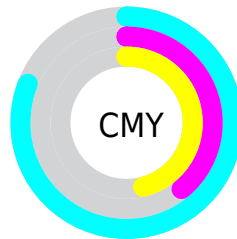
- Red (19%)
- Green (61%)
- Blue (54%)



- Red (19%)
- Yellow (42%)
- Blue (61%)



- Cyan (69%)
- Magenta (0%)
- Yellow (12%)
- Black (39%)



- Cyan (81%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6948, 26.2403, 28.1770 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 17.6948, 26.2403, 28.1770 by changing the saturation by 10% instead.

■ 17.6948, 26.2403,
28.1770

■ 17.6948, 26.2403,
28.1770

232.2241,
283.9597, 307.2502

■ 10.8295, 17.0035,
18.2189

■ 39.0508, 53.6624,
57.7934

■ 6.0187, 10.2370,
10.9362

■ 54.2721, 72.6164,
78.2888

■ 2.8972, 5.5564,
5.9103

■ 73.0094, 95.5783,
103.1338

■ 1.0997, 2.5773,
2.7227

■ 95.6282, 122.9325,
132.7468

■ 0.0248, 0.9152,
0.9548

■ 122.4936,
155.0633, 167.5464

■ 0.0000, 0.0000,
0.0000

153.9712,

192.3552, 207.9511

190.4263,
235.1925, 254.3796

■ 17.6948, 26.2403,
28.1770

■ 17.6948, 26.2403,
28.1770

■ 16.8987, 25.8520,
27.1692

■ 18.7557, 26.7658,
29.2219

■ 16.3364, 25.5831,
26.1951

■ 20.1036, 27.4382,
30.3033

■ 15.9467, 25.4027,
25.2524

■ 21.7609, 28.2694,
31.4231

■ 15.9182, 25.3895,
25.1807

■ 23.7470, 29.2697,
32.5823

■ 26.0800, 30.4483,
33.7818

■ 28.7764, 31.8137,
35.0227

■ 31.8517, 33.3738,
36.3058

■ 35.3206, 35.1364,
37.6320

■ 39.1969, 37.1084,
39.0019

Harmonies

Analogous

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



18.6278, 26.2403, 18.2278



17.6948, 26.2403, 28.1770



18.5142, 26.2403, 41.3494

Triad

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



17.6948, 26.2403, 28.1770



29.0747, 26.2403, 53.9974



29.3408, 26.2403, 12.9551

Complementary

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



17.6948, 26.2403, 28.1770



15.7515, 9.5758, 6.1732

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.



32.7048, 26.2403, 18.7409



17.6948, 26.2403, 28.1770



32.5394, 26.2403, 42.2333

Square

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



17.6948, 26.2403, 28.1770



24.8026, 26.2403, 58.5618



33.9353, 26.2403, 28.9691



25.0792, 26.2403, 11.1025

Rectangle

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



17.6948, 26.2403, 28.1770



20.0026, 26.2403, 49.8747



33.9353, 26.2403, 28.9691



30.6310, 26.2403, 14.4065

Sweetspot

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



17.6956, 26.2413, 28.1776



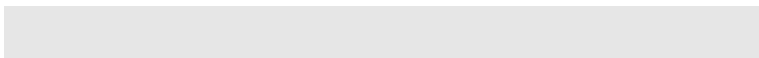
46.3850, 54.8042, 60.8724



14.7927, 25.2132, 6.8837



9.9645, 11.9369, 13.2722



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.6956, 26.2413, 28.1776



30.0896, 46.6633, 48.3799



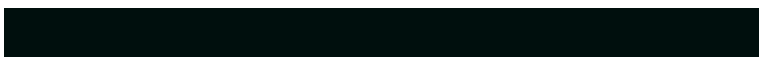
14.1555, 16.8996, 33.9696



6.7743, 7.4905, 8.2463



13.1221, 20.9168, 20.7978



0.2461, 0.3786, 0.4325

Inverse Universe

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



15.7515, 9.5758, 6.1732



26.3880, 14.3785, 6.0729



17.2771, 13.3469, 4.4623



6.6759, 6.6633, 7.1446



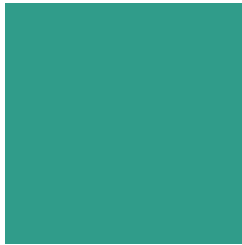
11.4559, 5.8869, 1.3859



0.2159, 0.1097, 0.0830

Previews

White Background



This preview shows how the XYZ color 17.6948, 26.2403, 28.1770 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 17.6948, 26.2403, 28.1770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

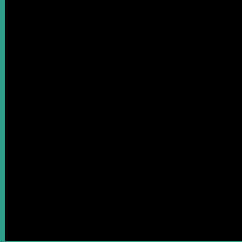
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.6948, 26.2403, 28.1770

Background



This preview shows how black text looks on a background with the XYZ color 17.6948, 26.2403, 28.1770.

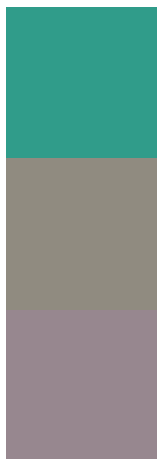


This preview shows how white text looks on a background with the XYZ color 17.6948, 26.2403,

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

17.6948, 26.2403, 28.1770

Protanopia

24.6305, 25.9530, 24.1333

Deuteranopia

26.3844, 25.8904, 29.5933



Tritanopia

19.9442, 26.1652, 39.5965

Trichromacy



Original Color

17.6948, 26.2403, 28.1770

Protanomaly

20.5969, 25.1680, 25.6021

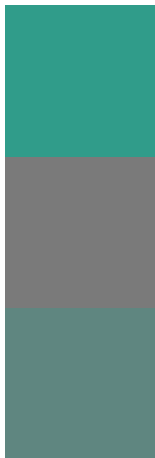
Deuteranomaly

21.5696, 25.1454, 28.9160

Tritanomaly

18.9385, 25.9898, 35.0287

Monochromacy



Original Color

17.6948, 26.2403, 28.1770

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.1407, 21.0416, 23.5801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6948, 26.2403, 28.1770 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(48, 156, 138)` looks like.

```
.text, #text, p{  
    color:rgb(48, 156, 138)  
}
```

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(48, 156, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 156, 138) }
```

Border

The CSS property to change the border of an element to XYZ 17.6948, 26.2403, 28.1770 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(48, 156, 138) }
```


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

```
.border{ border-color:rgb(48, 156, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 156, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 156, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 156, 138);  
box-shadow:4px 4px 4px 4px rgb(48, 156,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6948, 26.2403, 28.1770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 156, 138) }
```

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

```
.background{ background-color: rgb(48, 156,  
138) }
```

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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