

Converting Colors

XYZ(19.0527, 31.6537, 26.2408)

Have a look what the booklet for
XYZ(19.0527, 31.6537, 26.2408)
contains.

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Color

**XYZ(18.9728, 31.4988,
26.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	00AD82
RGB	0, 173, 130
RGB Percent	0%, 68%, 51%
CMY	0.9999, 0.3216, 0.4902
CMYK	1.00, 0.00, 0.25, 0.32
HSL	165°, 100%, 34%
HSV	165°, 100%, 68%
XYZ	18.9728, 31.4988, 26.1990
YIQ	116.3710, -89.3050, -50.0490

Conversions

Conversions Part 2

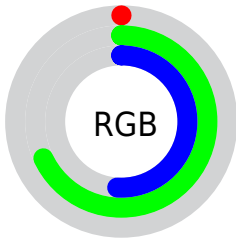
Format	Color
RYB	0, 99, 173
Decimal	44418
CIELab	62.93, -47.99, 11.68
CIELCh	63, 49.388, 166.315
Yxy	31.4988, 0.2475, 0.4108
Android (android.graphics.Color)	4278234498 (0xFF00AD82)
YUV	116.3710, 6.7191, -102.0574
Hunter-Lab	56.1238, -37.8742, 11.6096

Details

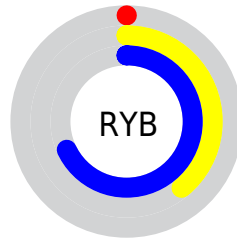
The XYZ color **18.9728, 31.4988, 26.1990** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **17.6707, 9.0594, 3.1044**, and the grayscale version is **16.7158, 17.5864, 19.1515**.

A 20% lighter version of the original color is **41.0808, 61.7847, 54.5602**, and **8.0820, 13.7877, 10.0199** is the 20% darker color. If you saturate the color by 10%, you get **18.9732, 31.4998, 26.1983**, and if you desaturate by 10%, it is **19.5051, 31.7400, 27.7633**.

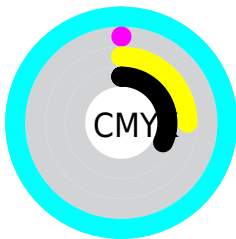
Distribution



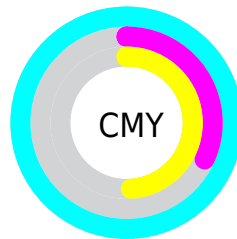
- Red (0%)
- Green (68%)
- Blue (51%)



- Red (0%)
- Yellow (39%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (32%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.9728, 31.4988, 26.1990 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 18.9728, 31.4988, 26.1990 by changing the saturation by 10% instead.


 18.9728, 31.4988,
26.1990


 18.9728, 31.4988,
26.1990


239.2396,
308.8297, 297.3941


 11.7545, 20.9790,
16.7455


 41.2054, 62.0245,
54.5838


 6.6478, 13.1086,
9.8932

 56.9503, 82.7992,
74.3522

 3.2872, 7.5034,
5.2235


 76.2683, 107.7610,
98.3960

 1.3074, 3.7789,
2.3180

 99.5245, 137.2942,
127.1336

 0.1887, 1.5506,
0.7413

 127.0844,
171.7833, 160.9837

 0.0000, 0.3240,
0.0000

 159.3133,

 0.0000, 0.0000,

211.6127, 200.3648

0.0000

196.5766,
257.1667, 245.6954

■ 18.9728, 31.4988,
26.1990

■ 18.9728, 31.4988,
26.1990

■ 18.9732, 31.4998,
26.1983

■ 19.5051, 31.7400,
27.7633

■ 20.2555, 32.0913,
29.4008

■ 21.3066, 32.5963,
31.1169

■ 22.6962, 33.2743,
32.9140

■ 24.4566, 34.1420,
34.7943

■ 26.6160, 35.2140,
36.7600

■ 29.2001, 36.5034,
38.8128

■ 32.2322, 38.0222,
40.9545

■ 35.7338, 39.7816,
43.1869

Harmonies

Analogous

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



21.4648, 31.4988, 14.4298



18.9728, 31.4988, 26.1990



19.0873, 31.4988, 45.8929

Triad

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



18.9728, 31.4988, 26.1990



33.7529, 31.4988, 84.0687



39.8778, 31.4988, 13.7600

Complementary

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



18.9728, 31.4988, 26.1990



17.6707, 9.0594, 3.1044

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.



44.2771, 31.4988, 24.8398



18.9728, 31.4988, 26.1990



40.3923, 31.4988, 67.0950

Square

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



18.9728, 31.4988, 26.1990



26.9586, 31.4988, 84.8777



44.4785, 31.4988, 43.9119



33.1307, 31.4988, 9.3048

Rectangle

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



18.9728, 31.4988, 26.1990



20.6133, 31.4988, 61.5060



44.4785, 31.4988, 43.9119



41.7221, 31.4988, 16.5945

Sweetspot

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



18.9737, 31.5000, 26.1997



52.0276, 65.2403, 69.3095



15.9515, 30.4075, 5.0290



10.8806, 13.9654, 14.7340



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.



18.9737, 31.5000, 26.1997



33.8890, 56.3768, 46.4443



15.4935, 18.9178, 42.3714



8.1500, 9.0375, 9.8147



13.9618, 23.1500, 19.3704



0.4085, 0.6521, 0.6448

Inverse Universe

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



17.6707, 9.0594, 3.1044



31.5731, 16.1947, 5.1752



18.1077, 10.6315, 1.0982



8.0839, 8.0468, 8.7525



13.0009, 6.6629, 2.3841



0.3835, 0.1941, 0.1811

Previews

White Background



This preview shows how the XYZ color 18.9728, 31.4988, 26.1990 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 18.9728, 31.4988, 26.1990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

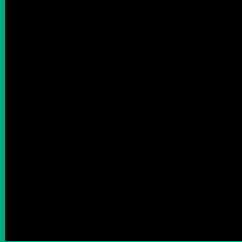
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 18.9728, 31.4988, 26.1990

Background



This preview shows how black text looks on a background with the XYZ color 18.9728, 31.4988, 26.1990.



This preview shows how white text looks on a background with the XYZ color 18.9728, 31.4988,

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

18.9728, 31.4988, 26.1990

Protanopia

29.0943, 31.0422, 21.9111

Deuteranopia

31.5174, 30.9933, 27.6137



Tritanopia

23.4500, 31.3799, 48.0010

Trichromacy



Original Color

18.9728, 31.4988, 26.1990



Protanomaly

21.4528, 29.0511, 23.2156



Deuteranomaly

22.4982, 28.7494, 26.9177



Tritanomaly

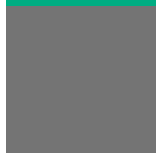
21.4027, 31.3419, 39.1040

Monochromacy



Original Color

18.9728, 31.4988, 26.1990



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 18.9728, 31.4988, 26.1990 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 130) }
```

Border

The CSS property to change the border of an element to XYZ 18.9728, 31.4988, 26.1990 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, 130) }
```


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

```
.border{ border-color:rgb(0, 173, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9728, 31.4988, 26.1990 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, 130) }
```

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

```
.background{ background-color: rgb(0, 173,  
130) }
```

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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