

Converting Colors

XYZ(17.7297, 25.5979, 36.3113)

Have a look what the booklet for
XYZ(17.7297, 25.5979, 36.3113)
contains.

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Color

**XYZ(17.7272, 25.5798,
36.3508)**

Conversions

Conversions Part 1

Format	Color
Hex	009A9E
RGB	0, 154, 158
RGB Percent	0%, 60%, 62%
CMY	0.9999, 0.3961, 0.3804
CMYK	1.00, 0.03, 0.00, 0.38
HSL	182°, 100%, 31%
HSV	182°, 100%, 62%
XYZ	17.7272, 25.5798, 36.3508
YIQ	108.4100, -93.0680, -31.4040

Conversions

Conversions Part 2

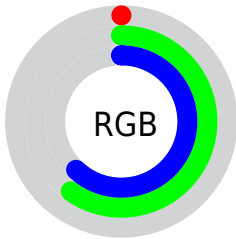
Format	Color
RYB	0, 78, 158
Decimal	39582
CIELab	57.64, -31.72, -11.79
CIELCh	58, 33.841, 200.381
Yxy	25.5798, 0.2225, 0.3211
Android (android.graphics.Color)	4278229662 (0xFF009A9E)
YUV	108.4100, 24.4479, -95.0756
Hunter-Lab	50.5765, -25.9441, -7.2099

Details

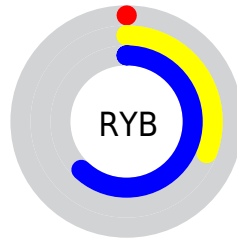
The XYZ color **17.7272, 25.5798, 36.3508** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **14.1447, 7.3568, 0.6754**, and the grayscale version is **14.3242, 15.0701, 16.4114**.

A 20% lighter version of the original color is **39.2243, 52.6803, 71.0518**, and **7.4052, 10.5643, 15.5587** is the 20% darker color. If you saturate the color by 10%, you get **17.7274, 25.5803, 36.3514**, and if you desaturate by 10%, it is **18.0045, 25.8215, 36.3833**.

Distribution



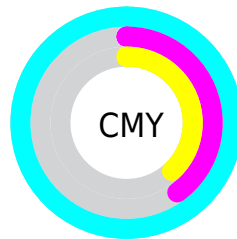
- Red (0%)
- Green (60%)
- Blue (62%)



- Red (0%)
- Yellow (31%)
- Blue (62%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7272, 25.5798, 36.3508 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 17.7272, 25.5798, 36.3508 by changing the saturation by 10% instead.

■ 17.7272, 25.5798,
36.3508

■ 17.7272, 25.5798,
36.3508

■ 232.4043,
280.7132, 345.5749

■ 10.8528, 16.5096,
24.4134

■ 39.1057, 52.5963,
70.7483

■ 6.0345, 9.8854,
15.4255

■ 54.3405, 71.3113,
94.0455

■ 2.9069, 5.3231,
8.9687

■ 73.0928, 94.0100,
121.9664

■ 1.1047, 2.4380,
4.6242

■ 95.7279, 121.0769,
154.9295

■ 0.0291, 0.8454,
1.9737

■ 122.6113,
152.8962, 193.3533

■ 0.0000, 0.0000,
0.5390

■ 154.1083,

■ 0.0000, 0.0000,

189.8525, 237.6565

0.0000

190.5841,
232.3300, 288.2575

■ 17.7272, 25.5798,
36.3508

■ 17.7272, 25.5798,
36.3508

■ 17.7274, 25.5803,
36.3514

■ 18.0045, 25.8215,
36.3833

■ 18.4444, 26.1467,
36.4229

■ 19.1190, 26.5933,
36.4736

■ 20.0582, 27.1767,
36.5366

■ 21.2876, 27.9099,
36.6134

■ 22.8297, 28.8047,
36.7048

■ 24.7046, 29.8714,
36.8119

■ 26.9310, 31.1196,
36.9355

■ 29.5261, 32.5582,
37.0764

Harmonies

Analogous

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



17.4231, 25.5798, 24.2937



17.7272, 25.5798, 36.3508



19.6832, 25.5798, 48.7720

Triad

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



17.7272, 25.5798, 36.3508



30.8088, 25.5798, 44.6055



25.6356, 25.5798, 11.1584

Complementary

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



17.7272, 25.5798, 36.3508



14.1447, 7.3568, 0.6754

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.



29.6168, 25.5798, 13.9773



17.7272, 25.5798, 36.3508



32.8146, 25.5798, 31.7420

Square

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



17.7272, 25.5798, 36.3508



27.1230, 25.5798, 54.3812



32.3557, 25.5798, 20.7934



21.7038, 25.5798, 11.7563

Rectangle

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



17.7272, 25.5798, 36.3508



21.7940, 25.5798, 54.5395



32.3557, 25.5798, 20.7934



27.0186, 25.5798, 11.6995

Sweetspot

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



17.7280, 25.5807, 36.3514



44.6384, 54.1188, 66.8367



12.2420, 24.4601, 4.1526



9.7453, 12.0206, 15.0502



76.7382, 80.7346, 87.9200



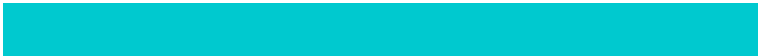
13.3056, 13.9985, 15.2444

Same Dimension

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



17.7280, 25.5807, 36.3514



32.1691, 46.4062, 66.0053



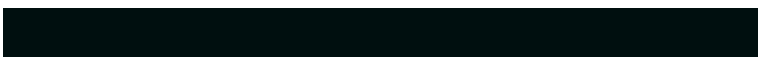
8.7830, 7.6908, 33.3698



6.8075, 7.4807, 8.4918



14.2022, 20.4960, 29.1148



0.2580, 0.3745, 0.5219

Inverse Universe

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



19.9340, 9.6031, 31.3757



36.1870, 17.4329, 56.9143



17.0919, 13.2511, 1.6578



6.8969, 6.7517, 8.3082



15.9668, 7.6913, 25.1401



0.2875, 0.1383, 0.4602

Previews

White Background



This preview shows how the XYZ color 17.7272, 25.5798, 36.3508 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 17.7272, 25.5798, 36.3508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

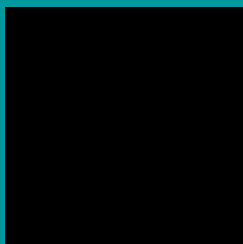
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

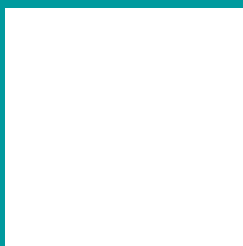
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.7272, 25.5798, 36.3508

Background



This preview shows how black text looks on a background with the XYZ color 17.7272, 25.5798, 36.3508.

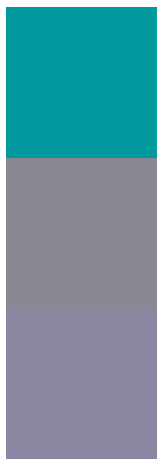


This preview shows how white text looks on a background with the XYZ color 17.7272, 25.5798,

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

17.7272, 25.5798, 36.3508

Protanopia

24.5286, 25.3163, 31.1975

Deuteranopia

25.6941, 25.1478, 37.6822



Tritanopia

18.5595, 25.6933, 39.5784

Trichromacy



Original Color

17.7272, 25.5798, 36.3508



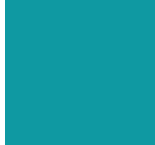
Protanomaly

19.3389, 23.9055, 32.8731



Deuteranomaly

19.9824, 23.6977, 37.2391



Tritanomaly

18.1098, 25.4927, 38.1485

Monochromacy



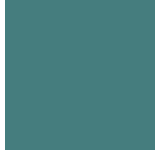
Original Color

17.7272, 25.5798, 36.3508



Achromatopsia

14.2537, 14.9960, 16.3306



Achromatomaly

13.5538, 17.4388, 22.3903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7272, 25.5798, 36.3508 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, 154, 158)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 158)  
}
```

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, 154, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 158) }
```

Border

The CSS property to change the border of an element to XYZ 17.7272, 25.5798, 36.3508 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, 154, 158) }
```


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

```
.border{ border-color:rgb(0, 154, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 154, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 158);  
box-shadow:4px 4px 4px 4px rgb(0, 154,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7272, 25.5798, 36.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 154, 158) }
```

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

```
.background{ background-color: rgb(0, 154,  
158) }
```

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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