

Converting Colors

XYZ(17.1945, 30.5537, 26.3647)

Have a look what the booklet for
XYZ(17.1945, 30.5537, 26.3647)
contains.

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Color

**XYZ(19.0403, 31.5258,
26.5543)**

Conversions

Conversions Part 1

Format	Color
Hex	00AD83
RGB	0, 173, 131
RGB Percent	0%, 68%, 51%
CMY	0.9999, 0.3216, 0.4863
CMYK	1.00, 0.00, 0.24, 0.32
HSL	165°, 100%, 34%
HSV	165°, 100%, 68%
XYZ	19.0403, 31.5258, 26.5543
YIQ	116.4850, -89.6260, -49.7380

Conversions

Conversions Part 2

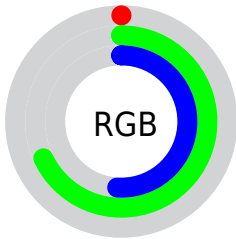
Format	Color
RYB	0, 98, 173
Decimal	44419
CIELab	62.95, -47.74, 11.16
CIELCh	63, 49.025, 166.838
Yxy	31.5258, 0.2469, 0.4088
Android (android.graphics.Color)	4278234499 (0xFF00AD83)
YUV	116.4850, 7.1559, -102.1573
Hunter-Lab	56.1478, -37.7276, 11.2632

Details

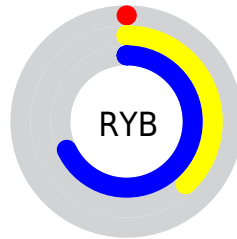
The XYZ color **19.0403, 31.5258, 26.5543** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **17.6526, 9.0523, 3.0092**, and the grayscale version is **16.7499, 17.6222, 19.1906**.

A 20% lighter version of the original color is **41.1852, 61.8265, 55.1104**, and **8.1198, 13.8028, 10.2189** is the 20% darker color. If you saturate the color by 10%, you get **19.0406, 31.5268, 26.5534**, and if you desaturate by 10%, it is **19.5684, 31.7653, 28.0963**.

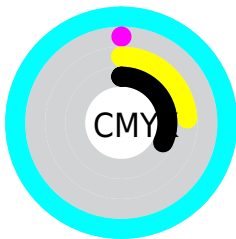
Distribution



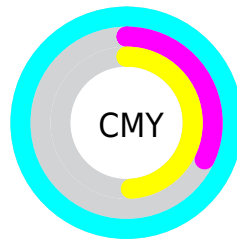
- Red (0%)
- Green (68%)
- Blue (51%)



- Red (0%)
- Yellow (38%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0403, 31.5258, 26.5543 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 19.0403, 31.5258, 26.5543 by changing the saturation by 10% instead.

■ 19.0403, 31.5258,
26.5543

■ 19.0403, 31.5258,
26.5543

239.6050,
308.9534, 299.1842

■ 11.8036, 20.9996,
17.0093

■ 41.3185, 62.0670,
55.1628

■ 6.6813, 13.1237,
10.0791

■ 57.0908, 82.8506,
75.0635

■ 3.3082, 7.5138,
5.3451

■ 76.4389, 107.8223,
99.2530

■ 1.3187, 3.7854,
2.3889

■ 99.7282, 137.3663,
128.1501

■ 0.1972, 1.5543,
0.7804

■ 127.3241,
171.8670, 162.1732

■ 0.0000, 0.3265,
0.0000

■ 159.5920,

■ 0.0000, 0.0000,

211.7088, 201.7409

0.0000

196.8972,
257.2761, 247.2717

■ 19.0403, 31.5258,
26.5543

■ 19.0403, 31.5258,
26.5543

■ 19.0406, 31.5268,
26.5534

■ 19.5684, 31.7653,
28.0963

■ 20.3141, 32.1147,
29.7088

■ 21.3599, 32.6176,
31.3969

■ 22.7437, 33.2933,
33.1632

■ 24.4977, 34.1585,
35.0097

■ 26.6503, 35.2277,
36.9386

■ 29.2268, 36.5141,
38.9515

■ 32.2508, 38.0297,
41.0503

■ 35.7437, 39.7856,
43.2365

Harmonies

Analogous

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



21.4759, 31.5258, 14.6922



19.0403, 31.5258, 26.5543



19.1996, 31.5258, 46.2293

Triad

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



19.0403, 31.5258, 26.5543



33.8743, 31.5258, 83.4692



39.7251, 31.5258, 13.7575

Complementary

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



19.0403, 31.5258, 26.5543



17.6526, 9.0523, 3.0092

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.



44.1474, 31.5258, 24.6647



19.0403, 31.5258, 26.5543



40.4381, 31.5258, 66.4622

Square

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



19.0403, 31.5258, 26.5543



27.1110, 31.5258, 84.5874



44.4263, 31.5258, 43.4835



33.0111, 31.5258, 9.3963

Rectangle

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



19.0403, 31.5258, 26.5543



20.7487, 31.5258, 61.7105



44.4263, 31.5258, 43.4835



41.5701, 31.5258, 16.5455

Sweetspot

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



19.0412, 31.5270, 26.5550



52.0754, 65.2595, 69.5613



15.9516, 30.4075, 5.0290



10.8923, 13.9700, 14.7951



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



19.0412, 31.5270, 26.5550



34.0109, 56.4256, 47.0867



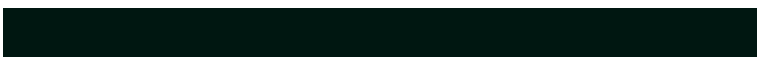
15.4936, 18.9180, 42.3715



8.1519, 9.0383, 9.8251



14.0110, 23.1697, 19.6295



0.4096, 0.6525, 0.6503

Inverse Universe

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



17.6526, 9.0523, 3.0092



31.5419, 16.1822, 5.0111



18.1078, 10.6316, 1.0983



8.0820, 8.0461, 8.7427



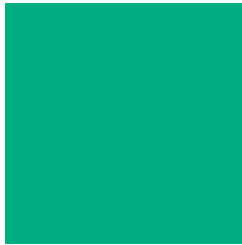
12.9872, 6.6574, 2.3123



0.3827, 0.1938, 0.1772

Previews

White Background



This preview shows how the XYZ color 19.0403, 31.5258, 26.5543 looks on a white background.

Color Contrast Check

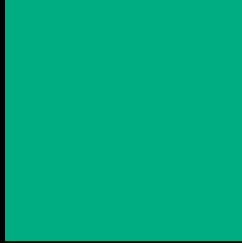
Large Text (above 18pt) WCAG AA × Fail

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 19.0403, 31.5258, 26.5543 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 ✓ Pass

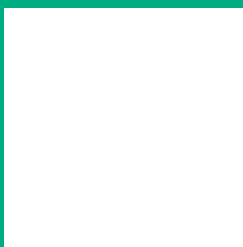
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0403, 31.5258, 26.5543

Background



This preview shows how black text looks on a background with the XYZ color 19.0403, 31.5258, 26.5543.

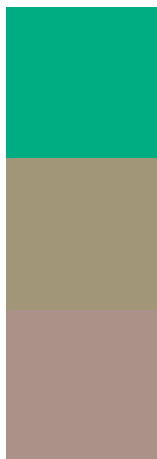


This preview shows how white text looks on a background with the XYZ color 19.0403, 31.5258,

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

19.0403, 31.5258, 26.5543

Protanopia

29.1547, 31.0664, 22.2291

Deuteranopia

31.5888, 31.0218, 27.9898



Tritanopia

23.6325, 31.7449, 48.0618

Trichromacy



Original Color

19.0403, 31.5258, 26.5543



Protanomaly

21.5157, 29.0763, 23.5471



Deuteranomaly

22.5683, 28.7774, 27.2868



Tritanomaly

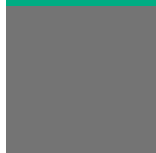
21.4027, 31.3419, 39.1040

Monochromacy



Original Color

19.0403, 31.5258, 26.5543



Achromatopsia

16.6002, 17.4647, 19.0191



Achromatomaly

15.2209, 20.7276, 21.2878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0403, 31.5258, 26.5543 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, 173, 131)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 131)  
}
```

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, 173, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 131) }
```

Border

The CSS property to change the border of an element to XYZ 19.0403, 31.5258, 26.5543 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, 173, 131) }
```


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

```
.border{ border-color:rgb(0, 173, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 173, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 131);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0403, 31.5258, 26.5543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 131) }
```

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

```
.background{ background-color: rgb(0, 173,  
131) }
```

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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