

Converting Colors

XYZ(18.4351, 15.7728, 16.2687)

Have a look what the booklet for
XYZ(18.4351, 15.7728, 16.2687)
contains.

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Color

**XYZ(18.4963, 15.8460,
16.2711)**

Conversions

Conversions Part 1

Format	Color
Hex	8F636C
RGB	143, 99, 108
RGB Percent	56%, 39%, 42%
CMY	0.4392, 0.6118, 0.5765
CMYK	0.00, 0.31, 0.24, 0.44
HSL	348°, 18%, 47%
HSV	348°, 31%, 56%
XYZ	18.4963, 15.8460, 16.2711
YIQ	113.1820, 23.3350, 12.1270

Conversions

Conversions Part 2

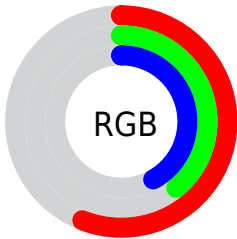
Format	Color
R _Y B	143, 99, 108
Decimal	9397100
CIE Lab	46.77, 19.18, 2.09
CIE LCh	47, 19.293, 6.233
Yxy	15.8460, 0.3654, 0.3131
Android (android.graphics.Color)	4287587180 (0xFF8F636C)
YUV	113.1820, -2.5547, 26.1504
Hunter-Lab	39.8070, 13.2775, 3.6302

Details

The XYZ color **18.4963, 15.8460, 16.2711** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.2718, 24.0192, 26.1758**, and the grayscale version is **15.7529, 16.5733, 18.0483**.

A 20% lighter version of the original color is **40.4531, 36.3217, 37.6796**, and **6.3847, 5.0171, 5.0468** is the 20% darker color. If you saturate the color by 10%, you get **16.6932, 13.1462, 12.8755**, and if you desaturate by 10%, it is **20.6192, 19.0587, 20.1635**.

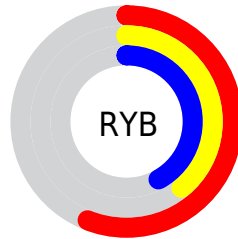
Distribution



Red (56%)

Green (39%)

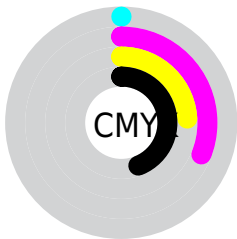
Blue (42%)



Red (56%)

Yellow (39%)

Blue (42%)

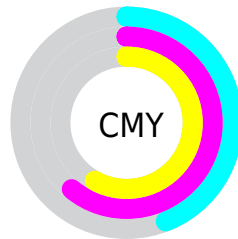


Cyan (0%)

Magenta (31%)

Yellow (24%)

Black (44%)



Cyan (44%)

Magenta (61%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4963, 15.8460, 16.2711 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 18.4963, 15.8460, 16.2711 by changing the saturation by 10% instead.

■ 18.4963, 15.8460,
16.2711

■ 18.4963, 15.8460,
16.2711

236.6456,
228.4313, 242.8362

■ 11.4087, 9.4152,
9.5598

■ 40.4047, 36.3306,
37.8415

■ 6.4118, 5.0130,
5.0063

■ 55.9562, 51.1533,
53.5377

■ 3.1401, 2.2549,
2.1921

■ 75.0598, 69.5421,
73.0659

■ 1.2283, 0.7497,
0.6698

■ 98.0808, 91.8814,
96.8447

■ 0.1285, 0.0000,
0.0000

125.3845,
118.5555, 125.2926

■ 0.0000, 0.0000,
0.0000

157.3363,

149.9490, 158.8281

194.3015,
186.4461, 197.8698

■ 18.4963, 15.8460,
16.2711

■ 18.4963, 15.8460,
16.2711

■ 16.6932, 13.1462,
12.8755

■ 20.6192, 19.0587,
20.1635

■ 15.1929, 10.9305,
9.9554

■ 23.0753, 22.8068,
24.5707

■ 13.9787, 9.1708,
7.4897

■ 25.8785, 27.1138,
29.5111

■ 13.0320, 7.8350,
5.4548

■ 29.0419, 32.0016,
35.0018

■ 12.3316, 6.8869,
3.8255

■ 32.5776, 37.4905,
41.0591

■ 11.8530, 6.2842,
2.5732

■ 36.4974, 43.6002,
47.6988

■ 11.5525, 5.9296,
1.7139

■ 40.8124, 50.3492,
54.9358

■ 45.5332, 57.7554,
62.7848

■ 50.6703, 65.8359,
71.2596

Harmonies

Analogous

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



18.2063, 15.8460, 21.2458



18.4963, 15.8460, 16.2711



17.8123, 15.8460, 12.3543

Triad

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



18.4963, 15.8460, 16.2711



13.2360, 15.8460, 10.8298



13.7996, 15.8460, 27.1507

Complementary

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



18.4963, 15.8460, 16.2711



19.2718, 24.0192, 26.1758

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.



12.6090, 15.8460, 23.3022



18.4963, 15.8460, 16.2711



12.3008, 15.8460, 13.7957

Square

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



18.4963, 15.8460, 16.2711



14.7141, 15.8460, 9.6106



12.0800, 15.8460, 18.2749



15.4136, 15.8460, 28.1475

Rectangle

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



18.4963, 15.8460, 16.2711



16.9238, 15.8460, 10.6637



12.0800, 15.8460, 18.2749



13.3404, 15.8460, 26.1169

Sweetspot

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



18.4967, 15.8467, 16.2714



42.0737, 41.9919, 45.3329



19.1670, 15.9322, 28.0517



9.5037, 9.4079, 10.1389



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.4967, 15.8467, 16.2714



30.8006, 24.8930, 24.7821



19.3158, 18.2122, 14.3025



5.4512, 5.4410, 5.8740



10.2211, 5.2455, 1.5498



0.1043, 0.0528, 0.0496

Inverse Universe

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



18.4967, 15.8467, 16.2714



30.8006, 24.8930, 24.7821



18.1578, 20.7439, 29.0337



5.4512, 5.4410, 5.8740



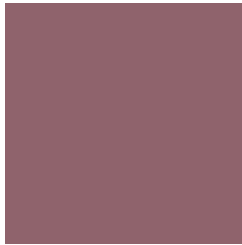
10.2211, 5.2455, 1.5498



0.1043, 0.0528, 0.0496

Previews

White Background



This preview shows how the XYZ color 18.4963, 15.8460, 16.2711 looks on a white background.

Color Contrast Check

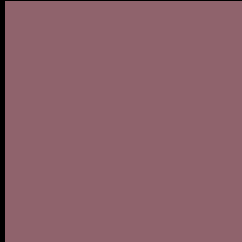
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4963, 15.8460, 16.2711 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 18.4963, 15.8460, 16.2711

Background



This preview shows how black text looks on a background with the XYZ color 18.4963, 15.8460, 16.2711.



This preview shows how white text looks on a background with the XYZ color 18.4963, 15.8460,

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

18.4963, 15.8460, 16.2711

Protanopia

15.4610, 16.0514, 18.5030

Deuteranopia

16.1714, 15.8411, 15.8410



Tritanopia

18.4434, 15.8249, 15.9923

Trichromacy



Original Color

18.4963, 15.8460, 16.2711

Protanomaly

16.3507, 15.8962, 17.5357

Deuteranomaly

16.9642, 15.7875, 16.0631

Tritanomaly

18.4434, 15.8249, 15.9923

Monochromacy



Original Color

18.4963, 15.8460, 16.2711

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.5440, 16.1579, 17.2858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4963, 15.8460, 16.2711 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(143, 99, 108)` looks like.

```
.text, #text, p{  
    color:rgb(143, 99, 108)  
}
```

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(143, 99, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 99, 108) }
```

Border

The CSS property to change the border of an element to XYZ 18.4963, 15.8460, 16.2711 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(143, 99, 108) }
```


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

```
.border{ border-color:rgb(143, 99, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 99, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 99, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 99, 108); box-shadow:4px 4px 4px 4px rgb(143, 99, 108) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4963, 15.8460, 16.2711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 99, 108) }
```

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

```
.background{ background-color: rgb(143, 99,  
108) }
```

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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