

Converting Colors

XYZ(17.7746, 15.8120, 16.9633)

Have a look what the booklet for
XYZ(17.7746, 15.8120, 16.9633)
contains.

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Color

**XYZ(17.7847, 15.7515,
16.8548)**

Conversions

Conversions Part 1

Format	Color
Hex	89656E
RGB	137, 101, 110
RGB Percent	54%, 40%, 43%
CMY	0.4627, 0.6039, 0.5686
CMYK	0.00, 0.26, 0.20, 0.46
HSL	345°, 15%, 47%
HSV	345°, 26%, 54%
XYZ	17.7847, 15.7515, 16.8548
YIQ	112.7900, 18.5670, 10.4310

Conversions

Conversions Part 2

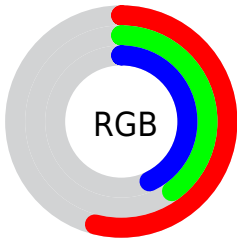
Format	Color
R_{YB}	137, 101, 110
Decimal	9004398
CIE _{Lab}	46.65, 15.95, 0.62
CIE _{LCh}	47, 15.966, 2.243
Yxy	15.7515, 0.3529, 0.3126
Android (android.graphics.Color)	4287194478 (0xFF89656E)
YUV	112.7900, -1.3755, 21.2322
Hunter-Lab	39.6882, 10.5335, 2.6024

Details

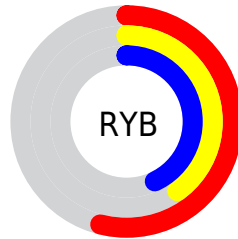
The XYZ color **17.7847, 15.7515, 16.8548** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.2095, 22.2170, 23.7518**, and the grayscale version is **15.6343, 16.4485, 17.9124**.

A 20% lighter version of the original color is **39.1471, 36.1060, 38.6241**, and **6.0541, 4.9756, 5.3439** is the 20% darker color. If you saturate the color by 10%, you get **16.0364, 13.0988, 13.6700**, and if you desaturate by 10%, it is **19.8206, 18.8751, 20.4560**.

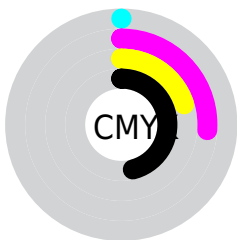
Distribution



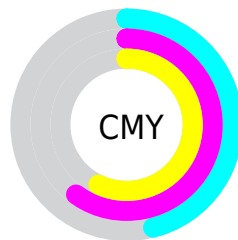
- Red (54%)
- Green (40%)
- Blue (43%)



- Red (54%)
- Yellow (40%)
- Blue (43%)



- Cyan (0%)
- Magenta (26%)
- Yellow (20%)
- Black (46%)





- Cyan (46%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7847, 15.7515, 16.8548 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 17.7847, 15.7515, 16.8548 by changing the saturation by 10% instead.


 17.7847, 15.7515,
16.8548


 17.7847, 15.7515,
16.8548


232.7238,
227.8709, 246.3498


 10.8943, 9.3485,
9.9702


 39.2031, 36.1663,
38.8632


 6.0626, 4.9692,
5.2738


 54.4617, 50.9468,
54.8240

 2.9242, 2.2292,
2.3473

 73.2405, 69.2886,
74.6473

 1.1138, 0.7358,
0.7575

 95.9048, 91.5761,
98.7516

 0.0366, 0.0000,
0.0000

122.8199,
118.1937, 127.5555

 0.0000, 0.0000,
0.0000

154.3512,

149.5258, 161.4774

190.8641,
185.9567, 200.9360

■ 17.7847, 15.7515,
16.8548

■ 17.7847, 15.7515,
16.8548

■ 16.0364, 13.0988,
13.6700

■ 19.8206, 18.8751,
20.4560

■ 14.5611, 10.8920,
10.8852

■ 22.1550, 22.4888,
24.4870

■ 13.3450, 9.1070,
8.4847

■ 24.8000, 26.6132,
28.9620

■ 12.3726, 7.7167,
6.4509

■ 27.7665, 31.2672,
33.8941

■ 11.6264, 6.6906,
4.7650

■ 31.0650, 36.4687,
39.2959

■ 11.0868, 5.9938,
3.4064

■ 34.7055, 42.2348,
45.1795

■ 10.7230, 5.5696,
2.3495

■ 38.6974, 48.5818,
51.5564

■ 10.6089, 5.4353,
2.0217

■ 43.0500, 55.5253,
58.4381

■ 47.7720, 63.0804,
65.8353

Harmonies

Analogous

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



17.4464, 15.7515, 20.9421



17.7847, 15.7515, 16.8548



17.3316, 15.7515, 13.4048

Triad

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



17.7847, 15.7515, 16.8548



13.5988, 15.7515, 11.4889



13.7683, 15.7515, 24.7996

Complementary

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



17.7847, 15.7515, 16.8548



18.2095, 22.2170, 23.7518

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.



12.8357, 15.7515, 21.5366



17.7847, 15.7515, 16.8548



12.7422, 15.7515, 13.8470

Square

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



17.7847, 15.7515, 16.8548



14.8676, 15.7515, 10.6184



12.4715, 15.7515, 17.4501



15.0755, 15.7515, 25.9279

Rectangle

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



17.7847, 15.7515, 16.8548



16.6569, 15.7515, 11.8132



12.4715, 15.7515, 17.4501



13.4034, 15.7515, 23.8936

Sweetspot

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



17.7851, 15.7522, 16.8551



38.8382, 38.9733, 42.4185



18.0717, 15.7035, 25.7457



8.5806, 8.5390, 9.2899



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.



17.7851, 15.7522, 16.8551



29.7783, 25.0594, 26.4323



18.2420, 17.4105, 14.7119



5.0808, 5.0678, 5.5141



9.8863, 5.0647, 1.9058



0.0708, 0.0357, 0.0398

Inverse Universe

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



17.7851, 15.7522, 16.8551



29.7783, 25.0594, 26.4323



17.6019, 20.0117, 26.6021



5.0808, 5.0678, 5.5141



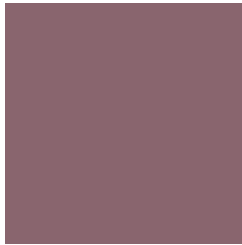
9.8863, 5.0647, 1.9058



0.0708, 0.0357, 0.0398

Previews

White Background



This preview shows how the XYZ color 17.7847, 15.7515, 16.8548 looks on a white background.

Color Contrast Check

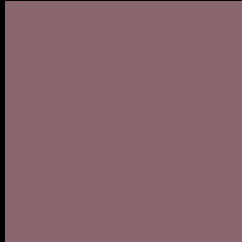
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7847, 15.7515, 16.8548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

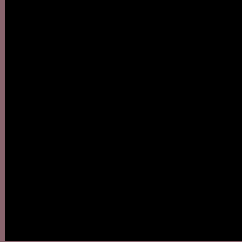
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.7847, 15.7515, 16.8548

Background



This preview shows how black text looks on a background with the XYZ color 17.7847, 15.7515, 16.8548.



This preview shows how white text looks on a background with the XYZ color 17.7847, 15.7515,

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

17.7847, 15.7515, 16.8548

Protanopia

15.2260, 15.7692, 18.4609

Deuteranopia

16.0441, 15.7571, 16.6638



Tritanopia

17.7305, 15.7299, 16.5697

Trichromacy



Original Color

17.7847, 15.7515, 16.8548

Protanomaly

15.9841, 15.7007, 17.8109

Deuteranomaly

16.5643, 15.7193, 16.6291

Tritanomaly

17.7305, 15.7299, 16.5697

Monochromacy



Original Color

17.7847, 15.7515, 16.8548

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.4193, 16.2447, 17.5994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7847, 15.7515, 16.8548 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(137, 101, 110)` looks like.

```
.text, #text, p{  
    color:rgb(137, 101, 110)  
}
```

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(137, 101, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 101, 110) }
```

Border

The CSS property to change the border of an element to XYZ 17.7847, 15.7515, 16.8548 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(137, 101, 110) }
```


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

```
.border{ border-color:rgb(137, 101, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 101, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 101, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 101, 110);  
box-shadow:4px 4px 4px 4px rgb(137, 101,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7847, 15.7515, 16.8548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 101, 110) }
```

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

```
.background{ background-color: rgb(137,  
101, 110) }
```

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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