

Converting Colors

XYZ(19.0499, 26.6415, 41.6744)

Have a look what the booklet for
XYZ(19.0499, 26.6415, 41.6744)
contains.

XYZ(19.0499, 26.6415, 41.6744)	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(19.0499, 26.6415,
41.6744)**

Conversions

Conversions Part 1

Format	Color
Hex	009CA9
RGB	0, 156, 169
RGB Percent	0%, 61%, 66%
CMY	0.9999, 0.3882, 0.3373
CMYK	1.00, 0.08, 0.00, 0.34
HSL	185°, 100%, 33%
HSV	185°, 100%, 66%
XYZ	19.0499, 26.6415, 41.6744
YIQ	110.8380, -97.1490, -29.0290

Conversions

Conversions Part 2

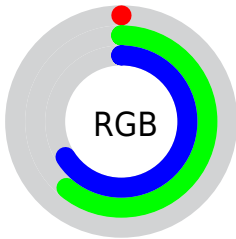
Format	Color
R_{YB}	0, 81, 169
Decimal	40105
CIE _{Lab}	58.64, -29.12, -16.52
CIE _{LCh}	59, 33.479, 209.567
Yxy	26.6415, 0.2180, 0.3049
Android (android.graphics.Color)	4278230185 (0xFF009CA9)
YUV	110.8380, 28.6739, -97.2049
Hunter-Lab	51.6154, -24.4473, -11.7401

Details

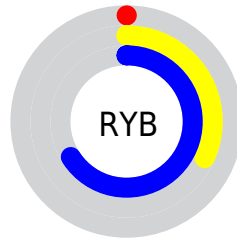
The XYZ color **19.0499, 26.6415, 41.6744** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **16.5069, 8.7238, 0.8147**, and the grayscale version is **15.0052, 15.7866, 17.1917**.

A 20% lighter version of the original color is **41.3649, 54.3500, 78.8315**, and **8.1612, 11.1850, 18.5584** is the 20% darker color. If you saturate the color by 10%, you get **19.0500, 26.6415, 41.6749**, and if you desaturate by 10%, it is **19.4996, 27.1995, 41.7589**.

Distribution



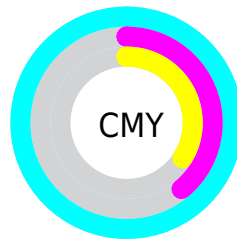
- Red (0%)
- Green (61%)
- Blue (66%)



- Red (0%)
- Yellow (32%)
- Blue (66%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (39%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0499, 26.6415, 41.6744 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 19.0499, 26.6415, 41.6744 by changing the saturation by 10% instead.

■ 19.0499, 26.6415,
41.6744

■ 19.0499, 26.6415,
41.6744

■ 239.6569,
285.9171, 368.8912

■ 11.8106, 17.3042,
28.5228

■ 41.3346, 54.3081,
78.9714

■ 6.6861, 10.4516,
18.4776

■ 57.1107, 73.4061,
103.9538

■ 3.3111, 5.6994,
11.1205

■ 76.4631, 96.5264,
133.7168

■ 1.3204, 2.6632,
6.0327

■ 99.7571, 124.0535,
168.6791

■ 0.1984, 0.9585,
2.7959

■ 127.3582,
156.3717, 209.2592

■ 0.0000, 0.0000,
0.9914

■ 159.6316,

■ 0.0000, 0.0000,

193.8655, 255.8755

0.0000

196.9427,
236.9191, 308.9467

■ 19.0499, 26.6415,
41.6744

■ 19.0499, 26.6415,
41.6744

■ 19.0500, 26.6415,
41.6749

■ 19.4996, 27.1995,
41.7589

■ 20.1455, 27.8616,
41.8527

■ 21.0672, 28.6693,
41.9600

■ 22.3001, 29.6410,
42.0826

■ 23.8745, 30.7922,
42.2218

■ 25.8170, 32.1367,
42.3789

■ 28.1516, 33.6869,
42.5551

■ 30.9001, 35.4540,
42.7513

■ 34.0830, 37.4486,
42.9685

Harmonies

Analogous

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



18.2112, 26.6415, 28.8372



19.0499, 26.6415, 41.6744



21.5252, 26.6415, 53.2338

Triad

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



19.0499, 26.6415, 41.6744



32.7676, 26.6415, 42.0531



25.3818, 26.6415, 11.7481

Complementary

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



19.0499, 26.6415, 41.6744



16.5069, 8.7238, 0.8147

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.



29.5408, 26.6415, 13.5392



19.0499, 26.6415, 41.6744



34.0777, 26.6415, 29.1796

Square

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



19.0499, 26.6415, 41.6744



29.4262, 26.6415, 53.4908



32.8386, 26.6415, 19.2097



21.6182, 26.6415, 13.4364

Rectangle

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



19.0499, 26.6415, 41.6744



23.9172, 26.6415, 57.4551



32.8386, 26.6415, 19.2097



26.7806, 26.6415, 11.9538

Sweetspot

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



19.0507, 26.6425, 41.6751



50.1661, 60.1664, 76.1943



14.2507, 28.4014, 5.0566



10.5514, 12.8618, 16.5786



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



19.0507, 26.6425, 41.6751



34.0471, 47.5731, 74.6131



9.5610, 7.6630, 38.5118



7.6974, 8.4318, 9.6401



14.2152, 19.8907, 31.0656



0.3599, 0.5120, 0.7605

Inverse Universe

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



22.3637, 10.8362, 32.3663



40.0153, 19.3913, 57.7778



20.5255, 16.7610, 2.1543



7.8166, 7.6565, 9.3516



16.6758, 8.0790, 24.1681



0.4128, 0.1994, 0.6253

Previews

White Background



This preview shows how the XYZ color 19.0499, 26.6415, 41.6744 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 19.0499, 26.6415, 41.6744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

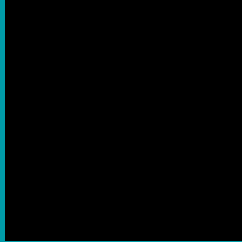
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.0499, 26.6415, 41.6744

Background



This preview shows how black text looks on a background with the XYZ color 19.0499, 26.6415, 41.6744.

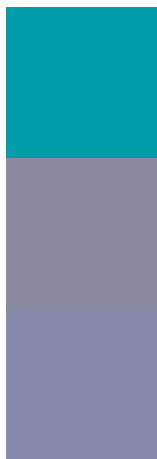


This preview shows how white text looks on a background with the XYZ color 19.0499, 26.6415,

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

19.0499, 26.6415, 41.6744

Protanopia

25.8854, 26.3371, 36.0670

Deuteranopia

26.8050, 26.2268, 43.1847



Tritanopia

19.0499, 26.6415, 41.6744

Trichromacy



Original Color

19.0499, 26.6415, 41.6744

Protanomaly

20.6715, 24.9341, 37.9057

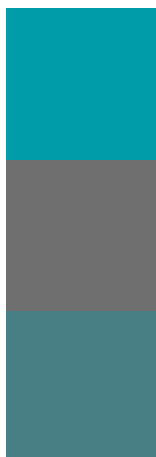
Deuteranomaly

21.3501, 24.9513, 42.7205

Tritanomaly

19.0499, 26.6415, 41.6744

Monochromacy



Original Color

19.0499, 26.6415, 41.6744

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.3528, 18.1843, 24.5832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0499, 26.6415, 41.6744 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, 156, 169)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 169)  
}
```

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, 156, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 169) }
```

Border

The CSS property to change the border of an element to XYZ 19.0499, 26.6415, 41.6744 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, 156, 169) }
```


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

```
.border{ border-color:rgb(0, 156, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 156, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 169);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0499, 26.6415, 41.6744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 169) }
```

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

```
.background{ background-color: rgb(0, 156,  
169) }
```

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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