

Converting Colors

XYZ(19.9307, 26.3063, 17.2418)

Have a look what the booklet for
XYZ(19.9307, 26.3063, 17.2418)
contains.

XYZ(19.9957, 26.4477, 17.1477)	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(19.9957, 26.4477,
17.1477)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9768
RGB	110, 151, 104
RGB Percent	43%, 59%, 41%
CMY	0.5686, 0.4078, 0.5922
CMYK	0.27, 0.00, 0.31, 0.41
HSL	112°, 18%, 50%
HSV	112°, 31%, 59%
XYZ	19.9957, 26.4477, 17.1477
YIQ	133.3830, -9.3490, -23.3090

Conversions

Conversions Part 2

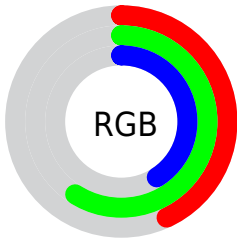
Format	Color
RYB	104, 151, 145
Decimal	7247720
CIELab	58.46, -23.57, 20.37
CIELCh	58, 31.157, 139.164
Yxy	26.4477, 0.3144, 0.4159
Android (android.graphics.Color)	4285437800 (0xFF6E9768)
YUV	133.3830, -14.4858, -20.5069
Hunter-Lab	51.4273, -20.5944, 16.2297

Details

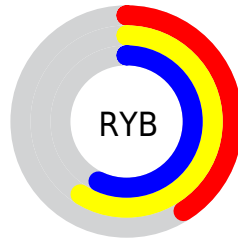
The XYZ color **19.9957, 26.4477, 17.1477** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.2144, 18.1555, 31.6131**, and the grayscale version is **22.4882, 23.6594, 25.7651**.

A 20% lighter version of the original color is **42.8520, 53.8157, 39.1393**, and **7.1954, 10.3920, 5.3680** is the 20% darker color. If you saturate the color by 10%, you get **17.7776, 25.3858, 13.3924**, and if you desaturate by 10%, it is **22.5963, 27.6924, 21.6390**.

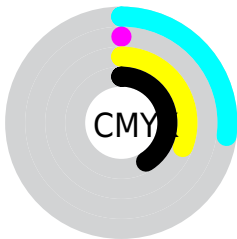
Distribution



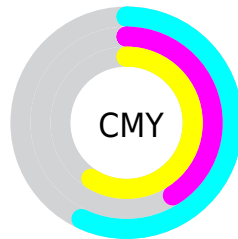
- Red (43%)
- Green (59%)
- Blue (41%)



- Red (41%)
- Yellow (59%)
- Blue (57%)



- Cyan (27%)
- Magenta (0%)
- Yellow (31%)
- Black (41%)



- Cyan (57%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9957, 26.4477, 17.1477 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 19.9957, 26.4477, 17.1477 by changing the saturation by 10% instead.

■ 19.9957, 26.4477,
17.1477

■ 19.9957, 26.4477,
17.1477

244.7258,
284.9729, 248.0948

■ 12.5002, 17.1589,
10.1768

■ 42.9140, 53.9963,
39.3737

■ 7.1599, 10.3478,
5.4092

■ 59.0674, 73.0249,
55.4658

■ 3.6095, 5.6302,
2.4264

■ 78.8375, 96.0688,
75.4354

■ 1.4837, 2.6215,
0.8008

■ 102.5897,
123.5126, 99.7011

■ 0.3147, 0.9375,
0.0000

130.6893,
155.7404, 128.6813

■ 0.0000, 0.0000,
0.0000

163.5016,

193.1368, 162.7946

201.3920,
236.0862, 202.4596

■ 19.9957, 26.4477,
17.1477

■ 19.9957, 26.4477,
17.1477

■ 17.7776, 25.3858,
13.3924

■ 22.5963, 27.6924,
21.6390

■ 15.9218, 24.4949,
10.3322

■ 25.5940, 29.1245,
26.9008

■ 14.4095, 23.7670,
7.9251


■ 29.0056, 30.7524,
32.9676


■ 13.2193, 23.1921,
6.1234


■ 32.8458, 32.5833,
39.8710


■ 12.3273, 22.7590,
4.8734


■ 37.1289, 34.6238,
47.6412


 11.7063, 22.4551,
4.1117

 41.8685, 36.8802,
56.3068

 11.3411, 22.2755,
3.7019

 47.0775, 39.3587,
65.8951

 52.7684, 42.0652,
76.4323

 58.9531, 45.0052,
87.9433

Harmonies

Analogous

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



22.8103, 26.4477, 13.1855



19.9957, 26.4477, 17.1477



18.6111, 26.4477, 25.0325

Triad

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



19.9957, 26.4477, 17.1477



23.7864, 26.4477, 54.6884



32.7065, 26.4477, 22.4481

Complementary

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



19.9957, 26.4477, 17.1477



22.2144, 18.1555, 31.6131

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.



33.0355, 26.4477, 32.9213



19.9957, 26.4477, 17.1477



27.6184, 26.4477, 53.4888

Square

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



19.9957, 26.4477, 17.1477



20.6481, 26.4477, 47.7511



31.0934, 26.4477, 44.7979



30.2352, 26.4477, 15.6685

Rectangle

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



19.9957, 26.4477, 17.1477



18.5808, 26.4477, 32.2669



31.0934, 26.4477, 44.7979



33.0800, 26.4477, 25.5853

Sweetspot

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



19.9964, 26.4488, 17.1483



46.9638, 52.6954, 50.1735



25.3470, 27.7495, 17.1173



10.4947, 11.8912, 11.0859



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.



19.9964, 26.4488, 17.1483



33.1068, 46.0700, 26.1171



20.2419, 26.4637, 22.2061



6.2018, 6.9615, 6.6227



9.6623, 18.9570, 3.1498



0.1611, 0.2920, 0.0479

Inverse Universe

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



22.2144, 18.1555, 31.6131



37.6863, 28.9164, 56.0288



22.0006, 18.1953, 24.8225



6.3836, 6.2837, 7.8054



12.8276, 6.0639, 25.4021



0.2107, 0.1004, 0.3806

Previews

White Background



This preview shows how the XYZ color 19.9957, 26.4477, 17.1477 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 19.9957, 26.4477, 17.1477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

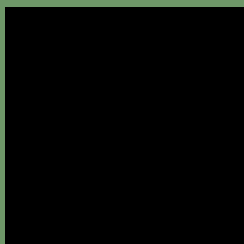
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.9957, 26.4477, 17.1477

Background



This preview shows how black text looks on a background with the XYZ color 19.9957, 26.4477, 17.1477.



This preview shows how white text looks on a background with the XYZ color 19.9957, 26.4477, 17.1477.

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

19.9957, 26.4477, 17.1477

Protanopia

24.3927, 26.2363, 15.5829

Deuteranopia

26.5417, 26.0254, 17.8119



Tritanopia

23.5818, 26.2688, 35.2800

Trichromacy



Original Color

19.9957, 26.4477, 17.1477

Protanomaly

22.4756, 26.1203, 16.1691

Deuteranomaly

23.5335, 25.7470, 17.6392

Tritanomaly

22.1515, 26.3866, 27.5925

Monochromacy



Original Color

19.9957, 26.4477, 17.1477

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.3484, 24.5213, 22.0203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9957, 26.4477, 17.1477 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(110, 151, 104)` looks like.

```
.text, #text, p{  
    color:rgb(110, 151, 104)  
}
```

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(110, 151, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 151, 104) }
```

Border

The CSS property to change the border of an element to XYZ 19.9957, 26.4477, 17.1477 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(110, 151, 104) }
```


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

```
.border{ border-color:rgb(110, 151, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 151, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 151, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 151, 104);  
box-shadow:4px 4px 4px 4px rgb(110, 151,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9957, 26.4477, 17.1477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 151, 104) }
```

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

```
.background{ background-color: rgb(110,  
151, 104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor