

Converting Colors

XYZ(17.7120, 16.5616, 14.6783)

Have a look what the booklet for
XYZ(17.7120, 16.5616, 14.6783)
contains.

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Color

**XYZ(17.6563, 16.4819,
14.5627)**

Conversions

Conversions Part 1

Format	Color
Hex	886A65
RGB	136, 106, 101
RGB Percent	53%, 42%, 40%
CMY	0.4667, 0.5843, 0.6039
CMYK	0.00, 0.22, 0.26, 0.47
HSL	9°, 15%, 46%
HSV	9°, 26%, 53%
XYZ	17.6563, 16.4819, 14.5627
YIQ	114.4000, 19.4850, 4.8050

Conversions

Conversions Part 2

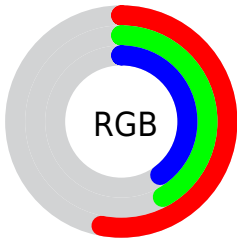
Format	Color
R_{YB}	136, 107, 101
Decimal	8940133
CIE _{Lab}	47.60, 11.15, 7.38
CIE _{LCh}	48, 13.371, 33.480
Yxy	16.4819, 0.3625, 0.3384
Android (android.graphics.Color)	4287130213 (0xFF886A65)
YUV	114.4000, -6.6062, 18.9432
Hunter-Lab	40.5979, 6.5845, 7.1509

Details

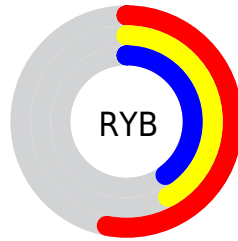
The XYZ color **17.6563, 16.4819, 14.5627** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.9268, 20.7762, 26.3578**, and the grayscale version is **16.1299, 16.9699, 18.4803**.

A 20% lighter version of the original color is **38.9597, 37.3281, 34.8574**, and **5.9761, 5.3256, 4.2030** is the 20% darker color. If you saturate the color by 10%, you get **15.9237, 13.9963, 10.9653**, and if you desaturate by 10%, it is **19.6633, 19.3397, 18.7961**.

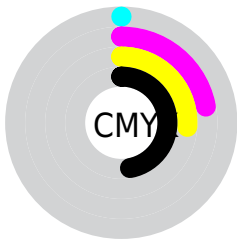
Distribution



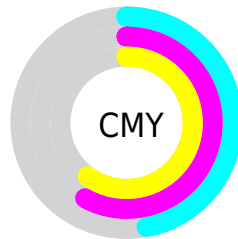
- Red (53%)
- Green (42%)
- Blue (40%)



- Red (53%)
- Yellow (42%)
- Blue (40%)



- Cyan (0%)
- Magenta (22%)
- Yellow (26%)
- Black (47%)



- Cyan (47%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6563, 16.4819, 14.5627 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 17.6563, 16.4819, 14.5627 by changing the saturation by 10% instead.

■ 17.6563, 16.4819,
14.5627

■ 17.6563, 16.4819,
14.5627

232.0098,
232.1688, 232.2527

■ 10.8017, 9.8658,
8.3699

■ 38.9855, 37.4328,
34.8156

■ 6.0000, 5.3101,
4.2414

■ 54.1908, 52.5364,
49.7127

■ 2.8857, 2.4303,
1.7587

■ 72.9104, 71.2379,
68.3483

■ 1.0936, 0.8414,
0.4005

■ 95.5096, 93.9218,
91.1409

■ 0.0198, 0.0000,
0.0000

122.3538,
120.9725, 118.5091

■ 0.0000, 0.0000,
0.0000

153.8083,

152.7742, 150.8715

190.2385,
189.7115, 188.6465

■ 17.6563, 16.4819,
14.5627

■ 17.6563, 16.4819,
14.5627

■ 15.9237, 13.9963,
10.9653

■ 19.6633, 19.3397,
18.7961

■ 14.4524, 11.8654,
7.9720

■ 21.9548, 22.5819,
23.6931

■ 13.2298, 10.0736,
5.5500

■ 24.5416, 26.2227,
29.2809

■ 12.2419, 8.6034,
3.6627

■ 27.4339, 30.2751,
35.5849

■ 11.4735, 7.4354,
2.2694

■ 30.6411, 34.7514,
42.6293

■ 10.9072, 6.5485,
1.3233

■ 34.1726, 39.6636,
50.4370

■ 10.5203, 5.9173,
0.7543

■ 38.0370, 45.0229,
59.0300

■ 10.3937, 5.7150,
0.5553

■ 42.2428, 50.8403,
68.4295

■ 46.7981, 57.1264,
78.6557

Harmonies

Analogous

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



18.0668, 16.4819, 17.5505



17.6563, 16.4819, 14.5627



16.7115, 16.4819, 12.6895

Triad

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



17.6563, 16.4819, 14.5627



13.7027, 16.4819, 15.1714



15.8051, 16.4819, 25.3286

Complementary

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



17.6563, 16.4819, 14.5627



17.9268, 20.7762, 26.3578

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.



14.6642, 16.4819, 24.4842



17.6563, 16.4819, 14.5627



13.4871, 16.4819, 18.3474

Square

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



17.6563, 16.4819, 14.5627



14.4348, 16.4819, 13.0084



13.8304, 16.4819, 21.8165



16.9644, 16.4819, 23.9973

Rectangle

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



17.6563, 16.4819, 14.5627



15.9273, 16.4819, 12.1819



13.8304, 16.4819, 21.8165



15.4067, 16.4819, 25.2904

Sweetspot

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



17.6567, 16.4827, 14.5630



37.6586, 38.3386, 39.5390



18.9265, 16.1895, 23.7187



8.5911, 8.6948, 8.8780



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.6567, 16.4827, 14.5630



29.2462, 26.3685, 21.7680



19.6060, 20.3812, 15.2128



5.0868, 5.1565, 5.2796



9.8419, 5.4182, 0.5271



0.0718, 0.0487, 0.0056

Inverse Universe

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



17.9268, 20.7762, 26.3578



29.8046, 35.2889, 46.2889



15.8095, 16.5415, 25.6521



5.1130, 5.5688, 6.4113



10.1835, 13.6374, 24.1412



0.0754, 0.1061, 0.1630

Previews

White Background



This preview shows how the XYZ color 17.6563, 16.4819, 14.5627 looks on a white 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

Black Background



This preview shows how the XYZ color 17.6563, 16.4819, 14.5627 looks on a black 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

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

XYZ 17.6563, 16.4819, 14.5627

Background



This preview shows how black text looks on a background with the XYZ color 17.6563, 16.4819, 14.5627.



This preview shows how white text looks on a background with the XYZ color 17.6563, 16.4819,

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

17.6563, 16.4819, 14.5627

Protanopia

15.7910, 16.6121, 15.7388

Deuteranopia

16.8221, 16.5245, 14.3595



Tritanopia

18.1915, 16.3888, 17.5338

Trichromacy



Original Color

17.6563, 16.4819, 14.5627

Protanomaly

16.3868, 16.4364, 15.4056

Deuteranomaly

17.1785, 16.5508, 14.3458

Tritanomaly

18.0749, 16.5042, 16.4203

Monochromacy



Original Color

17.6563, 16.4819, 14.5627

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.4708, 16.6106, 16.8061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6563, 16.4819, 14.5627 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(136, 106, 101)` looks like.

```
.text, #text, p{  
    color:rgb(136, 106, 101)  
}
```

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(136, 106, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 106, 101) }
```

Border

The CSS property to change the border of an element to XYZ 17.6563, 16.4819, 14.5627 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(136, 106, 101) }
```


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

```
.border{ border-color:rgb(136, 106, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 106, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 106, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 106, 101);  
box-shadow:4px 4px 4px 4px rgb(136, 106,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6563, 16.4819, 14.5627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 106, 101) }
```

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

```
.background{ background-color: rgb(136,  
106, 101) }
```

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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