

Converting Colors

XYZ(15.9099, 26.2068, 22.6064)

Have a look what the booklet for
XYZ(15.9099, 26.2068, 22.6064)
contains.

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Color

**XYZ(15.9110, 26.2014,
22.6311)**

Conversions

Conversions Part 1

Format	Color
Hex	009F7A
RGB	0, 159, 122
RGB Percent	0%, 62%, 48%
CMY	0.9999, 0.3765, 0.5216
CMYK	1.00, 0.00, 0.23, 0.38
HSL	166°, 100%, 31%
HSV	166°, 100%, 62%
XYZ	15.9110, 26.2014, 22.6311
YIQ	107.2410, -82.8870, -45.2150

Conversions

Conversions Part 2

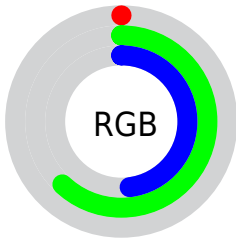
Format	Color
RYB	0, 90, 159
Decimal	40826
CIELab	58.23, -44.38, 9.51
CIELCh	58, 45.390, 167.909
Yxy	26.2014, 0.2458, 0.4047
Android (android.graphics.Color)	4278230906 (0xFF009F7A)
YUV	107.2410, 7.2762, -94.0504
Hunter-Lab	51.1873, -34.0931, 9.6176

Details

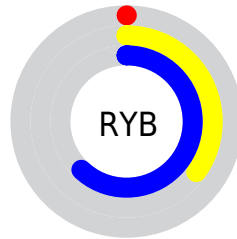
The XYZ color **15.9110, 26.2014, 22.6311** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **14.6330, 7.5053, 2.4292**, and the grayscale version is **14.0407, 14.7719, 16.0866**.

A 20% lighter version of the original color is **36.0602, 53.7807, 48.5245**, and **6.3566, 10.7891, 8.0508** is the 20% darker color. If you saturate the color by 10%, you get **15.9112, 26.2022, 22.6304**, and if you desaturate by 10%, it is **16.3575, 26.4052, 23.8725**.

Distribution



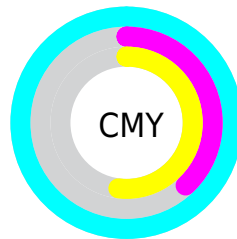
- Red (0%)
- Green (62%)
- Blue (48%)



- Red (0%)
- Yellow (35%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9110, 26.2014, 22.6311 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 15.9110, 26.2014, 22.6311 by changing the saturation by 10% instead.

■ 15.9110, 26.2014,
22.6311

■ 15.9110, 26.2014,
22.6311

222.0967,
283.7693, 278.8848

■ 9.5516, 16.9744,
14.1186

■ 36.0023, 53.5997,
48.7024

■ 5.1627, 10.2162,
8.0635

■ 50.4650, 72.5397,
67.0982

■ 2.3788, 5.5426,
4.0473

■ 68.3595, 95.4862,
89.6257

■ 0.8345, 2.5690,
1.6513

■ 90.0512, 122.8235,
116.7032

■ 0.0000, 0.9111,
0.3270

■ 115.9054,
154.9361, 148.7493

■ 0.0000, 0.0000,
0.0000

■ 146.2875,

192.2084, 186.1826

181.5628,
235.0246, 229.4216

■ 15.9110, 26.2014,
22.6311

■ 15.9110, 26.2014,
22.6311

■ 15.9112, 26.2022,
22.6304

■ 16.3575, 26.4052,
23.8725

■ 16.9778, 26.6970,
25.1676

■ 17.8450, 27.1150,
26.5208

■ 18.9894, 27.6749,
27.9340

■ 20.4372, 28.3901,
29.4089

■ 22.2112, 29.2724,
30.9470

■ 24.3321, 30.3325,
32.5499

■ 26.8189, 31.5801,
34.2187

■ 29.6891, 33.0243,
35.9548

Harmonies

Analogous

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



17.8374, 26.2014, 12.6356



15.9110, 26.2014, 22.6311



16.1184, 26.2014, 38.9179

Triad

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



15.9110, 26.2014, 22.6311



28.3071, 26.2014, 68.2572



32.7053, 26.2014, 11.4118

Complementary

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



15.9110, 26.2014, 22.6311



14.6330, 7.5053, 2.4292

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.



36.4118, 26.2014, 20.1758



15.9110, 26.2014, 22.6311



33.6260, 26.2014, 54.0967

Square

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



15.9110, 26.2014, 22.6311



22.7488, 26.2014, 69.6934



36.7716, 26.2014, 35.3714



27.1905, 26.2014, 7.9511

Rectangle

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



15.9110, 26.2014, 22.6311



17.4422, 26.2014, 51.5380



36.7716, 26.2014, 35.3714



34.2371, 26.2014, 13.6477

Sweetspot

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



15.9117, 26.2024, 22.6317



43.3367, 54.2015, 58.1218



13.1657, 25.1926, 4.1693



9.4162, 12.0426, 12.8440



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.



15.9117, 26.2024, 22.6317



28.4168, 46.8930, 40.1178



12.5740, 15.1345, 35.0606



6.7558, 7.4831, 8.1485



12.5833, 20.7013, 17.9607



0.2399, 0.3761, 0.3995

Inverse Universe

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



14.6330, 7.5053, 2.4292



26.1415, 13.4147, 4.0155



15.1414, 9.0566, 0.9506



6.6932, 6.6702, 7.2354



11.5709, 5.9329, 1.9914



0.2214, 0.1119, 0.1122

Previews

White Background



This preview shows how the XYZ color 15.9110, 26.2014, 22.6311 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 15.9110, 26.2014, 22.6311 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 15.9110, 26.2014, 22.6311

Background



This preview shows how black text looks on a background with the XYZ color 15.9110, 26.2014, 22.6311.

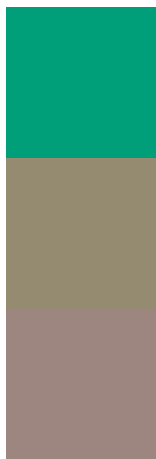


This preview shows how white text looks on a background with the XYZ color 15.9110, 26.2014,

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

15.9110, 26.2014, 22.6311

Protanopia

24.3700, 25.9310, 19.0500

Deuteranopia

26.2605, 25.7506, 23.6650



Tritanopia

19.5896, 26.2137, 40.1037

Trichromacy



Original Color

15.9110, 26.2014, 22.6311

Protanomaly

18.0474, 24.1984, 20.2426

Deuteranomaly

18.7797, 23.8349, 23.0128

Tritanomaly

17.8220, 25.9518, 32.9240

Monochromacy



Original Color

15.9110, 26.2014, 22.6311

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

12.7694, 17.3205, 17.9994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9110, 26.2014, 22.6311 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 122) }
```

Border

The CSS property to change the border of an element to XYZ 15.9110, 26.2014, 22.6311 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, 122) }
```


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

```
.border{ border-color:rgb(0, 159, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 122);  
box-shadow:4px 4px 4px 4px rgb(0, 159,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9110, 26.2014, 22.6311 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, 122) }
```

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

```
.background{ background-color: rgb(0, 159,  
122) }
```

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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