

Converting Colors

XYZ(22.7344, 18.7644, 22.4664)

Have a look what the booklet for
XYZ(22.7344, 18.7644, 22.4664)
contains.

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Color

**XYZ(22.7870, 18.8036,
22.5071)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9D697F |
| RGB | 157, 105, 127 |
| RGB Percent | 62%, 41%, 50% |
| CMY | 0.3843, 0.5882, 0.5020 |
| CMYK | 0.00, 0.33, 0.19, 0.38 |
| HSL | 335°, 21%, 51% |
| HSV | 335°, 33%, 62% |
| XYZ | 22.7870, 18.8036, 22.5071 |
| YIQ | 123.0560, 23.9300, 17.8660 |

Conversions

Conversions Part 2

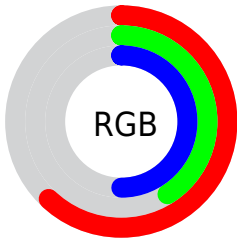
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 157, 105, 127 |
| Decimal | 10316159 |
| CIE _{Lab} | 50.46, 24.16, -3.67 |
| CIE _{LCh} | 50, 24.440, 351.355 |
| Yxy | 18.8036, 0.3555, 0.2934 |
| Android (android.graphics.Color) | 4288506239 (0xFF9D697F) |
| YUV | 123.0560, 1.9444, 29.7689 |
| Hunter-Lab | 43.3631, 17.9150, -0.4196 |

Details

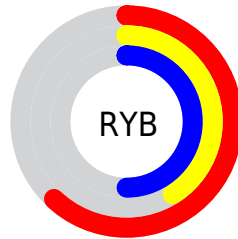
The XYZ color **22.7870, 18.8036, 22.5071** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.2567, 28.8670, 27.3220**, and the grayscale version is **18.8340, 19.8148, 21.5783**.

A 20% lighter version of the original color is **47.4466, 41.4063, 48.6715**, and **8.5472, 6.4194, 7.9963** is the 20% darker color. If you saturate the color by 10%, you get **20.7691, 15.6703, 19.0516**, and if you desaturate by 10%, it is **25.1543, 22.5504, 26.3414**.

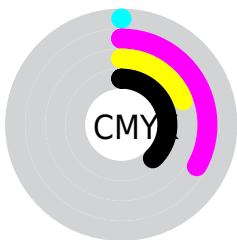
Distribution



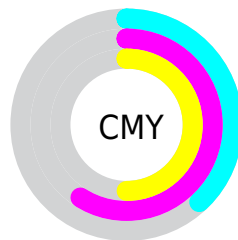
- Red (62%)
- Green (41%)
- Blue (50%)



- Red (62%)
- Yellow (41%)
- Blue (50%)



- Cyan (0%)
- Magenta (33%)
- Yellow (19%)
- Black (38%)





- Cyan (38%)
- Magenta (59%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.7870, 18.8036, 22.5071 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 22.7870, 18.8036, 22.5071 by changing the saturation by 10% instead.

 22.7870, 18.8036,
22.5071


 22.7870, 18.8036,
22.5071


259.1849,
245.3624, 278.2225


 14.5561, 11.5284,
14.0281


 47.5126, 41.4020,
48.4956


 8.5928, 6.4235,
8.0012


 64.7380, 57.4940,
66.8422

 4.5315, 3.1042,
4.0080

 85.6923, 77.2937,
89.3151

 2.0070, 1.1864,
1.6297

 110.7409,
101.1856, 116.3327

 0.6379, 0.0506,
0.3119

140.2491,
129.5540, 148.3138

 0.0000, 0.0000,
0.0000

174.5823,

162.7833, 185.6768

214.1057,
201.2580, 228.8402

■ 22.7870, 18.8036,
22.5071

■ 22.7870, 18.8036,
22.5071

■ 20.7691, 15.6703,
19.0516

■ 25.1543, 22.5504,
26.3414

■ 19.0812, 13.1146,
15.9610

■ 27.8858, 26.9385,
30.5654

■ 17.7048, 11.1013,
13.2220


■ 30.9973, 31.9975,
35.1910


■ 16.6183, 9.5899,
10.8201


■ 34.5031, 37.7540,
40.2291

■ 15.7973, 8.5342,
8.7394


■ 38.4170, 44.2334,
45.6902


 15.2132, 7.8794,
6.9618

 42.7518, 51.4598,
51.5844

 14.9005, 7.5664,
5.8941

 47.5199, 59.4560,
57.9215

 52.7332, 68.2441,
64.7108

 58.4032, 77.8452,
71.9615

Harmonies

Analogous

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



21.6884, 18.8036, 29.7938



22.7870, 18.8036, 22.5071



22.4802, 18.8036, 16.0643

Triad

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



22.7870, 18.8036, 22.5071



16.2577, 18.8036, 10.5357



15.1650, 18.8036, 32.5055

Complementary

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



22.7870, 18.8036, 22.5071



22.2567, 28.8670, 27.3220

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.



13.9414, 18.8036, 25.6246



22.7870, 18.8036, 22.5071



14.5322, 18.8036, 13.3337

Square

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



22.7870, 18.8036, 22.5071



18.5688, 18.8036, 10.0610



13.7205, 18.8036, 18.5670



17.1934, 18.8036, 36.3494

Rectangle

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



22.7870, 18.8036, 22.5071



21.5307, 18.8036, 12.9804



13.7205, 18.8036, 18.5670



14.6537, 18.8036, 30.4072

Sweetspot

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



22.7875, 18.8045, 22.5075



51.4993, 50.7684, 57.0879



21.0443, 17.6453, 34.1953



11.1782, 10.9218, 12.3307



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.



22.7875, 18.8045, 22.5075



37.9896, 29.2865, 35.5131



21.8671, 19.0128, 15.8830



6.7437, 6.6904, 7.5012



12.1196, 6.1524, 4.8808



0.2374, 0.1183, 0.1962

Inverse Universe

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



22.7875, 18.8045, 22.5075



37.9896, 29.2865, 35.5131



23.3909, 28.3956, 36.1466



6.7437, 6.6904, 7.5012



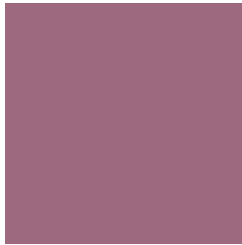
12.1196, 6.1524, 4.8808



0.2374, 0.1183, 0.1962

Previews

White Background



This preview shows how the XYZ color 22.7870, 18.8036, 22.5071 looks on a white background.

Color Contrast Check

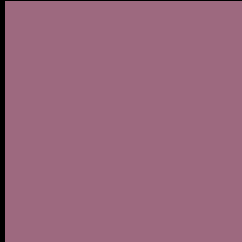
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7870, 18.8036, 22.5071 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 22.7870, 18.8036, 22.5071

Background



This preview shows how black text looks on a background with the XYZ color 22.7870, 18.8036, 22.5071.



This preview shows how white text looks on a background with the XYZ color 22.7870, 18.8036,

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

22.7870, 18.8036, 22.5071

Protanopia

18.6316, 19.0621, 25.9899

Deuteranopia

19.2689, 18.9491, 22.0440



Tritanopia

22.0625, 18.8211, 18.6897

Trichromacy



Original Color

22.7870, 18.8036, 22.5071

Protanomaly

19.8801, 18.8605, 24.7829

Deuteranomaly

20.4862, 18.8921, 22.3055

Tritanomaly

22.1941, 18.7079, 19.8940

Monochromacy



Original Color

22.7870, 18.8036, 22.5071

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.8752, 19.0969, 21.7073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7870, 18.8036, 22.5071 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(157, 105, 127)` looks like.

```
.text, #text, p{  
    color:rgb(157, 105, 127)  
}
```

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(157, 105, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 105, 127) }
```

Border

The CSS property to change the border of an element to XYZ 22.7870, 18.8036, 22.5071 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(157, 105, 127) }
```


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

```
.border{ border-color:rgb(157, 105, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 105, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 105, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 105, 127);  
box-shadow:4px 4px 4px 4px rgb(157, 105,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7870, 18.8036, 22.5071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 105, 127) }
```

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

```
.background{ background-color: rgb(157,  
105, 127) }
```

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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