

Converting Colors

XYZ(17.0221, 19.6593, 14.2069)

Have a look what the booklet for
XYZ(17.0221, 19.6593, 14.2069)
contains.

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Color

**XYZ(16.9546, 19.5667,
14.1924)**

Conversions

Conversions Part 1

Format	Color
Hex	757E61
RGB	117, 126, 97
RGB Percent	46%, 49%, 38%
CMY	0.5412, 0.5059, 0.6196
CMYK	0.07, 0.00, 0.23, 0.51
HSL	79°, 13%, 44%
HSV	79°, 23%, 49%
XYZ	16.9546, 19.5667, 14.1924
YIQ	120.0030, 3.9450, -10.9270

Conversions

Conversions Part 2

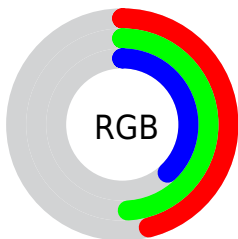
Format	Color
R_{YB}	97, 126, 106
Decimal	7700065
CIE Lab	51.34, -8.81, 14.70
CIE LCh	51, 17.143, 120.936
Yxy	19.5667, 0.3343, 0.3858
Android (android.graphics.Color)	4285890145 (0xFF757E61)
YUV	120.0030, -11.3405, -2.6336
Hunter-Lab	44.2343, -8.9925, 11.9410

Details

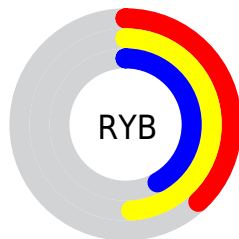
The XYZ color **16.9546, 19.5667, 14.1924** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.9853, 13.1205, 21.5352**, and the grayscale version is **17.8882, 18.8198, 20.4948**.

A 20% lighter version of the original color is **37.8276, 42.8133, 34.2870**, and **5.6135, 6.7670, 4.0279** is the 20% darker color. If you saturate the color by 10%, you get **15.8987, 19.0855, 11.3160**, and if you desaturate by 10%, it is **18.1269, 20.0983, 17.5623**.

Distribution



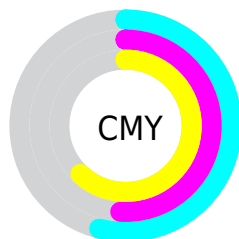
- Red (46%)
- Green (49%)
- Blue (38%)



- Red (38%)
- Yellow (49%)
- Blue (42%)



- Cyan (7%)
- Magenta (0%)
- Yellow (23%)
- Black (51%)



- Cyan (54%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9546, 19.5667, 14.1924 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 16.9546, 19.5667, 14.1924 by changing the saturation by 10% instead.

■ 16.9546, 19.5667,
14.1924

■ 16.9546, 19.5667,
14.1924

228.0720,
249.5597, 229.8944

■ 10.2972, 12.0805,
8.1143

■ 37.7919, 42.6895,
34.1521

■ 5.6602, 6.7985,
4.0794

■ 52.7026, 59.0949,
48.8707

■ 2.6783, 3.3364,
1.6690

■ 71.0950, 79.2421,
67.3066

■ 0.9860, 1.3098,
0.3394

■ 93.3347, 103.5156,
89.8784

■ 0.0000, 0.1488,
0.0000

119.7868,
132.2997, 117.0045

■ 0.0000, 0.0000,
0.0000

150.8169,

165.9788, 149.1035

186.7901,
204.9373, 186.5940

■ 16.9546, 19.5667,
14.1924

■ 16.9546, 19.5667,
14.1924

■ 15.8987, 19.0855,
11.3160

■ 18.1269, 20.0983,
17.5623

■ 14.9529, 18.6503,
8.9086

■ 19.4183, 20.6794,
21.4460

■ 14.1128, 18.2597,
6.9456

■ 20.8336, 21.3127,
25.8644

■ 13.3728, 17.9117,
5.3997

■ 22.3765, 21.9996,
30.8366

■ 12.7270, 17.6038,
4.2404

■ 24.0509, 22.7418,
36.3810

■ 12.1684, 17.3331,
3.4333

■ 25.8603, 23.5407,
42.5149

■ 11.6889, 17.0964,
2.9365

■ 27.8081, 24.3976,
49.2552

■ 11.3812, 16.9434,
2.6705

■ 29.8975, 25.3140,
56.6178

■ 32.1318, 26.2911,
64.6182

Harmonies

Analogous

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



18.5438, 19.5667, 13.1938



16.9546, 19.5667, 14.1924



15.8636, 19.5667, 17.0415

Triad

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



16.9546, 19.5667, 14.1924



17.0424, 19.5667, 30.6633



22.0905, 19.5667, 21.1511

Complementary

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



16.9546, 19.5667, 14.1924



13.9853, 13.1205, 21.5352

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.



21.6289, 19.5667, 26.2257



16.9546, 19.5667, 14.1924



18.6514, 19.5667, 32.2016

Square

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



16.9546, 19.5667, 14.1924



15.9121, 19.5667, 26.5334



20.3434, 19.5667, 30.4673



21.5694, 19.5667, 16.8126

Rectangle

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



16.9546, 19.5667, 14.1924



15.5298, 19.5667, 19.8524



20.3434, 19.5667, 30.4673



22.0449, 19.5667, 22.8263

Sweetspot

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



16.9551, 19.5676, 14.1928



33.2099, 35.9631, 34.8009



15.8858, 15.5457, 13.4729



7.5320, 8.1704, 7.8496



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.9551, 19.5676, 14.1928



28.7704, 33.9526, 22.0226



15.1898, 18.6575, 14.1102



4.5395, 4.9546, 4.6372



11.6709, 17.3790, 2.7394



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.9853, 13.1205, 21.5352



22.5163, 20.3724, 37.4899



15.8148, 14.0636, 21.6208



4.2247, 4.2715, 5.4151



4.7223, 1.9881, 20.3848



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.9546, 19.5667, 14.1924 looks on a white background.

Color Contrast Check

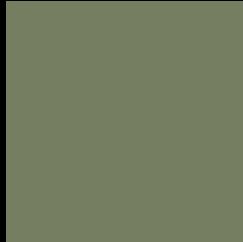
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.9546, 19.5667, 14.1924 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

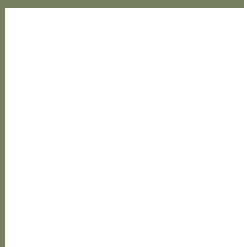
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.9546, 19.5667, 14.1924

Background



This preview shows how black text looks on a background with the XYZ color 16.9546, 19.5667, 14.1924.



This preview shows how white text looks on a background with the XYZ color 16.9546, 19.5667,

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

16.9546, 19.5667, 14.1924

Protanopia

18.2310, 19.4911, 13.6278

Deuteranopia

19.7687, 19.3742, 14.5021



Tritanopia

18.9601, 19.4510, 24.2278

Trichromacy



Original Color

16.9546, 19.5667, 14.1924

Protanomaly

17.6517, 19.3704, 13.8749

Deuteranomaly

18.5939, 19.3013, 14.3008

Tritanomaly

18.1585, 19.4909, 20.2578

Monochromacy



Original Color

16.9546, 19.5667, 14.1924

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.4919, 19.0109, 18.0768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9546, 19.5667, 14.1924 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(117, 126, 97)` looks like.

```
.text, #text, p{  
    color:rgb(117, 126, 97)  
}
```

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(117, 126, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 126, 97) }
```

Border

The CSS property to change the border of an element to XYZ 16.9546, 19.5667, 14.1924 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(117, 126, 97) }
```


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

```
.border{ border-color:rgb(117, 126, 97) }
```

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

Here you see how a box with a 4 pixel rgb(117, 126, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 126, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 126, 97);  
box-shadow:4px 4px 4px 4px rgb(117, 126,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9546, 19.5667, 14.1924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 126, 97) }
```

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

```
.background{ background-color: rgb(117,  
126, 97) }
```

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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