

Converting Colors

XYZ(7.3722, 20.8367, 40.9458)

Have a look what the booklet for
XYZ(7.3722, 20.8367, 40.9458)
contains.

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Color

**XYZ(19.2184, 26.9785,
41.7306)**

Conversions

Conversions Part 1

Format	Color
Hex	009DA9
RGB	0, 157, 169
RGB Percent	0%, 62%, 66%
CMY	0.9999, 0.3843, 0.3373
CMYK	1.00, 0.07, 0.00, 0.34
HSL	184°, 100%, 33%
HSV	184°, 100%, 66%
XYZ	19.2184, 26.9785, 41.7306
YIQ	111.4250, -97.4240, -29.5520

Conversions

Conversions Part 2

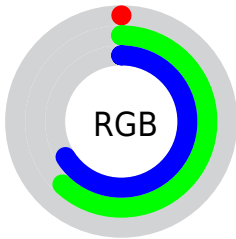
Format	Color
R_{YB}	0, 81, 169
Decimal	40361
CIE _{Lab}	58.95, -29.61, -16.04
CIE _{LCh}	59, 33.678, 208.452
Yxy	26.9785, 0.2186, 0.3068
Android (android.graphics.Color)	4278230441 (0xFF009DA9)
YUV	111.4250, 28.3845, -97.7197
Hunter-Lab	51.9408, -24.8505, -11.2765

Details

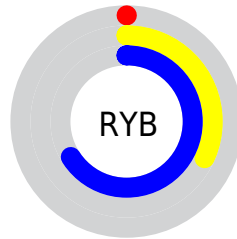
The XYZ color **19.2184, 26.9785, 41.7306** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **16.4944, 8.6989, 0.8106**, and the grayscale version is **15.1762, 15.9665, 17.3875**.

A 20% lighter version of the original color is **41.6141, 54.8485, 78.9145**, and **8.2625, 11.3875, 18.5922** is the 20% darker color. If you saturate the color by 10%, you get **19.2185, 26.9786, 41.7311**, and if you desaturate by 10%, it is **19.6529, 27.5059, 41.8100**.

Distribution



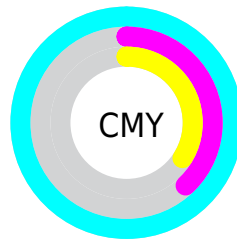
- Red (0%)
- Green (62%)
- Blue (66%)



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



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (38%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2184, 26.9785, 41.7306 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 19.2184, 26.9785, 41.7306 by changing the saturation by 10% instead.

■ 19.2184, 26.9785,
41.7306

■ 19.2184, 26.9785,
41.7306

■ 240.5668,
287.5530, 369.1316

■ 11.9331, 17.5571,
28.5664

■ 41.6168, 54.8494,
79.0574

■ 6.7700, 10.6325,
18.5103

■ 57.4607, 74.0676,
104.0571

■ 3.3637, 5.8203,
11.1438

■ 76.8882, 97.3202,
133.8391

■ 1.3489, 2.7361,
6.0482

■ 100.2646,
124.9916, 168.8218

■ 0.2194, 0.9956,
2.8052

■ 127.9553,
157.4662, 209.4239

■ 0.0000, 0.0000,
0.9960

■ 160.3257,

■ 0.0000, 0.0000,

195.1284, 256.0639

0.0000

197.7411,
238.3625, 309.1603

■ 19.2184, 26.9785,
41.7306

■ 19.2184, 26.9785,
41.7306

■ 19.2185, 26.9786,
41.7311

■ 19.6529, 27.5059,
41.8100

■ 20.2831, 28.1367,
41.8986

■ 21.1888, 28.9125,
42.0006

■ 22.4053, 29.8515,
42.1177

■ 23.9631, 30.9694,
42.2514

■ 25.8885, 32.2798,
42.4028

■ 28.2057, 33.7952,
42.5732

■ 30.9365, 35.5269,
42.7635

■ 34.1013, 37.4853,
42.9747

Harmonies

Analogous

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



18.4327, 26.9785, 28.7588



19.2184, 26.9785, 41.7306



21.6714, 26.9785, 53.6140

Triad

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



19.2184, 26.9785, 41.7306



33.1009, 26.9785, 43.1036



25.8595, 26.9785, 11.8792

Complementary

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



19.2184, 26.9785, 41.7306



16.4944, 8.6989, 0.8106

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.



30.0708, 26.9785, 13.8287



19.2184, 26.9785, 41.7306



34.5224, 26.9785, 29.9999

Square

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



19.2184, 26.9785, 41.7306



29.6554, 26.9785, 54.5461



33.3584, 26.9785, 19.7361



22.0085, 26.9785, 13.4566

Rectangle

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



19.2184, 26.9785, 41.7306



24.0702, 26.9785, 58.1090



33.3584, 26.9785, 19.7361



27.2813, 26.9785, 12.1306

Sweetspot

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



19.2193, 26.9795, 41.7313



50.2649, 60.3640, 76.2273



14.2507, 28.4014, 5.0566



10.5757, 12.9103, 16.5867



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.



19.2193, 26.9795, 41.7313



34.3538, 48.1864, 74.7154



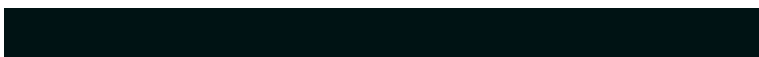
9.5610, 7.6629, 38.5118



7.7013, 8.4395, 9.6414



14.3396, 20.1395, 31.1070



0.3619, 0.5160, 0.7612

Inverse Universe

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



22.4487, 10.8702, 32.8142



40.1701, 19.4532, 58.5929



20.5255, 16.7609, 2.1542



7.8186, 7.6573, 9.3618



16.7386, 8.1041, 24.4987



0.4138, 0.1998, 0.6307

Previews

White Background



This preview shows how the XYZ color 19.2184, 26.9785, 41.7306 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 19.2184, 26.9785, 41.7306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

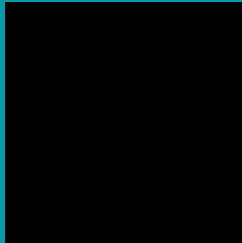
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.2184, 26.9785, 41.7306

Background



This preview shows how black text looks on a background with the XYZ color 19.2184, 26.9785, 41.7306.

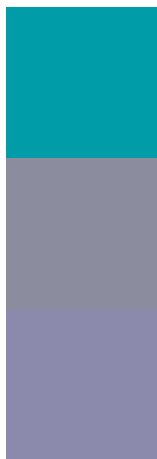


This preview shows how white text looks on a background with the XYZ color 19.2184, 26.9785,

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

19.2184, 26.9785, 41.7306

Protanopia

26.1971, 26.7138, 36.1233

Deuteranopia

27.2788, 26.6831, 43.2478



Tritanopia

19.4128, 27.0678, 42.2317

Trichromacy



Original Color

19.2184, 26.9785, 41.7306

Protanomaly

20.8250, 25.2411, 37.9568

Deuteranomaly

21.5963, 25.3041, 42.7757

Tritanomaly

19.3753, 27.0485, 42.2299

Monochromacy



Original Color

19.2184, 26.9785, 41.7306

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.4826, 18.4439, 24.6265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2184, 26.9785, 41.7306 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, 157, 169)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 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, 157, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 169) }
```

Border

The CSS property to change the border of an element to XYZ 19.2184, 26.9785, 41.7306 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, 157, 169) }
```


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

```
.border{ border-color:rgb(0, 157, 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, 157, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 169);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2184, 26.9785, 41.7306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 169) }
```

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

```
.background{ background-color: rgb(0, 157,  
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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