

Converting Colors

XYZ(18.8708, 15.9112, 18.3060)

Have a look what the booklet for
XYZ(18.8708, 15.9112, 18.3060)
contains.

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Color

**XYZ(18.7899, 15.8128,
18.2815)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8F6273 |
| RGB | 143, 98, 115 |
| RGB Percent | 56%, 38%, 45% |
| CMY | 0.4392, 0.6157, 0.5490 |
| CMYK | 0.00, 0.31, 0.20, 0.44 |
| HSL | 337°, 19%, 47% |
| HSV | 337°, 31%, 56% |
| XYZ | 18.7899, 15.8128, 18.2815 |
| YIQ | 113.3930, 21.3630, 14.8270 |

Conversions

Conversions Part 2

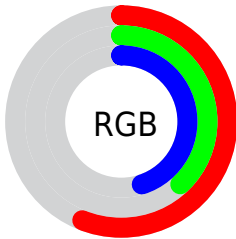
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 143, 98, 115 |
| Decimal | 9396851 |
| CIE Lab | 46.73, 20.89, -2.18 |
| CIE LCh | 47, 21.007, 354.034 |
| Yxy | 15.8128, 0.3553, 0.2990 |
| Android (android.graphics.Color) | 4287586931 (0xFF8F6273) |
| YUV | 113.3930, 0.7923, 25.9653 |
| Hunter-Lab | 39.7653, 14.7555, 0.5780 |

Details

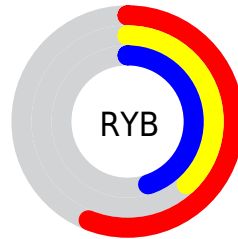
The XYZ color **18.7899, 15.8128, 18.2815** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.6260, 23.7484, 23.3420**, and the grayscale version is **15.8065, 16.6296, 18.1097**.

A 20% lighter version of the original color is **41.0112, 36.2907, 41.4025**, and **6.6106, 5.0482, 5.9362** is the 20% darker color. If you saturate the color by 10%, you get **17.0820, 13.1771, 15.3067**, and if you desaturate by 10%, it is **20.7872, 18.9478, 21.5970**.

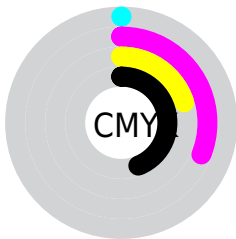
Distribution



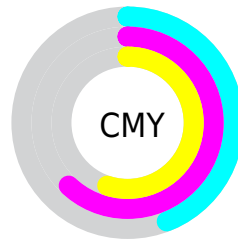
- Red (56%)
- Green (38%)
- Blue (45%)



- Red (56%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (31%)
- Yellow (20%)
- Black (44%)



- Cyan (44%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7899, 15.8128, 18.2815 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 18.7899, 15.8128, 18.2815 by changing the saturation by 10% instead.

■ 18.7899, 15.8128,
18.2815

■ 18.7899, 15.8128,
18.2815

238.2469,
228.2345, 254.7422

■ 11.6217, 9.3918,
10.9808

■ 40.8984, 36.2729,
41.3368

■ 6.5570, 4.9976,
5.9399

■ 56.5694, 51.0808,
57.9285

■ 3.2305, 2.2459,
2.7404

■ 75.8053, 69.4531,
78.4541

■ 1.2768, 0.7448,
0.9636

■ 98.9716, 91.7742,
103.3324

■ 0.1657, 0.0000,
0.0000

126.4335,
118.4285, 132.9818

■ 0.0000, 0.0000,
0.0000

158.5565,

149.8004, 167.8209

195.7058,
186.2743, 208.2681

■ 18.7899, 15.8128,
18.2815

■ 18.7899, 15.8128,
18.2815

■ 17.0820, 13.1771,
15.3067

■ 20.7872, 18.9478,
21.5970

■ 15.6480, 11.0126,
12.6601

■ 23.0857, 22.6041,
25.2633

■ 14.4730, 9.2916,
10.3297


■ 25.6981, 26.8049,
29.2910


■ 13.5401, 7.9825,
8.3022


■ 28.6361, 31.5714,
33.6902


■ 12.8301, 7.0496,
6.5634


■ 31.9105, 36.9238,
38.4705


 12.3206, 6.4511,
5.0974

 35.5319, 42.8810,
43.6411

 11.9940, 6.1062,
4.0386

 39.5103, 49.4612,
49.2108

 43.8553, 56.6820,
55.1883

 48.5760, 64.5601,
61.5818

Harmonies

Analogous

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



18.0469, 15.8128, 23.8075



18.7899, 15.8128, 18.2815



18.4614, 15.8128, 13.4461

Triad

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



18.7899, 15.8128, 18.2815



13.6475, 15.8128, 9.5839



13.0646, 15.8128, 26.6809

Complementary

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



18.7899, 15.8128, 18.2815



18.6260, 23.7484, 23.3420

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.



12.0518, 15.8128, 21.6352



18.7899, 15.8128, 18.2815



12.3689, 15.8128, 11.9718

Square

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



18.7899, 15.8128, 18.2815



15.3967, 15.8128, 9.0426



11.8077, 15.8128, 16.1955



14.6684, 15.8128, 29.2475

Rectangle

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



18.7899, 15.8128, 18.2815



17.6914, 15.8128, 11.1431



11.8077, 15.8128, 16.1955



12.6491, 15.8128, 25.1748

Sweetspot

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



18.7903, 15.8135, 18.2818



42.3573, 42.1053, 46.8264



17.8936, 15.1360, 27.9653



9.5772, 9.4372, 10.5259



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.



18.7903, 15.8135, 18.2818



31.3566, 24.7708, 28.7722



18.4080, 16.4725, 13.7655



5.4879, 5.4557, 6.0672



10.6145, 5.4028, 3.6213



0.1116, 0.0557, 0.0879

Inverse Universe

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



18.7903, 15.8135, 18.2818



31.3566, 24.7708, 28.7722



19.0481, 22.6856, 29.3616



5.4879, 5.4557, 6.0672



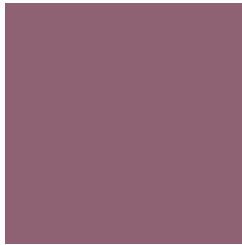
10.6145, 5.4028, 3.6213



0.1116, 0.0557, 0.0879

Previews

White Background



This preview shows how the XYZ color 18.7899, 15.8128, 18.2815 looks on a white background.

Color Contrast Check

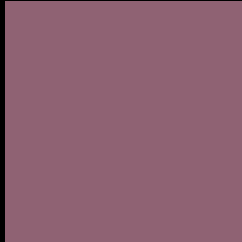
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.7899, 15.8128, 18.2815 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 18.7899, 15.8128, 18.2815

Background



This preview shows how black text looks on a background with the XYZ color 18.7899, 15.8128, 18.2815.



This preview shows how white text looks on a background with the XYZ color 18.7899, 15.8128,

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

18.7899, 15.8128, 18.2815

Protanopia

15.5192, 15.8720, 20.6580

Deuteranopia

16.2284, 15.9823, 17.8524



Tritanopia

18.2710, 15.7360, 15.9843

Trichromacy



Original Color

18.7899, 15.8128, 18.2815

Protanomaly

16.5098, 15.7776, 19.6280

Deuteranomaly

17.0408, 15.7827, 18.0678

Tritanomaly

18.4316, 15.8003, 16.8302

Monochromacy



Original Color

18.7899, 15.8128, 18.2815

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.7120, 16.2251, 18.1705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7899, 15.8128, 18.2815 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, 98, 115) looks like.

```
.text, #text, p{  
    color:rgb(143, 98, 115)  
}
```

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, 98, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 98, 115) }
```

Border

The CSS property to change the border of an element to XYZ 18.7899, 15.8128, 18.2815 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, 98, 115) }
```


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

```
.border{ border-color:rgb(143, 98, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 98, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 98, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 98, 115);  
box-shadow:4px 4px 4px 4px rgb(143, 98,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7899, 15.8128, 18.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 98, 115) }
```

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

```
.background{ background-color: rgb(143, 98,  
115) }
```

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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