

Converting Colors

XYZ(15.8845, 13.8506, 14.5662)

Have a look what the booklet for
XYZ(15.8845, 13.8506, 14.5662)
contains.

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Color

**XYZ(15.9666, 13.8902,
14.6715)**

Conversions

Conversions Part 1

Format	Color
Hex	845E67
RGB	132, 94, 103
RGB Percent	52%, 37%, 40%
CMY	0.4824, 0.6314, 0.5961
CMYK	0.00, 0.29, 0.22, 0.48
HSL	346°, 17%, 44%
HSV	346°, 29%, 52%
XYZ	15.9666, 13.8902, 14.6715
YIQ	106.3880, 19.7590, 10.8550

Conversions

Conversions Part 2

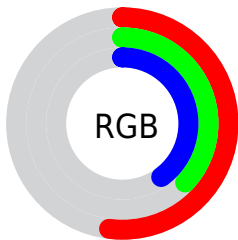
Format	Color
R_{YB}	132, 94, 103
Decimal	8674919
CIE _{Lab}	44.08, 16.94, 1.04
CIE _{LCh}	44, 16.973, 3.525
Yxy	13.8902, 0.3586, 0.3119
Android (android.graphics.Color)	4286864999 (0xFF845E67)
YUV	106.3880, -1.6703, 22.4617
Hunter-Lab	37.2696, 11.2492, 2.7486

Details

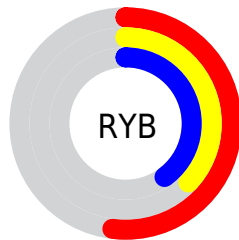
The XYZ color **15.9666, 13.8902, 14.6715** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.4431, 20.3126, 21.7940**, and the grayscale version is **13.8071, 14.5261, 15.8189**.

A 20% lighter version of the original color is **36.2078, 33.0230, 35.0376**, and **5.2100, 4.1124, 4.2606** is the 20% darker color. If you saturate the color by 10%, you get **14.4161, 11.5502, 11.8084**, and if you desaturate by 10%, it is **17.7796, 16.6574, 17.9230**.

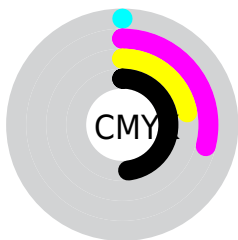
Distribution



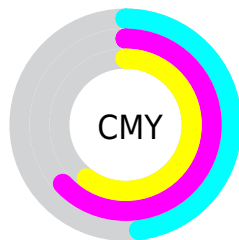
- Red (52%)
- Green (37%)
- Blue (40%)



- Red (52%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (29%)
- Yellow (22%)
- Black (48%)



- Cyan (48%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9666, 13.8902, 14.6715 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 15.9666, 13.8902, 14.6715 by changing the saturation by 10% instead.

■ 15.9666, 13.8902,
14.6715

■ 15.9666, 13.8902,
14.6715

222.4188,
216.5467, 232.9411

■ 9.5912, 8.0443,
8.4451

■ 36.0981, 32.8941,
35.0100

■ 5.1890, 4.1233,
4.2892

■ 50.5850, 46.8209,
49.9591

■ 2.3944, 1.7428,
1.7853

■ 68.5064, 64.2101,
68.6530

■ 0.8423, 0.4511,
0.4182

■ 90.2277, 85.4462,
91.5100

■ 0.0000, 0.0000,
0.0000

116.1142,
110.9135, 118.9488

146.5313,

140.9964, 151.3879

181.8444,
176.0793, 189.2458

■ 15.9666, 13.8902,
14.6715

■ 15.9666, 13.8902,
14.6715

■ 14.4161, 11.5502,
11.8084

■ 17.7796, 16.6574,
17.9230

■ 13.1146, 9.6142,
9.3182

■ 19.8654, 19.8695,
21.5762

■ 12.0490, 8.0597,
7.1853

■ 22.2353, 23.5460,
25.6444

■ 11.2047, 6.8611,
5.3930

■ 24.8995, 27.7041,
30.1403

■ 10.5652, 5.9899,
3.9229

■ 27.8678, 32.3606,
35.0760

■ 10.1117, 5.4128,
2.7547

■ 31.1494, 37.5312,
40.4632

■ 9.8005, 5.0473,
1.8586

■ 34.7532, 43.2310,
46.3129

■ 9.7665, 5.0058,
1.7656

■ 38.6878, 49.4745,
52.6360

■ 42.9613, 56.2756,
59.4429

Harmonies

Analogous

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



15.6651, 13.8902, 18.6866



15.9666, 13.8902, 14.6715



15.4868, 13.8902, 11.3781

Triad

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



15.9666, 13.8902, 14.6715



11.8197, 13.8902, 9.7341



12.0784, 13.8902, 22.8033

Complementary

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



15.9666, 13.8902, 14.6715



16.4431, 20.3126, 21.7940

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.



11.1541, 13.8902, 19.6133



15.9666, 13.8902, 14.6715



11.0121, 13.8902, 12.0458

Square

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



15.9666, 13.8902, 14.6715



13.0432, 13.8902, 8.8507



10.7769, 13.8902, 15.5858



13.3625, 13.8902, 23.8249

Rectangle

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



15.9666, 13.8902, 14.6715



14.8064, 13.8902, 9.8987



10.7769, 13.8902, 15.5858



11.7183, 13.8902, 21.9250

Sweetspot

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



15.9670, 13.8908, 14.6718



34.8302, 34.7489, 37.7245



16.2651, 13.8462, 23.6452



7.9945, 7.9131, 8.5838



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.9670, 13.8908, 14.6718



26.1673, 21.5075, 22.2453



16.4367, 15.5146, 12.7188



4.7144, 4.7055, 5.1086



9.4582, 4.8476, 1.7194



0.0352, 0.0178, 0.0189

Inverse Universe

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



15.9670, 13.8908, 14.6718



26.1673, 21.5075, 22.2453



15.8025, 18.0883, 24.4884



4.7144, 4.7055, 5.1086



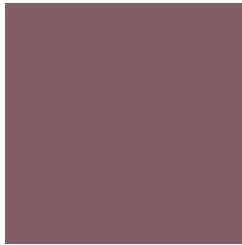
9.4582, 4.8476, 1.7194



0.0352, 0.0178, 0.0189

Previews

White Background



This preview shows how the XYZ color 15.9666, 13.8902, 14.6715 looks on a white background.

Color Contrast Check

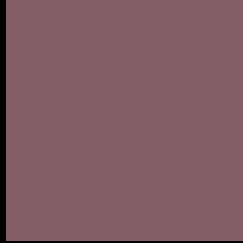
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9666, 13.8902, 14.6715 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 15.9666, 13.8902, 14.6715

Background



This preview shows how black text looks on a background with the XYZ color 15.9666, 13.8902, 14.6715.



This preview shows how white text looks on a background with the XYZ color 15.9666, 13.8902,

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

15.9666, 13.8902, 14.6715

Protanopia

13.5363, 14.0080, 16.4584

Deuteranopia

14.2544, 13.9797, 14.5174



Tritanopia

15.8674, 13.8505, 14.1490

Trichromacy



Original Color

15.9666, 13.8902, 14.6715

Protanomaly

14.2812, 13.8207, 15.8249

Deuteranomaly

14.7920, 13.8322, 14.4606

Tritanomaly

15.9167, 13.8702, 14.4087

Monochromacy



Original Color

15.9666, 13.8902, 14.6715

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.3714, 14.1675, 15.3417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9666, 13.8902, 14.6715 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(132, 94, 103)` looks like.

```
.text, #text, p{  
    color:rgb(132, 94, 103)  
}
```

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(132, 94, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 94, 103) }
```

Border

The CSS property to change the border of an element to XYZ 15.9666, 13.8902, 14.6715 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(132, 94, 103) }
```


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

```
.border{ border-color:rgb(132, 94, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 94, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 94, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 94, 103);  
box-shadow:4px 4px 4px 4px rgb(132, 94,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9666, 13.8902, 14.6715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 94, 103) }
```

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

```
.background{ background-color: rgb(132, 94,  
103) }
```

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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