

Converting Colors

XYZ(22.5638, 19.7763, 19.0579)

Have a look what the booklet for
XYZ(22.5638, 19.7763, 19.0579)
contains.

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Color

**XYZ(22.5471, 19.6978,
19.1367)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6F74
RGB	156, 111, 116
RGB Percent	61%, 44%, 45%
CMY	0.3882, 0.5647, 0.5451
CMYK	0.00, 0.29, 0.26, 0.39
HSL	353°, 19%, 52%
HSV	353°, 29%, 61%
XYZ	22.5471, 19.6978, 19.1367
YIQ	125.0250, 25.2150, 11.0950

Conversions

Conversions Part 2

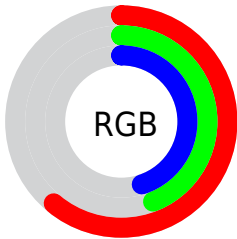
Format	Color
RYB	156, 111, 116
Decimal	10252148
CIELab	51.49, 18.60, 4.34
CIELCh	51, 19.097, 13.133
Yxy	19.6978, 0.3673, 0.3209
Android (android.graphics.Color)	4288442228 (0xFF9C6F74)
YUV	125.0250, -4.4493, 27.1651
Hunter-Lab	44.3822, 13.0129, 5.5029

Details

The XYZ color **22.5471, 19.6978, 19.1367** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.0307, 29.3912, 33.6861**, and the grayscale version is **19.5105, 20.5265, 22.3534**.

A 20% lighter version of the original color is **47.0290, 42.8704, 42.8419**, and **8.5298, 6.9154, 6.3541** is the 20% darker color. If you saturate the color by 10%, you get **20.2439, 16.2873, 14.6818**, and if you desaturate by 10%, it is **25.2691, 23.7528, 24.3258**.

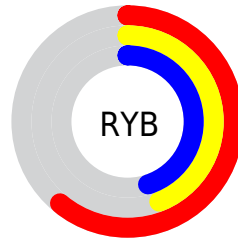
Distribution



Red (61%)

Green (44%)

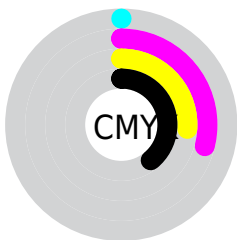
Blue (45%)



Red (61%)

Yellow (44%)

Blue (45%)

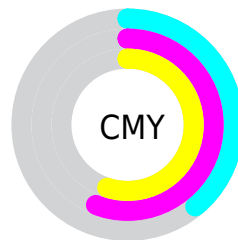


Cyan (0%)

Magenta (29%)

Yellow (26%)

Black (39%)



Cyan (39%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5471, 19.6978, 19.1367 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 22.5471, 19.6978, 19.1367 by changing the saturation by 10% instead.

■ 22.5471, 19.6978,
19.1367

■ 22.5471, 19.6978,
19.1367

257.9692,
250.2744, 259.6502

■ 14.3783, 12.1756,
11.5913

■ 47.1207, 42.9099,
42.8047

■ 8.4677, 6.8634,
6.3469

■ 64.2563, 59.3686,
59.7644

■ 4.4500, 3.3768,
2.9850

■ 85.1115, 79.5749,
80.6993

■ 1.9597, 1.3315,
1.0870

■ 110.0516,
103.9132, 106.0279

■ 0.6112, 0.1654,
0.0000

139.4421,
132.7680, 136.1687

■ 0.0000, 0.0000,
0.0000

173.6483,

166.5235, 171.5404

213.0356,
205.5641, 212.5614

■ 22.5471, 19.6978,
19.1367

■ 22.5471, 19.6978,
19.1367

■ 20.2439, 16.2873,
14.6818

■ 25.2691, 23.7528,
24.3258

■ 18.3371, 13.4856,
10.9268

■ 28.4276, 28.4803,
30.2790

■ 16.8047, 11.2576,
7.8363


■ 32.0413, 33.9099,
37.0258


■ 15.6218, 9.5635,
5.3714


■ 36.1273, 40.0687,
44.5941


■ 14.7606, 8.3584,
3.4891


■ 40.7017, 46.9821,
53.0103


 14.1887, 7.5901,
2.1410


 45.7800, 54.6746,
62.2994

 13.8468, 7.1539,
1.2638

 51.3769, 63.1695,
72.4857

 13.8140, 7.1094,
1.1878

 57.5066, 72.4891,
83.5924

 64.1828, 82.6547,
95.6417

Harmonies

Analogous

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



22.4768, 19.6978, 24.6595



22.5471, 19.6978, 19.1367



21.5437, 19.6978, 15.0080

Triad

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



22.5471, 19.6978, 19.1367



16.3129, 19.6978, 14.6279



17.6727, 19.6978, 33.2225

Complementary

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



22.5471, 19.6978, 19.1367



24.0307, 29.3912, 33.6861

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.



16.1584, 19.6978, 29.5071



22.5471, 19.6978, 19.1367



15.4108, 19.6978, 18.5274

Square

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



22.5471, 19.6978, 19.1367



17.8969, 19.6978, 12.7204



15.3563, 19.6978, 23.9373



19.5725, 19.6978, 33.4614

Rectangle

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



22.5471, 19.6978, 19.1367



20.4383, 19.6978, 13.3398



15.3563, 19.6978, 23.9373



17.1049, 19.6978, 32.3132

Sweetspot

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



22.5476, 19.6987, 19.1371



51.4275, 51.4207, 54.6103



24.4019, 20.3256, 34.0896



11.1347, 11.0426, 11.6757



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.5476, 19.6987, 19.1371



38.0074, 31.4122, 29.0757



24.3319, 23.7200, 18.3362



6.6615, 6.6575, 7.0687



11.3856, 5.8588, 1.0154



0.2112, 0.1078, 0.0585

Inverse Universe

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



22.5476, 19.6987, 19.1371



38.0074, 31.4122, 29.0757



21.7535, 24.1735, 34.9719



6.6615, 6.6575, 7.0687



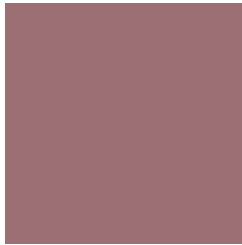
11.3856, 5.8588, 1.0154



0.2112, 0.1078, 0.0585

Previews

White Background



This preview shows how the XYZ color 22.5471, 19.6978, 19.1367 looks on a white background.

Color Contrast Check

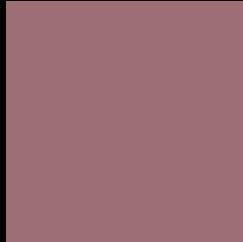
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 22.5471, 19.6978, 19.1367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

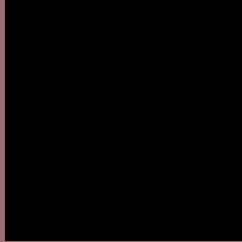
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5471, 19.6978, 19.1367

Background



This preview shows how black text looks on a background with the XYZ color 22.5471, 19.6978, 19.1367.



This preview shows how white text looks on a background with the XYZ color 22.5471, 19.6978,

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

22.5471, 19.6978, 19.1367

Protanopia

18.9298, 19.6842, 21.2141

Deuteranopia

20.1726, 19.8347, 18.9849



Tritanopia

22.7245, 19.7687, 20.0708

Trichromacy



Original Color

22.5471, 19.6978, 19.1367

Protanomaly

20.0219, 19.5472, 20.4870

Deuteranomaly

21.0170, 19.7483, 18.9238

Tritanomaly

22.6648, 19.7448, 19.7561

Monochromacy



Original Color

22.5471, 19.6978, 19.1367

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.3827, 20.0723, 21.2124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5471, 19.6978, 19.1367 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(156, 111, 116)` looks like.

```
.text, #text, p{  
    color:rgb(156, 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(156, 111, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 111, 116) }
```

Border

The CSS property to change the border of an element to XYZ 22.5471, 19.6978, 19.1367 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(156, 111, 116) }
```


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

```
.border{ border-color:rgb(156, 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(156, 111, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 111, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 111, 116);  
box-shadow:4px 4px 4px 4px rgb(156, 111,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5471, 19.6978, 19.1367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 111, 116) }
```

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

```
.background{ background-color: rgb(156,  
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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