

Converting Colors

XYZ(17.7499, 25.0651, 38.0850)

Have a look what the booklet for
XYZ(17.7499, 25.0651, 38.0850)
contains.

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Color

**XYZ(17.7498, 25.0651,
38.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	0098A2
RGB	0, 152, 162
RGB Percent	0%, 60%, 64%
CMY	0.9999, 0.4039, 0.3647
CMYK	1.00, 0.06, 0.00, 0.36
HSL	184°, 100%, 32%
HSV	184°, 100%, 64%
XYZ	17.7498, 25.0651, 38.0850
YIQ	107.6920, -93.8020, -29.1140

Conversions

Conversions Part 2

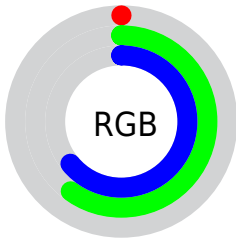
Format	Color
RYB	0, 78, 162
Decimal	39074
CIELab	57.14, -29.46, -14.81
CIELCh	57, 32.974, 206.698
Yxy	25.0651, 0.2194, 0.3098
Android (android.graphics.Color)	4278229154 (0xFF0098A2)
YUV	107.6920, 26.7738, -94.4459
Hunter-Lab	50.0651, -24.3294, -10.0570

Details

The XYZ color **17.7498, 25.0651, 38.0850** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **15.0095, 7.8991, 0.7343**, and the grayscale version is **14.1164, 14.8515, 16.1733**.

A 20% lighter version of the original color is **39.2508, 51.9107, 73.5967**, and **7.3716, 10.2401, 16.3399** is the 20% darker color. If you saturate the color by 10%, you get **17.7500, 25.0654, 38.0855**, and if you desaturate by 10%, it is **18.1308, 25.5040, 38.1501**.

Distribution



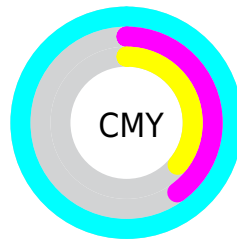
- Red (0%)
- Green (60%)
- Blue (64%)



- Red (0%)
- Yellow (31%)
- Blue (64%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7498, 25.0651, 38.0850 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 17.7498, 25.0651, 38.0850 by changing the saturation by 10% instead.

■ 17.7498, 25.0651,
38.0850

■ 17.7498, 25.0651,
38.0850

■ 232.5299,
278.1620, 353.2936

■ 10.8691, 16.1256,
25.7463

■ 39.1440, 51.7628,
73.4433

■ 6.0455, 9.6130,
16.4099

■ 54.3881, 70.2898,
97.2999

■ 2.9137, 5.1432,
9.6572

■ 73.1509, 92.7813,
125.8330

■ 1.1083, 2.3315,
5.0696

■ 95.7975, 119.6219,
159.4611

■ 0.0320, 0.7903,
2.2287

■ 122.6933,
151.1959, 198.6026

■ 0.0000, 0.0000,
0.6909

■ 154.2038,

■ 0.0000, 0.0000,

187.8876, 243.6762

0.0000

190.6942,
230.0815, 295.1003

■ 17.7498, 25.0651,
38.0850

■ 17.7498, 25.0651,
38.0850

■ 17.7500, 25.0654,
38.0855

■ 18.1308, 25.5040,
38.1501

■ 18.6866, 26.0346,
38.2232

■ 19.4920, 26.6958,
38.3084

■ 20.5790, 27.5043,
38.4072

■ 21.9746, 28.4739,
38.5208

■ 23.7028, 29.6170,
38.6503

■ 25.7852, 30.9448,
38.7969

■ 28.2415, 32.4674,
38.9613

■ 31.0901, 34.1943,
39.1445

Harmonies

Analogous

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



17.1128, 25.0651, 26.0772



17.7498, 25.0651, 38.0850



19.9505, 25.0651, 49.3807

Triad

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



17.7498, 25.0651, 38.0850



30.6337, 25.0651, 40.8145



24.2567, 25.0651, 11.0121

Complementary

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



17.7498, 25.0651, 38.0850



15.0095, 7.8991, 0.7343

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.



28.1682, 25.0651, 13.0238



17.7498, 25.0651, 38.0850



32.0931, 25.0651, 28.5432

Square

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



17.7498, 25.0651, 38.0850



27.3426, 25.0651, 51.2342



31.1456, 25.0651, 18.7584



20.6203, 25.0651, 12.2853

Rectangle

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



17.7498, 25.0651, 38.0850



22.1448, 25.0651, 53.8780



31.1456, 25.0651, 18.7584



25.5853, 25.0651, 11.3090

Sweetspot

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



17.7506, 25.0660, 38.0856



46.5705, 56.0266, 70.4158



12.9653, 25.8590, 4.5412



10.1042, 12.3584, 15.7904



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.



17.7506, 25.0660, 38.0856



32.1675, 45.3918, 69.1222



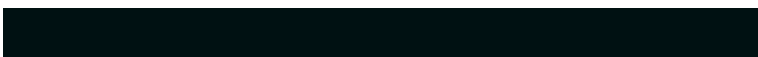
8.8989, 7.3626, 35.1350



7.2385, 7.9360, 9.0534



13.9953, 19.7700, 30.0081



0.3045, 0.4363, 0.6340

Inverse Universe

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



20.5685, 9.9491, 30.5430



37.3112, 18.0493, 55.2977



18.4823, 14.8449, 1.8919



7.3454, 7.1946, 8.8051



16.2096, 7.8399, 24.0923



0.3459, 0.1668, 0.5340

Previews

White Background



This preview shows how the XYZ color 17.7498, 25.0651, 38.0850 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 17.7498, 25.0651, 38.0850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

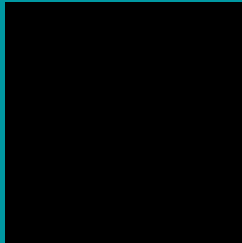
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.7498, 25.0651, 38.0850

Background



This preview shows how black text looks on a background with the XYZ color 17.7498, 25.0651, 38.0850.

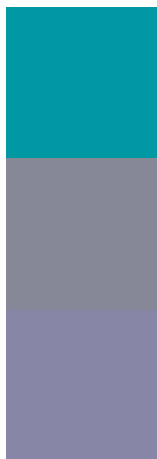


This preview shows how white text looks on a background with the XYZ color 17.7498, 25.0651,

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

17.7498, 25.0651, 38.0850

Protanopia

24.0814, 24.6306, 32.7631

Deuteranopia

25.3997, 24.9543, 39.5543



Tritanopia

18.0951, 25.2224, 39.0367

Trichromacy



Original Color

17.7498, 25.0651, 38.0850

Protanomaly

19.1876, 23.3476, 34.5056

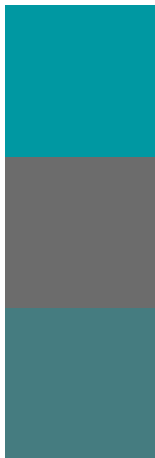
Deuteranomaly

20.1542, 23.7448, 39.1183

Tritanomaly

17.9392, 25.1524, 38.5597

Monochromacy



Original Color

17.7498, 25.0651, 38.0850

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.5582, 17.2390, 23.0349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7498, 25.0651, 38.0850 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, 152, 162)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 162)  
}
```

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, 152, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 162) }
```

Border

The CSS property to change the border of an element to XYZ 17.7498, 25.0651, 38.0850 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, 152, 162) }
```


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

```
.border{ border-color:rgb(0, 152, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 152, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 162);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7498, 25.0651, 38.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 162) }
```

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

```
.background{ background-color: rgb(0, 152,  
162) }
```

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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