

Converting Colors

XYZ(7.9193, 18.4187, 32.5546)

Have a look what the booklet for
XYZ(7.9193, 18.4187, 32.5546)
contains.

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Color

**XYZ(15.7113, 22.4852,
32.7902)**

Conversions

Conversions Part 1

Format	Color
Hex	009197
RGB	0, 145, 151
RGB Percent	0%, 57%, 59%
CMY	0.9999, 0.4314, 0.4078
CMYK	1.00, 0.04, 0.00, 0.41
HSL	182°, 100%, 30%
HSV	182°, 100%, 59%
XYZ	15.7113, 22.4852, 32.7902
YIQ	102.3290, -88.3460, -28.8740

Conversions

Conversions Part 2

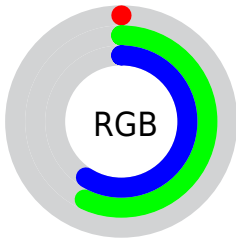
Format	Color
RYB	0, 74, 151
Decimal	37271
CIELab	54.54, -29.64, -12.44
CIElCh	55, 32.142, 202.770
Yxy	22.4852, 0.2213, 0.3168
Android (android.graphics.Color)	4278227351 (0xFF009197)
YUV	102.3290, 23.9948, -89.7425
Hunter-Lab	47.4186, -23.8397, -7.8064

Details

The XYZ color **15.7113, 22.4852, 32.7902** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **12.8281, 6.7101, 0.6196**, and the grayscale version is **12.6729, 13.3329, 14.5195**.

A 20% lighter version of the original color is **35.5627, 47.3785, 65.0282**, and **6.3030, 8.9255, 13.4472** is the 20% darker color. If you saturate the color by 10%, you get **15.7116, 22.4857, 32.7907**, and if you desaturate by 10%, it is **16.0026, 22.7723, 32.8307**.

Distribution



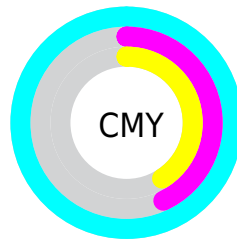
- Red (0%)
- Green (57%)
- Blue (59%)



- Red (0%)
- Yellow (29%)
- Blue (59%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (43%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7113, 22.4852, 32.7902 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 15.7113, 22.4852, 32.7902 by changing the saturation by 10% instead.

■ 15.7113, 22.4852,
32.7902

■ 15.7113, 22.4852,
32.7902

■ 220.9361,
265.0697, 329.3063

■ 9.4096, 14.2139,
21.6960

■ 35.6578, 47.5466,
65.1601

■ 5.0686, 8.2696,
13.4375

■ 50.0333, 65.1055,
87.2728

■ 2.3227, 4.2679,
7.5962

■ 67.8309, 86.5290,
113.8954

■ 0.8063, 1.8245,
3.7537

■ 89.4158, 112.2015,
145.4465

■ 0.0000, 0.5024,
1.4912

■ 115.1534,
142.5075, 182.3446

■ 0.0000, 0.0000,
0.2114

■ 145.4091,

■ 0.0000, 0.0000,

177.8312, 225.0083

0.0000

180.5482,
218.5572, 273.8560

■ 15.7113, 22.4852,
32.7902

■ 15.7113, 22.4852,
32.7902

■ 15.7116, 22.4857,
32.7907

■ 16.0026, 22.7723,
32.8307

■ 16.4379, 23.1339,
32.8775

■ 17.0853, 23.6055,
32.9345

■ 17.9713, 24.2009,
33.0027

■ 19.1187, 24.9318,
33.0833

■ 20.5476, 25.8085,
33.1772

■ 22.2761, 26.8403,
33.2852

■ 24.3208, 28.0359,
33.4083

■ 26.6970, 29.4032,
33.5469

Harmonies

Analogous

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



15.3281, 22.4852, 22.1201



15.7113, 22.4852, 32.7902



17.5275, 22.4852, 43.4186

Triad

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



15.7113, 22.4852, 32.7902



27.2351, 22.4852, 38.2044



22.2359, 22.4852, 9.8333

Complementary

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



15.7113, 22.4852, 32.7902



12.8281, 6.7101, 0.6196

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.



25.7400, 22.4852, 12.0512



15.7113, 22.4852, 32.7902



28.8253, 22.4852, 27.0075

Square

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



15.7113, 22.4852, 32.7902



24.1036, 22.4852, 47.0969



28.2501, 22.4852, 17.7119



18.8541, 22.4852, 10.5915

Rectangle

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



15.7113, 22.4852, 32.7902



19.4261, 22.4852, 48.0966



28.2501, 22.4852, 17.7119



23.4426, 22.4852, 10.2286

Sweetspot

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



15.7120, 22.4860, 32.7907



39.6873, 47.9454, 59.5963



11.0947, 22.1448, 3.8347



8.7355, 10.7282, 13.5278



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



15.7120, 22.4860, 32.7907



28.1044, 40.2028, 58.7123



7.8064, 6.6748, 30.1555



6.3635, 6.9845, 7.9417



13.3711, 19.1389, 27.8972



0.2055, 0.2973, 0.4189

Inverse Universe

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



17.8739, 8.6242, 27.5116



31.9925, 15.4373, 49.1811



15.6714, 12.3966, 1.5674



6.4506, 6.3194, 7.7531



15.2079, 7.3374, 23.4175



0.2302, 0.1108, 0.3649

Previews

White Background



This preview shows how the XYZ color 15.7113, 22.4852, 32.7902 looks on a white background.

Color Contrast Check

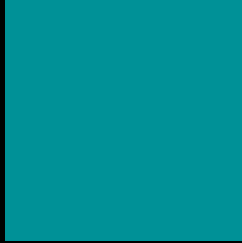
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7113, 22.4852, 32.7902 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

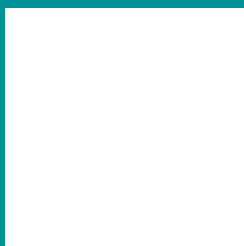
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7113, 22.4852, 32.7902

Background



This preview shows how black text looks on a background with the XYZ color 15.7113, 22.4852, 32.7902.



This preview shows how white text looks on a background with the XYZ color 15.7113, 22.4852,

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

15.7113, 22.4852, 32.7902

Protanopia

21.7112, 22.2907, 28.3575

Deuteranopia

22.7117, 22.2911, 34.1159



Tritanopia

16.2426, 22.4853, 34.9365

Trichromacy



Original Color

15.7113, 22.4852, 32.7902

Protanomaly

17.2545, 21.1661, 29.9641

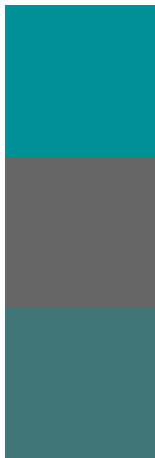
Deuteranomaly

17.9251, 21.2223, 33.7234

Tritanomaly

15.9576, 22.3578, 34.0463

Monochromacy



Original Color

15.7113, 22.4852, 32.7902

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.0486, 15.4368, 20.1139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7113, 22.4852, 32.7902 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, 145, 151)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 151)  
}
```

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, 145, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 151) }
```

Border

The CSS property to change the border of an element to XYZ 15.7113, 22.4852, 32.7902 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, 145, 151) }
```


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

```
.border{ border-color:rgb(0, 145, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 145, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 145, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 145, 151);  
box-shadow:4px 4px 4px 4px rgb(0, 145,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7113, 22.4852, 32.7902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 145, 151) }
```

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

```
.background{ background-color: rgb(0, 145,  
151) }
```

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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