

Converting Colors

XYZ(19.1659, 17.9728, 18.9998)

Have a look what the booklet for
XYZ(19.1659, 17.9728, 18.9998)
contains.

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Color

**XYZ(19.1534, 17.9482,
18.9779)**

Conversions

Conversions Part 1

Format	Color
Hex	896F74
RGB	137, 111, 116
RGB Percent	54%, 44%, 45%
CMY	0.4627, 0.5647, 0.5451
CMYK	0.00, 0.19, 0.15, 0.46
HSL	348°, 10%, 49%
HSV	348°, 19%, 54%
XYZ	19.1534, 17.9482, 18.9779
YIQ	119.3440, 13.8910, 7.0670

Conversions

Conversions Part 2

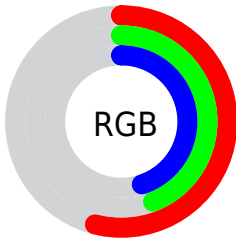
Format	Color
R _Y B	137, 111, 116
Decimal	9006964
CIE Lab	49.43, 11.10, 1.10
CIE LCh	49, 11.153, 5.646
Yxy	17.9482, 0.3415, 0.3200
Android (android.graphics.Color)	4287197044 (0xFF896F74)
YUV	119.3440, -1.6486, 15.4843
Hunter-Lab	42.3653, 6.5607, 3.0963

Details

The XYZ color **19.1534, 17.9482, 18.9779** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.6668, 22.9373, 25.2217**, and the grayscale version is **17.6460, 18.5650, 20.2173**.

A 20% lighter version of the original color is **41.6509, 40.0979, 42.5902**, and **6.7514, 5.9986, 6.2709** is the 20% darker color. If you saturate the color by 10%, you get **17.1659, 14.9425, 15.3264**, and if you desaturate by 10%, it is **21.4479, 21.4447, 23.1105**.

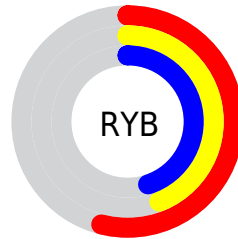
Distribution



Red (54%)

Green (44%)

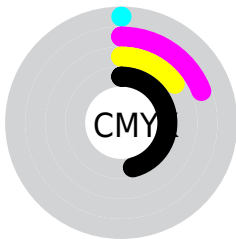
Blue (45%)



Red (54%)

Yellow (44%)

Blue (45%)

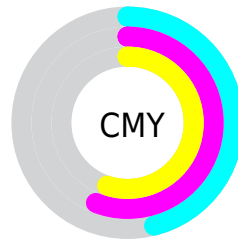


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (46%)



Cyan (46%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1534, 17.9482, 18.9779 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 19.1534, 17.9482, 18.9779 by changing the saturation by 10% instead.

■ 19.1534, 17.9482,
18.9779

■ 19.1534, 17.9482,
18.9779

240.2162,
240.5789, 258.7454

■ 11.8858, 10.9128,
11.4777

■ 41.5080, 39.9490,
42.5330

■ 6.7376, 6.0082,
6.2709

■ 57.3258, 55.6833,
59.4248

■ 3.3434, 2.8501,
2.9390

■ 76.7243, 75.0859,
80.2844

■ 1.3379, 1.0540,
1.0636

■ 100.0690, 98.5413,
105.5301

■ 0.2113, 0.0000,
0.0000

127.7252,
126.4340, 135.5805

■ 0.0000, 0.0000,
0.0000

160.0582,

159.1482, 170.8541

197.4334,
197.0684, 211.7696

■ 19.1534, 17.9482,
18.9779

■ 19.1534, 17.9482,
18.9779

■ 17.1659, 14.9425,
15.3264

■ 21.4479, 21.4447,
23.1105

■ 15.4707, 12.4034,
12.1374

■ 24.0603, 25.4502,
27.7399

■ 14.0544, 10.3081,
9.3924

■ 27.0025, 29.9849,
32.8821

■ 12.9018, 8.6309,
7.0716

■ 30.2857, 35.0669,
38.5525

■ 11.9960, 7.3436,
5.1535

■ 33.9204, 40.7139,
44.7655

■ 11.3184, 6.4144,
3.6144

■ 37.9166, 46.9425,
51.5351

■ 10.8475, 5.8064,
2.4284

■ 42.2839, 53.7686,
58.8748

■ 10.5352, 5.4302,
1.5585

■ 47.0317, 61.2077,
66.7975

■ 10.5069, 5.3945,
1.4846

■ 52.1690, 69.2745,
75.3158

Harmonies

Analogous

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



18.9701, 17.9482, 22.0313



19.1534, 17.9482, 18.9779



18.7572, 17.9482, 16.3558

Triad

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



19.1534, 17.9482, 18.9779



15.9068, 17.9482, 15.2009



16.2382, 17.9482, 25.3123

Complementary

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



19.1534, 17.9482, 18.9779



19.6668, 22.9373, 25.2217

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.



15.4670, 17.9482, 23.1184



19.1534, 17.9482, 18.9779



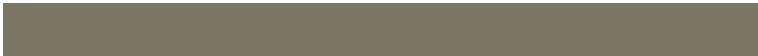
15.2812, 17.9482, 17.2486

Square

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



19.1534, 17.9482, 18.9779



16.8609, 17.9482, 14.3237



15.1235, 17.9482, 20.1183



17.2591, 17.9482, 25.8962

Rectangle

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



19.1534, 17.9482, 18.9779



18.2269, 17.9482, 15.1377



15.1235, 17.9482, 20.1183



15.9425, 17.9482, 24.7284

Sweetspot

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



19.1539, 17.9490, 18.9783



39.6803, 40.3486, 43.6520



19.6849, 18.0653, 26.1167



8.8455, 8.9664, 9.6938



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.



19.1539, 17.9490, 18.9783



32.6210, 29.5971, 30.9181



19.7594, 19.6129, 17.7841



5.0696, 5.0633, 5.4551



9.7906, 5.0264, 1.4019



0.0692, 0.0351, 0.0313

Inverse Universe

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



19.1539, 17.9490, 18.9783



32.6210, 29.5971, 30.9181



18.9482, 20.9396, 26.7103



5.0696, 5.0633, 5.4551



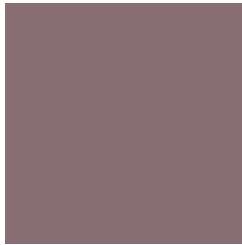
9.7906, 5.0264, 1.4019



0.0692, 0.0351, 0.0313

Previews

White Background



This preview shows how the XYZ color 19.1534, 17.9482, 18.9779 looks on a white background.

Color Contrast Check

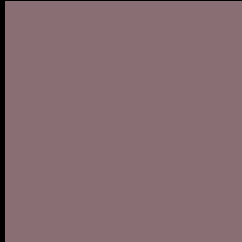
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1534, 17.9482, 18.9779 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

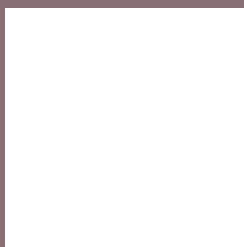
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1534, 17.9482, 18.9779

Background



This preview shows how black text looks on a background with the XYZ color 19.1534, 17.9482, 18.9779.



This preview shows how white text looks on a background with the XYZ color 19.1534, 17.9482,

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

19.1534, 17.9482, 18.9779

Protanopia

17.2988, 17.9764, 20.0108

Deuteranopia

18.3177, 18.0183, 18.7321



Tritanopia

19.3307, 18.0192, 19.9120

Trichromacy



Original Color

19.1534, 17.9482, 18.9779

Protanomaly

18.0049, 18.0051, 19.6659

Deuteranomaly

18.6725, 18.0346, 18.7165

Tritanomaly

19.2710, 17.9952, 19.5973

Monochromacy



Original Color

19.1534, 17.9482, 18.9779

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.1196, 18.2344, 19.7041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1534, 17.9482, 18.9779 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, 111, 116)` looks like.

```
.text, #text, p{  
    color:rgb(137, 111, 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(137, 111, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 111, 116) }
```

Border

The CSS property to change the border of an element to XYZ 19.1534, 17.9482, 18.9779 is called "border". The border property can be set on classes, ids or directly on the HTML element.

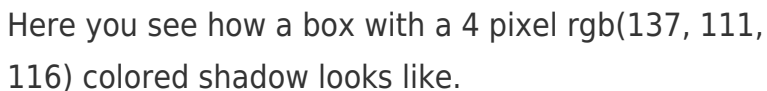
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 111, 116) }
```


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

```
.border{ border-color:rgb(137, 111, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 111, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 111, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 111, 116); box-shadow:4px 4px 4px 4px rgb(137, 111, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1534, 17.9482, 18.9779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 111, 116) }
```

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

```
.background{ background-color: rgb(137,  
111, 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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