

Converting Colors

XYZ(22.0535, 18.9853, 18.1250)

Have a look what the booklet for
XYZ(22.0535, 18.9853, 18.1250)
contains.

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Color

**XYZ(22.0535, 18.9853,
18.1250)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6C71
RGB	156, 108, 113
RGB Percent	61%, 42%, 44%
CMY	0.3882, 0.5765, 0.5569
CMYK	0.00, 0.31, 0.28, 0.39
HSL	354°, 20%, 52%
HSV	354°, 31%, 61%
XYZ	22.0535, 18.9853, 18.1250
YIQ	122.9220, 27.0030, 11.7310

Conversions

Conversions Part 2

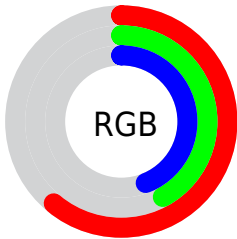
Format	Color
R _Y B	156, 108, 113
Decimal	10251377
CIE Lab	50.67, 19.87, 4.93
CIE LCh	51, 20.475, 13.929
Yxy	18.9853, 0.3728, 0.3209
Android (android.graphics.Color)	4288441457 (0xFF9C6C71)
YUV	122.9220, -4.8915, 29.0094
Hunter-Lab	43.5721, 14.0944, 5.8372

Details

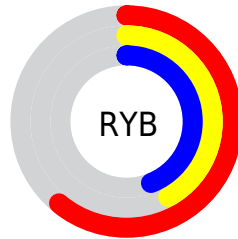
The XYZ color **22.0535, 18.9853, 18.1250** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.6595, 29.1999, 33.6687**, and the grayscale version is **18.8108, 19.7905, 21.5518**.

A 20% lighter version of the original color is **46.5137, 41.8553, 41.2246**, and **8.1635, 6.4969, 5.8248** is the 20% darker color. If you saturate the color by 10%, you get **19.8259, 15.6938, 13.7949**, and if you desaturate by 10%, it is **24.6977, 22.9159, 23.1923**.

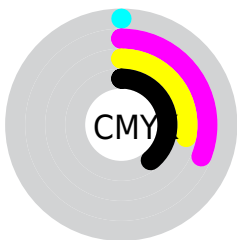
Distribution



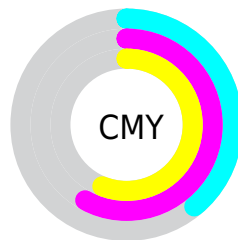
- Red (61%)
- Green (42%)
- Blue (44%)



- Red (61%)
- Yellow (42%)
- Blue (44%)



- Cyan (0%)
- Magenta (31%)
- Yellow (28%)
- Black (39%)



- Cyan (39%)
- Magenta (58%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0535, 18.9853, 18.1250 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 22.0535, 18.9853, 18.1250 by changing the saturation by 10% instead.

■ 22.0535, 18.9853,
18.1250

■ 22.0535, 18.9853,
18.1250

255.4526,
246.3676, 253.8344

■ 14.0130, 11.6597,
10.8694

■ 46.3126, 41.7093,
41.0670

■ 8.2115, 6.5124,
5.8660

■ 63.2619, 57.8764,
57.5905

■ 4.2835, 3.1591,
2.6963

■ 83.9116, 77.7594,
78.0404

■ 1.8637, 1.2153,
0.9416

■ 108.6270,
101.7428, 102.8352

■ 0.5556, 0.0742,
0.0000

137.7735,
130.2109, 132.3935

■ 0.0000, 0.0000,
0.0000

171.7163,

163.5482, 167.1337

210.8209,
202.1389, 207.4745

■ 22.0535, 18.9853,
18.1250

■ 22.0535, 18.9853,
18.1250

■ 19.8259, 15.6938,
13.7949

■ 24.6977, 22.9159,
23.1923

■ 17.9922, 13.0050,
10.1665

■ 27.7767, 27.5140,
29.0276

■ 16.5297, 10.8831,
7.2030

■ 31.3095, 32.8096,
35.6616

■ 15.4129, 9.2875,
4.8639

■ 35.3134, 38.8301,
43.1229

■ 14.6130, 8.1720,
3.1044

■ 39.8049, 45.6014,
51.4386

■ 14.0964, 7.4824,
1.8731

■ 44.7997, 53.1481,
60.6345

■ 13.8057, 7.1061,
1.1437

■ 50.3127, 61.4937,
70.7356

■ 56.3583, 70.6608,
81.7655

■ 62.9503, 80.6708,
93.7474

Harmonies

Analogous

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



22.0109, 18.9853, 23.8829



22.0535, 18.9853, 18.1250



20.9678, 18.9853, 13.9161

Triad

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



22.0535, 18.9853, 18.1250



15.4991, 18.9853, 13.6931



16.9981, 18.9853, 33.2071

Complementary

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



22.0535, 18.9853, 18.1250



23.6595, 29.1999, 33.6687

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.



15.4072, 18.9853, 29.3215



22.0535, 18.9853, 18.1250



14.5866, 18.9853, 17.7622

Square

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



22.0535, 18.9853, 18.1250



17.1323, 18.9853, 11.6969



14.5542, 18.9853, 23.4466



18.9895, 18.9853, 33.3538

Rectangle

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



22.0535, 18.9853, 18.1250



19.7937, 18.9853, 12.2522



14.5542, 18.9853, 23.4466



16.4024, 18.9853, 32.2666

Sweetspot

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



22.0540, 18.9862, 18.1254



51.4138, 51.4152, 54.5382



24.0153, 19.6484, 33.9793



11.1313, 11.0412, 11.6578



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.



22.0540, 18.9862, 18.1254



37.1599, 30.2001, 27.3044



23.9298, 23.1756, 17.4006



6.6597, 6.6568, 7.0593



11.3784, 5.8559, 0.9776



0.2107, 0.1076, 0.0554

Inverse Universe

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



22.0540, 18.9862, 18.1254



37.1599, 30.2001, 27.3044



21.2170, 23.6516, 34.8995



6.6597, 6.6568, 7.0593



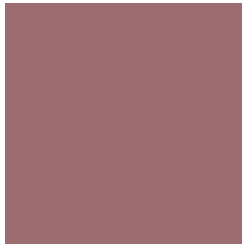
11.3784, 5.8559, 0.9776



0.2107, 0.1076, 0.0554

Previews

White Background



This preview shows how the XYZ color 22.0535, 18.9853, 18.1250 looks on a white background.

Color Contrast Check

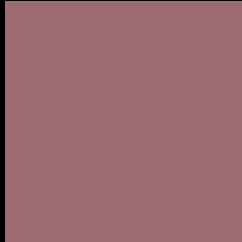
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0535, 18.9853, 18.1250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

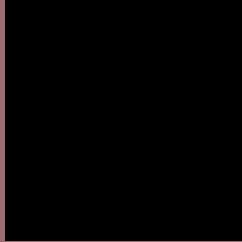
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.0535, 18.9853, 18.1250

Background



This preview shows how black text looks on a background with the XYZ color 22.0535, 18.9853, 18.1250.



This preview shows how white text looks on a background with the XYZ color 22.0535, 18.9853,

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

22.0535, 18.9853, 18.1250

Protanopia

18.2750, 19.0000, 20.4735

Deuteranopia

19.3839, 19.1045, 17.7048



Tritanopia

22.2252, 19.0540, 19.0294

Trichromacy



Original Color

22.0535, 18.9853, 18.1250

Protanomaly

19.4480, 18.9260, 19.4577

Deuteranomaly

20.2696, 19.0441, 17.9368

Tritanomaly

22.1674, 19.0308, 18.7246

Monochromacy



Original Color

22.0535, 18.9853, 18.1250

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.7999, 19.4397, 20.1614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0535, 18.9853, 18.1250 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, 108, 113)` looks like.

```
.text, #text, p{  
    color:rgb(156, 108, 113)  
}
```

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, 108, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 108, 113) }
```

Border

The CSS property to change the border of an element to XYZ 22.0535, 18.9853, 18.1250 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, 108, 113) }
```


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

```
.border{ border-color:rgb(156, 108, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 108, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 108, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 108, 113);  
box-shadow:4px 4px 4px 4px rgb(156, 108,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0535, 18.9853, 18.1250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 108, 113) }
```

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

```
.background{ background-color: rgb(156,  
108, 113) }
```

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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