

Converting Colors

XYZ(19.7378, 17.6160, 18.8829)

Have a look what the booklet for
XYZ(19.7378, 17.6160, 18.8829)
contains.

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Color

**XYZ(19.7378, 17.6160,
18.8829)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6B74
RGB	143, 107, 116
RGB Percent	56%, 42%, 45%
CMY	0.4392, 0.5804, 0.5451
CMYK	0.00, 0.25, 0.19, 0.44
HSL	345°, 14%, 49%
HSV	345°, 25%, 56%
XYZ	19.7378, 17.6160, 18.8829
YIQ	118.7900, 18.5670, 10.4310

Conversions

Conversions Part 2

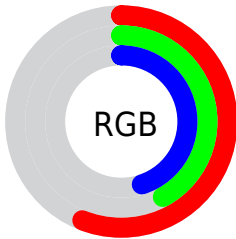
Format	Color
R_{YB}	143, 107, 116
Decimal	9399156
CIE _{Lab}	49.03, 15.80, 0.58
CIE _{LCh}	49, 15.812, 2.115
Yxy	17.6160, 0.3510, 0.3132
Android (android.graphics.Color)	4287589236 (0xFF8F6B74)
YUV	118.7900, -1.3755, 21.2322
Hunter-Lab	41.9714, 10.4928, 2.7055

Details

The XYZ color **19.7378, 17.6160, 18.8829** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.1897, 24.4925, 26.2190**, and the grayscale version is **17.4687, 18.3785, 20.0142**.

A 20% lighter version of the original color is **42.4920, 39.4937, 42.4293**, and **7.0210, 5.8206, 6.2223** is the 20% darker color. If you saturate the color by 10%, you get **17.7801, 14.6420, 15.3278**, and if you desaturate by 10%, it is **22.0151, 21.1136, 22.9004**.

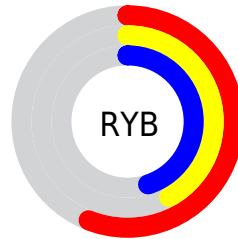
Distribution



Red (56%)

Green (42%)

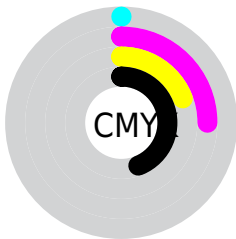
Blue (45%)



Red (56%)

Yellow (42%)

Blue (45%)

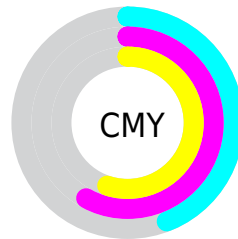


Cyan (0%)

Magenta (25%)

Yellow (19%)

Black (44%)



Cyan (44%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7378, 17.6160, 18.8829 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 19.7378, 17.6160, 18.8829 by changing the saturation by 10% instead.

■ 19.7378, 17.6160,
18.8829

■ 19.7378, 17.6160,
18.8829

243.3528,
238.6976, 258.2027

■ 12.3117, 10.6747,
11.4097

■ 42.4845, 39.3819,
42.3702

■ 7.0301, 5.8485,
6.2255

■ 58.5358, 54.9752,
59.2214

■ 3.5274, 2.7532,
2.9117

■ 78.1929, 74.2214,
80.0357

■ 1.4384, 1.0043,
1.0497

■ 101.8211, 97.5047,
105.2317

■ 0.2833, 0.0000,
0.0000

129.7859,
125.2096, 135.2278

■ 0.0000, 0.0000,
0.0000

162.4525,

157.7204, 170.4427

200.1864,
195.4216, 211.2948

■ 19.7378, 17.6160,
18.8829

■ 19.7378, 17.6160,
18.8829

■ 17.7801, 14.6420,
15.3278

■ 22.0151, 21.1136,
22.9004

■ 16.1260, 12.1640,
12.2172

■ 24.6241, 25.1558,
27.3952

■ 14.7603, 10.1555,
9.5334


■ 27.5782, 29.7655,
32.3829


■ 13.6658, 8.5864,
7.2573


■ 30.8895, 34.9635,
37.8780


■ 12.8235, 7.4235,
5.3680


■ 34.5694, 40.7697,
43.8944


 12.2116, 6.6283,
3.8428


 38.6290, 47.2028,
50.4456

 11.8016, 6.1491,
2.6553

 43.0788, 54.2810,
57.5444

 11.6423, 5.9655,
2.1863

 47.9290, 62.0214,
65.2032

 53.1893, 70.4408,
73.4341

Harmonies

Analogous

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



19.3750, 17.6160, 23.2322



19.7378, 17.6160, 18.8829



19.2600, 17.6160, 15.1820

Triad

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



19.7378, 17.6160, 18.8829



15.2818, 17.6160, 13.0957



15.4529, 17.6160, 27.2851

Complementary

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



19.7378, 17.6160, 18.8829



20.1897, 24.4925, 26.2190

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.



14.4563, 17.6160, 23.8266



19.7378, 17.6160, 18.8829



14.3617, 17.6160, 15.6302

Square

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



19.7378, 17.6160, 18.8829



16.6391, 17.6160, 12.1603



14.0684, 17.6160, 19.4819



16.8483, 17.6160, 28.4872

Rectangle

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



19.7378, 17.6160, 18.8829



18.5445, 17.6160, 13.4624



14.0684, 17.6160, 19.4819



15.0630, 17.6160, 26.3251

Sweetspot

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



19.7383, 17.6168, 18.8833



42.6338, 42.7757, 46.5567



20.0478, 17.5678, 28.3211



9.6254, 9.5744, 10.4162



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.



19.7383, 17.6168, 18.8833



33.3636, 28.5261, 30.2386



20.2275, 19.3927, 16.5880



5.4607, 5.4448, 5.9243



10.3014, 5.2776, 1.9725



0.1062, 0.0536, 0.0596

Inverse Universe

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



19.7383, 17.6168, 18.8833



33.3636, 28.5261, 30.2386



19.5471, 22.1598, 29.2339



5.4607, 5.4448, 5.9243



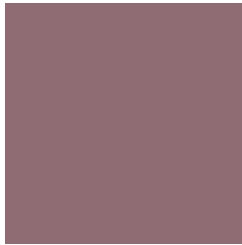
10.3014, 5.2776, 1.9725



0.1062, 0.0536, 0.0596

Previews

White Background



This preview shows how the XYZ color 19.7378, 17.6160, 18.8829 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 19.7378, 17.6160, 18.8829 looks on a black 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

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

XYZ 19.7378, 17.6160, 18.8829

Background



This preview shows how black text looks on a background with the XYZ color 19.7378, 17.6160, 18.8829.



This preview shows how white text looks on a background with the XYZ color 19.7378, 17.6160,

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

19.7378, 17.6160, 18.8829

Protanopia

17.0327, 17.6532, 20.5988

Deuteranopia

18.0529, 17.7152, 18.6875



Tritanopia

19.6799, 17.5928, 18.5782

Trichromacy



Original Color

19.7378, 17.6160, 18.8829

Protanomaly

17.8391, 17.5778, 19.9054

Deuteranomaly

18.6105, 17.6750, 18.6504

Tritanomaly

19.6799, 17.5928, 18.5782

Monochromacy



Original Color

19.7378, 17.6160, 18.8829

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.3028, 18.1587, 19.6799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7378, 17.6160, 18.8829 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, 107, 116)` looks like.

```
.text, #text, p{  
    color:rgb(143, 107, 116)  
}
```

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, 107, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 107, 116) }
```

Border

The CSS property to change the border of an element to XYZ 19.7378, 17.6160, 18.8829 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, 107, 116) }
```


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

```
.border{ border-color:rgb(143, 107, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 107, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 107, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 107, 116);  
box-shadow:4px 4px 4px 4px rgb(143, 107,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7378, 17.6160, 18.8829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 107, 116) }
```

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

```
.background{ background-color: rgb(143,  
107, 116) }
```

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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