

Converting Colors

XYZ(16.5076, 19.2686, 14.0099)

Have a look what the booklet for
XYZ(16.5076, 19.2686, 14.0099)
contains.

XYZ(16.5116, 19.3436, 13.9298)	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(16.5116, 19.3436,
13.9298)**

Conversions

Conversions Part 1

Format	Color
Hex	727E60
RGB	114, 126, 96
RGB Percent	45%, 49%, 38%
CMY	0.5529, 0.5059, 0.6235
CMYK	0.10, 0.00, 0.24, 0.51
HSL	84°, 14%, 44%
HSV	84°, 24%, 49%
XYZ	16.5116, 19.3436, 13.9298
YIQ	118.9920, 2.4780, -11.8740

Conversions

Conversions Part 2

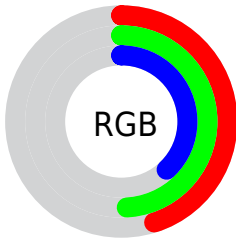
Format	Color
RYB	96, 126, 108
Decimal	7503456
CIELab	51.09, -10.18, 14.89
CIELCh	51, 18.037, 124.354
Yxy	19.3436, 0.3317, 0.3885
Android (android.graphics.Color)	4285693536 (0xFF727E60)
YUV	118.9920, -11.3351, -4.3780
Hunter-Lab	43.9814, -9.9544, 12.0086

Details

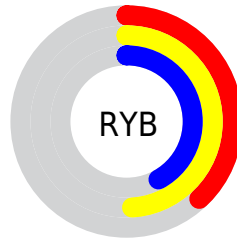
The XYZ color **16.5116, 19.3436, 13.9298** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.1339, 13.0608, 21.5157**, and the grayscale version is **17.5666, 18.4815, 20.1263**.

A 20% lighter version of the original color is **37.1124, 42.4538, 33.8421**, and **5.4764, 6.6963, 4.0215** is the 20% darker color. If you saturate the color by 10%, you get **15.3398, 18.8019, 11.0857**, and if you desaturate by 10%, it is **17.8136, 19.9429, 17.2663**.

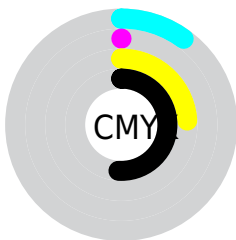
Distribution



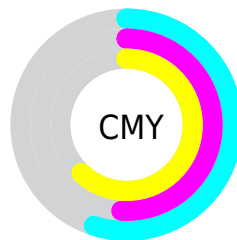
- Red (45%)
- Green (49%)
- Blue (38%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (24%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.5116, 19.3436, 13.9298 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 16.5116, 19.3436, 13.9298 by changing the saturation by 10% instead.

■ 16.5116, 19.3436,
13.9298

■ 16.5116, 19.3436,
13.9298

225.5535,
248.3391, 228.2069

■ 9.9800, 11.9188,
7.9337

■ 37.0344, 42.3139,
33.6797

■ 5.4479, 6.6884,
3.9654

■ 51.7564, 58.6282,
48.2706

■ 2.5498, 3.2680,
1.6064

■ 69.9392, 78.6745,
66.5635

■ 0.9204, 1.2732,
0.2954

■ 91.9482, 102.8371,
88.9770

■ 0.0000, 0.1203,
0.0000

118.1488,
131.5005, 115.9295

■ 0.0000, 0.0000,
0.0000

148.9063,

165.0490, 147.8396

184.5861,
203.8671, 185.1259

■ 16.5116, 19.3436,
13.9298

■ 16.5116, 19.3436,
13.9298

■ 15.3398, 18.8019,
11.0857

■ 17.8136, 19.9429,
17.2663

■ 14.2917, 18.3130,
8.7093

■ 19.2489, 20.5991,
21.1156

■ 13.3623, 17.8758,
6.7759

■ 20.8225, 21.3149,
25.4987

■ 12.5459, 17.4877,
5.2579

■ 22.5386, 22.0921,
30.4349

■ 11.8360, 17.1460,
4.1245

■ 24.4012, 22.9324,
35.9424

■ 11.2254, 16.8479,
3.3410

■ 26.4141, 23.8372,
42.0390

■ 10.7047, 16.5896,
2.8619

■ 28.5810, 24.8082,
48.7413

■ 10.4096, 16.4424,
2.6251

■ 30.9056, 25.8468,
56.0655

■ 33.3911, 26.9546,
64.0270

Harmonies

Analogous

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



18.1255, 19.3436, 12.6857



16.5116, 19.3436, 13.9298



15.4552, 19.3436, 17.0788

Triad

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



16.5116, 19.3436, 13.9298



16.9363, 19.3436, 31.2515



22.0338, 19.3436, 20.3226

Complementary

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



16.5116, 19.3436, 13.9298



14.1339, 13.0608, 21.5157

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.



21.6647, 19.3436, 25.6207



16.5116, 19.3436, 13.9298



18.6480, 19.3436, 32.4933

Square

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



16.5116, 19.3436, 13.9298



15.6890, 19.3436, 27.1257



20.3961, 19.3436, 30.2884



21.3746, 19.3436, 15.9767

Rectangle

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



16.5116, 19.3436, 13.9298



15.1699, 19.3436, 20.1074



20.3961, 19.3436, 30.2884



22.0261, 19.3436, 22.0462

Sweetspot

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



16.5121, 19.3444, 13.9302



33.0066, 35.8583, 34.7914



16.0788, 16.0059, 13.3087



7.4832, 8.1452, 7.8473



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.



16.5121, 19.3444, 13.9302



27.8258, 33.4767, 21.4791



14.7184, 18.4197, 13.8463



4.5040, 4.9363, 4.6355



10.6739, 16.8650, 2.6927



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.1339, 13.0608, 21.5157



22.8199, 20.2476, 37.4498



16.1178, 14.0836, 21.6085



4.2590, 4.2891, 5.4167



5.2291, 2.2494, 20.4085



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.5116, 19.3436, 13.9298 looks on a white background.

Color Contrast Check

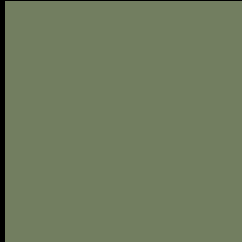
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.5116, 19.3436, 13.9298 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

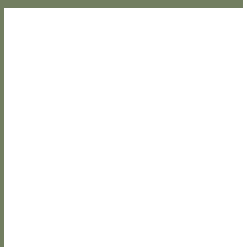
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.5116, 19.3436, 13.9298

Background



This preview shows how black text looks on a background with the XYZ color 16.5116, 19.3436, 13.9298.



This preview shows how white text looks on a background with the XYZ color 16.5116, 19.3436,

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

16.5116, 19.3436, 13.9298

Protanopia

18.0637, 19.2287, 13.3491

Deuteranopia

19.5504, 19.2671, 14.2438



Tritanopia

18.5419, 19.2354, 24.2083

Trichromacy



Original Color

16.5116, 19.3436, 13.9298

Protanomaly

17.4607, 19.2772, 13.6271

Deuteranomaly

18.2342, 19.1213, 14.0390

Tritanomaly

17.6891, 19.2558, 19.9240

Monochromacy



Original Color

16.5116, 19.3436, 13.9298

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.1649, 18.8487, 17.7724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5116, 19.3436, 13.9298 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(114, 126, 96)` looks like.

```
.text, #text, p{  
    color:rgb(114, 126, 96)  
}
```

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(114, 126, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 126, 96) }
```

Border

The CSS property to change the border of an element to XYZ 16.5116, 19.3436, 13.9298 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(114, 126, 96) }
```


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

```
.border{ border-color:rgb(114, 126, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 126, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 126, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 126, 96);  
box-shadow:4px 4px 4px 4px rgb(114, 126,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5116, 19.3436, 13.9298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 126, 96) }
```

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

```
.background{ background-color: rgb(114,  
126, 96) }
```

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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