

Converting Colors

XYZ(19.4746, 26.1426, 18.7715)

Have a look what the booklet for
XYZ(19.4746, 26.1426, 18.7715)
contains.

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Color

**XYZ(19.4746, 26.1426,
18.7715)**

Conversions

Conversions Part 1

Format	Color
Hex	67976E
RGB	103, 151, 110
RGB Percent	40%, 59%, 43%
CMY	0.5961, 0.4078, 0.5686
CMYK	0.32, 0.00, 0.27, 0.41
HSL	129°, 19%, 50%
HSV	129°, 32%, 59%
XYZ	19.4746, 26.1426, 18.7715
YIQ	131.9740, -15.4470, -22.9270

Conversions

Conversions Part 2

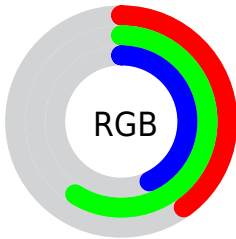
Format	Color
RYB	103, 145, 151
Decimal	6788974
CIELab	58.17, -24.94, 16.57
CIELCh	58, 29.943, 146.399
Yxy	26.1426, 0.3025, 0.4060
Android (android.graphics.Color)	4284979054 (0xFF67976E)
YUV	131.9740, -10.8332, -25.4102
Hunter-Lab	51.1298, -21.4892, 14.0235

Details

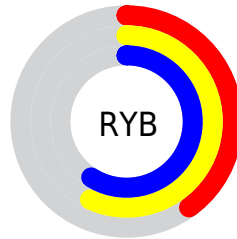
The XYZ color **19.4746, 26.1426, 18.7715** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.6476, 18.2939, 28.7239**, and the grayscale version is **21.9651, 23.1090, 25.1657**.

A 20% lighter version of the original color is **41.8705, 53.2398, 42.2519**, and **6.8949, 10.2190, 6.1665** is the 20% darker color. If you saturate the color by 10%, you get **17.2447, 25.0691, 15.2645**, and if you desaturate by 10%, it is **22.1209, 27.4204, 22.8327**.

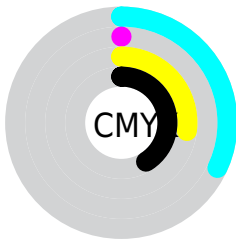
Distribution



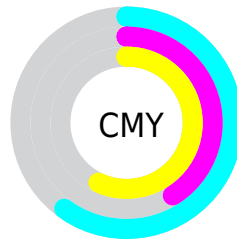
- Red (40%)
- Green (59%)
- Blue (43%)



- Red (40%)
- Yellow (57%)
- Blue (59%)



- Cyan (32%)
- Magenta (0%)
- Yellow (27%)
- Black (41%)



- Cyan (60%)
- Magenta (41%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4746, 26.1426, 18.7715 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 19.4746, 26.1426, 18.7715 by changing the saturation by 10% instead.

■ 19.4746, 26.1426,
18.7715

■ 19.4746, 26.1426,
18.7715

241.9446,
283.4814, 257.5649

■ 12.1197, 16.9304,
11.3301

■ 42.0452, 53.5049,
42.1792

■ 6.8981, 10.1848,
6.1724

■ 57.9917, 72.4238,
58.9826

■ 3.4442, 5.5217,
2.8797

■ 77.5328, 95.3469,
79.7437

■ 1.3928, 2.5565,
1.0335

■ 101.0339,
122.6588, 104.8812

■ 0.2511, 0.9048,
0.0000

128.8602,
154.7438, 134.8135

■ 0.0000, 0.0000,
0.0000

161.3772,

191.9863, 169.9592

198.9502,
234.7707, 210.7369

■ 19.4746, 26.1426,
18.7715

■ 19.4746, 26.1426,
18.7715

■ 17.2447, 25.0691,
15.2645

■ 22.1209, 27.4204,
22.8327

■ 15.4080, 24.1863,
12.2861

■ 25.2014, 28.9090,
27.4690

■ 13.9419, 23.4837,
9.8111


■ 28.7351, 30.6186,
32.7020


■ 12.8209, 22.9489,
7.8117


■ 32.7394, 32.5575,
38.5520


■ 12.0160, 22.5676,
6.2572


■ 37.2307, 34.7340,
45.0382


 11.4935, 22.3230,
5.1136

 42.2248, 37.1557,
52.1790

 11.2122, 22.1923,
4.4528

 47.7367, 39.8299,
59.9920

 53.7805, 42.7637,
68.4942

 60.3702, 45.9638,
77.7019

Harmonies

Analogous

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



21.8711, 26.1426, 14.0488



19.4746, 26.1426, 18.7715



18.5110, 26.1426, 27.2273

Triad

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



19.4746, 26.1426, 18.7715



24.4118, 26.1426, 53.4463



31.6406, 26.1426, 20.4683

Complementary

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



19.4746, 26.1426, 18.7715



22.6476, 18.2939, 28.7239

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.



32.4871, 26.1426, 29.7393



19.4746, 26.1426, 18.7715



28.0829, 26.1426, 50.3932

Square

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



19.4746, 26.1426, 18.7715



21.1809, 26.1426, 48.5774



31.1281, 26.1426, 41.0258



28.9151, 26.1426, 14.8479

Rectangle

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



19.4746, 26.1426, 18.7715



18.7340, 26.1426, 34.4911



31.1281, 26.1426, 41.0258



32.1651, 26.1426, 23.1849

Sweetspot

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



19.4753, 26.1437, 18.7721



46.0809, 52.2298, 50.6079



25.1226, 29.0973, 17.1244



10.2974, 11.7859, 11.2399



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.4753, 26.1437, 18.7721



32.0152, 45.4393, 29.1358



20.9222, 26.7225, 26.3915



6.1670, 6.9395, 6.8031



9.5450, 18.8815, 3.8247



0.1509, 0.2856, 0.1006

Inverse Universe

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



22.6476, 18.2939, 28.7239



38.5899, 29.1599, 49.7530



21.0402, 17.6510, 20.2594



6.4225, 6.3082, 7.6049



14.2351, 6.9483, 18.2951



0.2221, 0.1076, 0.3224

Previews

White Background



This preview shows how the XYZ color 19.4746, 26.1426, 18.7715 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 19.4746, 26.1426, 18.7715 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 19.4746, 26.1426, 18.7715

Background



This preview shows how black text looks on a background with the XYZ color 19.4746, 26.1426, 18.7715.



This preview shows how white text looks on a background with the XYZ color 19.4746, 26.1426,

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

19.4746, 26.1426, 18.7715

Protanopia

24.1768, 25.8747, 17.0847

Deuteranopia

26.4627, 25.9465, 19.5330



Tritanopia

22.8933, 26.1299, 35.7353

Trichromacy



Original Color

19.4746, 26.1426, 18.7715

Protanomaly

21.9920, 25.6120, 17.6944

Deuteranomaly

23.3432, 25.6111, 19.3359

Tritanomaly

21.4740, 26.0121, 28.7000

Monochromacy



Original Color

19.4746, 26.1426, 18.7715

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.7559, 23.9854, 22.6045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4746, 26.1426, 18.7715 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(103, 151, 110)` looks like.

```
.text, #text, p{  
    color:rgb(103, 151, 110)  
}
```

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(103, 151, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 151, 110) }
```

Border

The CSS property to change the border of an element to XYZ 19.4746, 26.1426, 18.7715 is called "border". The border property can be set on classes, ids or directly on the HTML element.

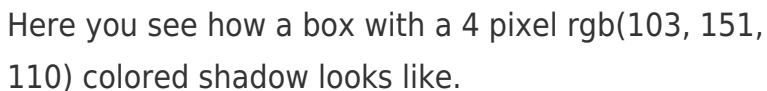
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 151, 110) }
```


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

```
.border{ border-color:rgb(103, 151, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(103, 151, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(103, 151, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(103, 151, 110); box-shadow:4px 4px 4px 4px rgb(103, 151, 110) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4746, 26.1426, 18.7715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 151, 110) }
```

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

```
.background{ background-color: rgb(103,  
151, 110) }
```

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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