

Converting Colors

XYZ(15.9986, 24.9746, 26.9827)

Have a look what the booklet for
XYZ(15.9986, 24.9746, 26.9827)
contains.

XYZ(15.9288, 24.8605, 26.8807)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.9288, 24.8605,
26.8807)**

Conversions

Conversions Part 1

Format	Color
Hex	009A87
RGB	0, 154, 135
RGB Percent	0%, 60%, 53%
CMY	0.9999, 0.3961, 0.4706
CMYK	1.00, 0.00, 0.12, 0.40
HSL	173°, 100%, 30%
HSV	173°, 100%, 60%
XYZ	15.9288, 24.8605, 26.8807
YIQ	105.7880, -85.6850, -38.5570

Conversions

Conversions Part 2

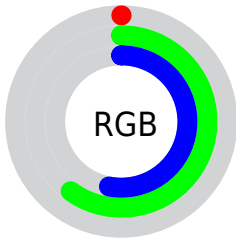
Format	Color
RYB	0, 82, 154
Decimal	39559
CIELab	56.94, -38.73, 0.29
CIELCh	57, 38.727, 179.568
Yxy	24.8605, 0.2354, 0.3674
Android (android.graphics.Color)	4278229639 (0xFF009A87)
YUV	105.7880, 14.4015, -92.7761
Hunter-Lab	49.8603, -30.2304, 2.9378

Details

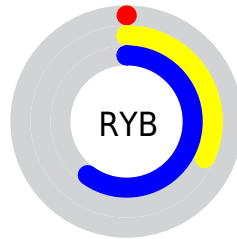
The XYZ color **15.9288, 24.8605, 26.8807** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **13.4448, 6.9178, 1.2437**, and the grayscale version is **13.6221, 14.3315, 15.6071**.

A 20% lighter version of the original color is **35.9974, 51.3556, 55.5923**, and **6.3911, 10.1586, 10.2183** is the 20% darker color. If you saturate the color by 10%, you get **15.9291, 24.8613, 26.8804**, and if you desaturate by 10%, it is **16.2682, 25.0205, 27.6019**.

Distribution



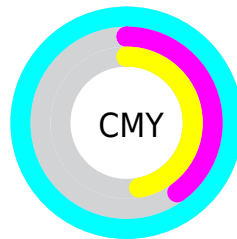
- Red (0%)
- Green (60%)
- Blue (53%)



- Red (0%)
- Yellow (32%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9288, 24.8605, 26.8807 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 15.9288, 24.8605, 26.8807 by changing the saturation by 10% instead.

■ 15.9288, 24.8605,
26.8807

■ 15.9288, 24.8605,
26.8807

■ 222.1999,
277.1425, 300.8209

■ 9.5643, 15.9732,
17.2520

■ 36.0330, 51.4308,
55.6938

■ 5.1711, 9.5052,
10.2505

■ 50.5034, 69.8826,
75.7152

■ 2.3838, 5.0721,
5.4576

■ 68.4065, 92.2913,
100.0380

■ 0.8370, 2.2896,
2.4548

■ 90.1077, 119.0413,
129.0807

■ 0.0000, 0.7682,
0.8160

■ 115.9722,
150.5170, 163.2618

■ 0.0000, 0.0000,
0.0000

■ 146.3656,

187.1029, 202.9998

181.6530,
229.1833, 248.7133

■ 15.9288, 24.8605,
26.8807

■ 15.9288, 24.8605,
26.8807

■ 15.9291, 24.8613,
26.8804

■ 16.2682, 25.0205,
27.6019

■ 16.7614, 25.2588,
28.3423

■ 17.4783, 25.6122,
29.1058

■ 18.4468, 26.0951,
29.8937

■ 19.6908, 26.7197,
30.7072

■ 21.2316, 27.4970,
31.5474

■ 23.0880, 28.4367,
32.4152

■ 25.2776, 29.5479,
33.3115

■ 27.8165, 30.8389,
34.2371

Harmonies

Analogous

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



16.8715, 24.8605, 16.2751



15.9288, 24.8605, 26.8807



16.8190, 24.8605, 41.3793

Triad

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



15.9288, 24.8605, 26.8807



28.2052, 24.8605, 55.1661



28.3338, 24.8605, 10.7250

Complementary

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



15.9288, 24.8605, 26.8807



13.4448, 6.9178, 1.2437

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.



32.0668, 24.8605, 16.5089



15.9288, 24.8605, 26.8807



31.9861, 24.8605, 41.8143

Square

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



15.9288, 24.8605, 26.8807



23.5634, 24.8605, 60.5672



33.4806, 24.8605, 27.2579



23.6951, 24.8605, 8.9721

Rectangle

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



15.9288, 24.8605, 26.8807



18.4064, 24.8605, 50.9148



33.4806, 24.8605, 27.2579



29.7567, 24.8605, 12.1469

Sweetspot

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



15.9295, 24.8614, 26.8813



41.7155, 51.5421, 58.7845



11.8559, 23.2666, 3.8666



9.1295, 11.5080, 13.1643



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.



15.9295, 24.8614, 26.8813



28.8868, 45.1415, 48.5724



10.1581, 10.9832, 32.1575



6.3518, 7.0134, 7.7758



12.9863, 20.2580, 21.9460



0.2022, 0.3061, 0.3704

Inverse Universe

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



13.4448, 6.9178, 1.2437



24.3825, 12.5495, 2.0489



14.7645, 9.7454, 1.1034



6.2383, 6.2345, 6.6349



10.9610, 5.6386, 1.0536



0.1709, 0.0871, 0.0530

Previews

White Background



This preview shows how the XYZ color 15.9288, 24.8605, 26.8807 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 15.9288, 24.8605, 26.8807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

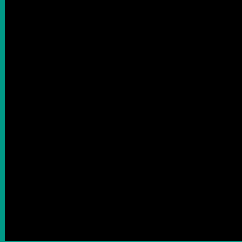
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.9288, 24.8605, 26.8807

Background



This preview shows how black text looks on a background with the XYZ color 15.9288, 24.8605, 26.8807.

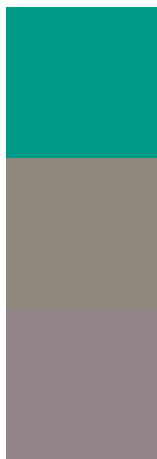


This preview shows how white text looks on a background with the XYZ color 15.9288, 24.8605,

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

15.9288, 24.8605, 26.8807

Protanopia

23.3501, 24.4713, 22.8948

Deuteranopia

25.0175, 24.5990, 28.2405



Tritanopia

18.3424, 24.8927, 38.0205

Trichromacy



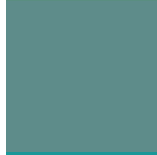
Original Color

15.9288, 24.8605, 26.8807



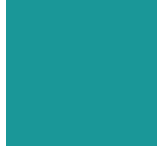
Protanomaly

17.8519, 23.1046, 24.2876



Deuteranomaly

18.5816, 22.9708, 27.4992



Tritanomaly

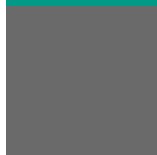
17.1601, 24.6198, 33.5534

Monochromacy



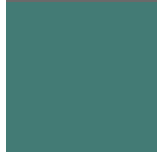
Original Color

15.9288, 24.8605, 26.8807



Achromatopsia

13.6994, 14.4128, 15.6956



Achromatomaly

12.6086, 16.6436, 19.3776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9288, 24.8605, 26.8807 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 135) }
```

Border

The CSS property to change the border of an element to XYZ 15.9288, 24.8605, 26.8807 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, 135) }
```


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

```
.border{ border-color:rgb(0, 154, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 154,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9288, 24.8605, 26.8807 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, 135) }
```

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

```
.background{ background-color: rgb(0, 154,  
135) }
```

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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