

Converting Colors

XYZ(22.1379, 18.2101, 19.0561)

Have a look what the booklet for
XYZ(22.1379, 18.2101, 19.0561)
contains.

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Color

**XYZ(22.1617, 18.2540,
19.1849)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6775
RGB	158, 103, 117
RGB Percent	62%, 40%, 46%
CMY	0.3804, 0.5961, 0.5412
CMYK	0.00, 0.35, 0.26, 0.38
HSL	345°, 22%, 51%
HSV	345°, 35%, 62%
XYZ	22.1617, 18.2540, 19.1849
YIQ	121.0410, 28.2860, 16.0140

Conversions

Conversions Part 2

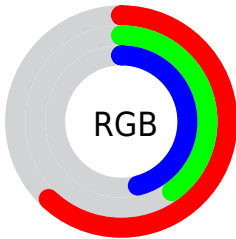
Format	Color
R_{YB}	158, 103, 117
Decimal	10381173
CIE _{Lab}	49.80, 24.11, 1.33
CIE _{LCh}	50, 24.150, 3.156
Yxy	18.2540, 0.3718, 0.3063
Android (android.graphics.Color)	4288571253 (0xFF9E6775)
YUV	121.0410, -1.9922, 32.4130
Hunter-Lab	42.7247, 17.8214, 3.2840

Details

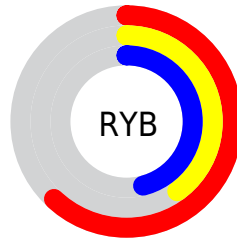
The XYZ color **22.1617, 18.2540, 19.1849** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.8553, 29.3514, 30.8480**, and the grayscale version is **18.1875, 19.1347, 20.8377**.

A 20% lighter version of the original color is **46.6143, 40.6034, 42.9165**, and **8.2661, 6.1653, 6.3846** is the 20% darker color. If you saturate the color by 10%, you get **20.0866, 15.1431, 15.2886**, and if you desaturate by 10%, it is **24.6220, 21.9954, 23.6400**.

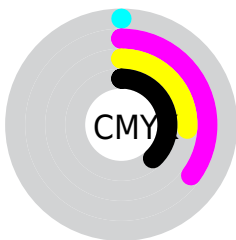
Distribution



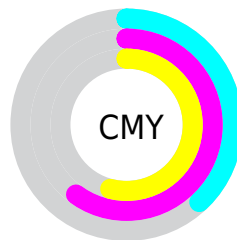
- Red (62%)
- Green (40%)
- Blue (46%)



- Red (62%)
- Yellow (40%)
- Blue (46%)



- Cyan (0%)
- Magenta (35%)
- Yellow (26%)
- Black (38%)



- Cyan (38%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1617, 18.2540, 19.1849 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 22.1617, 18.2540, 19.1849 by changing the saturation by 10% instead.

■ 22.1617, 18.2540,
19.1849

■ 22.1617, 18.2540,
19.1849

256.0061,
242.2988, 259.9243

■ 14.0930, 11.1325,
11.6258

■ 46.4900, 40.4697,
42.8872

■ 8.2675, 6.1560,
6.3700

■ 63.4803, 56.3326,
59.8674

■ 4.3199, 2.9402,
2.9989

■ 84.1752, 75.8782,
80.8251

■ 1.8846, 1.1006,
1.0941

■ 108.9400, 99.4907,
106.1788

■ 0.5679, 0.0000,
0.0000

138.1402,
127.5547, 136.3470

■ 0.0000, 0.0000,
0.0000

172.1410,

160.4544, 171.7483

211.3079,
198.5743, 212.8012

■ 22.1617, 18.2540,
19.1849

■ 22.1617, 18.2540,
19.1849

■ 20.0866, 15.1431,
15.2886

■ 24.6220, 21.9954,
23.6400

■ 18.3751, 12.6254,
11.9275

■ 27.4844, 26.3969,
28.6740

■ 17.0059, 10.6634,
9.0776

■ 30.7668, 31.4892,
34.3074


■ 15.9547, 9.2143,
6.7129


■ 34.4854, 37.3005,
40.5593


■ 15.1937, 8.2291,
4.8047


■ 38.6556, 43.8573,
47.4481


 14.6893, 7.6471,
3.3205

 43.2921, 51.1848,
54.9911

 14.4872, 7.4238,
2.6957

 48.4088, 59.3070,
63.2053

 54.0191, 68.2467,
72.1068

 60.1358, 78.0262,
81.7113

Harmonies

Analogous

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



21.6120, 18.2540, 26.1753



22.1617, 18.2540, 19.1849



21.3308, 18.2540, 13.7107

Triad

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



22.1617, 18.2540, 19.1849



15.0372, 18.2540, 11.0309



15.4246, 18.2540, 33.4867

Complementary

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



22.1617, 18.2540, 19.1849



22.8553, 29.3514, 30.8480

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.



13.8979, 18.2540, 27.6565



22.1617, 18.2540, 19.1849



13.6885, 18.2540, 14.6775

Square

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



22.1617, 18.2540, 19.1849



17.1070, 18.2540, 9.7053



13.2904, 18.2540, 20.5825



17.5950, 18.2540, 35.4325

Rectangle

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



22.1617, 18.2540, 19.1849



20.1453, 18.2540, 11.3504



13.2904, 18.2540, 20.5825



14.8258, 18.2540, 31.8610

Sweetspot

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



22.1622, 18.2549, 19.1853



52.5640, 52.0425, 56.6525



22.4080, 18.0396, 34.6488



11.6750, 11.4609, 12.4703



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.1622, 18.2549, 19.1853



37.1721, 28.5346, 29.0912



22.7756, 20.7017, 15.6285



6.6989, 6.6725, 7.2655



11.6168, 5.9513, 2.2330



0.2233, 0.1126, 0.1218

Inverse Universe

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



22.1622, 18.2549, 19.1853



37.1721, 28.5346, 29.0912



21.9167, 25.6546, 36.1446



6.6989, 6.6725, 7.2655



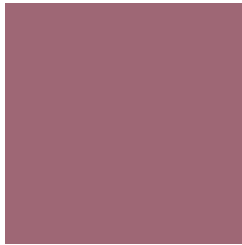
11.6168, 5.9513, 2.2330



0.2233, 0.1126, 0.1218

Previews

White Background



This preview shows how the XYZ color 22.1617, 18.2540, 19.1849 looks on a white background.

Color Contrast Check

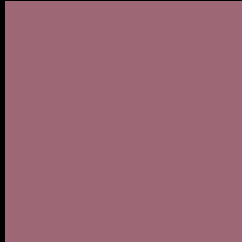
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1617, 18.2540, 19.1849 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 22.1617, 18.2540, 19.1849

Background



This preview shows how black text looks on a background with the XYZ color 22.1617, 18.2540, 19.1849.



This preview shows how white text looks on a background with the XYZ color 22.1617, 18.2540,

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

22.1617, 18.2540, 19.1849

Protanopia

17.8521, 18.3852, 22.3464

Deuteranopia

18.7410, 18.4048, 18.7844



Tritanopia

21.7796, 18.2386, 17.7017

Trichromacy



Original Color

22.1617, 18.2540, 19.1849

Protanomaly

19.1531, 18.2269, 21.2475

Deuteranomaly

19.8213, 18.2926, 19.0091

Tritanomaly

21.8922, 18.2836, 18.2948

Monochromacy



Original Color

22.1617, 18.2540, 19.1849

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.2390, 18.4590, 20.3182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1617, 18.2540, 19.1849 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(158, 103, 117)` looks like.

```
.text, #text, p{  
    color:rgb(158, 103, 117)  
}
```

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(158, 103, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 103, 117) }
```

Border

The CSS property to change the border of an element to XYZ 22.1617, 18.2540, 19.1849 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(158, 103, 117) }
```


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

```
.border{ border-color:rgb(158, 103, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 103, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 103, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 103, 117);  
box-shadow:4px 4px 4px 4px rgb(158, 103,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1617, 18.2540, 19.1849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 103, 117) }
```

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

```
.background{ background-color: rgb(158,  
103, 117) }
```

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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