

Converting Colors

XYZ(22.0940, 18.4385, 17.5420)

Have a look what the booklet for
XYZ(22.0940, 18.4385, 17.5420)
contains.

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Color

**XYZ(22.1176, 18.4193,
17.4285)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9F686F |
| RGB | 159, 104, 111 |
| RGB Percent | 62%, 41%, 44% |
| CMY | 0.3765, 0.5921, 0.5647 |
| CMYK | 0.00, 0.35, 0.30, 0.38 |
| HSL | 352°, 22%, 52% |
| HSV | 352°, 35%, 62% |
| XYZ | 22.1176, 18.4193, 17.4285 |
| YIQ | 121.2430, 30.5330, 13.8370 |

Conversions

Conversions Part 2

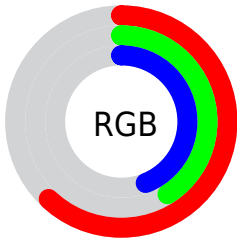
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 159, 104, 111 |
| Decimal | 10446959 |
| CIE Lab | 50.00, 23.06, 5.20 |
| CIE LCh | 50, 23.635, 12.717 |
| Yxy | 18.4193, 0.3816, 0.3178 |
| Android (android.graphics.Color) | 4288637039 (0xFF9F686F) |
| YUV | 121.2430, -5.0498, 33.1129 |
| Hunter-Lab | 42.9177, 16.8838, 5.9653 |

Details

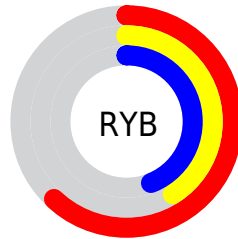
The XYZ color **22.1176, 18.4193, 17.4285** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.7753, 30.0066, 34.2461**, and the grayscale version is **18.2620, 19.2130, 20.9230**.

A 20% lighter version of the original color is **46.5237, 40.8684, 40.0866**, and **8.2552, 6.2514, 5.4742** is the 20% darker color. If you saturate the color by 10%, you get **19.9598, 15.2329, 13.2277**, and if you desaturate by 10%, it is **24.6969, 22.2585, 22.3559**.

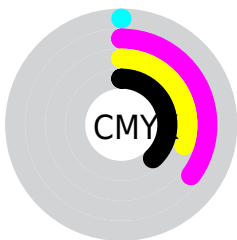
Distribution



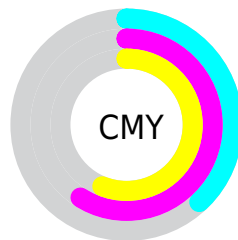
- Red (62%)
- Green (41%)
- Blue (44%)



- Red (62%)
- Yellow (41%)
- Blue (44%)



- Cyan (0%)
- Magenta (35%)
- Yellow (30%)
- Black (38%)





- Cyan (38%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.1176, 18.4193, 17.4285 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 22.1176, 18.4193, 17.4285 by changing the saturation by 10% instead.


 22.1176, 18.4193,
17.4285

 22.1176, 18.4193,
17.4285


255.7806,
243.2239, 249.7567


 14.0604, 11.2514,
10.3753


 46.4177, 40.7505,
39.8618


 8.2447, 6.2362,
5.5396


 63.3913, 56.6827,
56.0789

 4.3050, 2.9892,
2.5030

 84.0678, 76.3050,
76.1877

 1.8761, 1.1261,
0.8418

 108.8125,
100.0020, 100.6069

 0.5629, 0.0001,
0.0000

137.9908,
128.1580, 129.7548

 0.0000, 0.0000,
0.0000

171.9680,

161.1574, 164.0500

211.1095,
199.3846, 203.9112

■ 22.1176, 18.4193,
17.4285

■ 22.1176, 18.4193,
17.4285

■ 19.9598, 15.2329,
13.2277

■ 24.6969, 22.2585,
22.3559

■ 18.1995, 12.6605,
9.7181

■ 27.7170, 26.7812,
28.0409

■ 16.8127, 10.6631,
6.8625


■ 31.1978, 32.0194,
34.5142


■ 15.7720, 9.1965,
4.6204

■ 35.1576, 38.0023,
41.8043

■ 15.0462, 8.2096,
2.9461


■ 39.6135, 44.7575,
49.9383


 14.5979, 7.6403,
1.7875

 44.5820, 52.3111,
58.9421

 14.4263, 7.4222,
1.3448

 50.0787, 60.6880,
68.8405

 56.1186, 69.9122,
79.6572

 62.7160, 80.0064,
91.4151

Harmonies

Analogous

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



22.0126, 18.4193, 24.0019



22.1176, 18.4193, 17.4285



20.9125, 18.4193, 12.7166

Triad

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



22.1176, 18.4193, 17.4285



14.7107, 18.4193, 12.2040



16.2424, 18.4193, 34.5105

Complementary

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



22.1176, 18.4193, 17.4285



23.7753, 30.0066, 34.2461

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.



14.4928, 18.4193, 29.7832



22.1176, 18.4193, 17.4285



13.6624, 18.4193, 16.5672

Square

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



22.1176, 18.4193, 17.4285



16.5639, 18.4193, 10.1685



13.5863, 18.4193, 22.9340



18.4852, 18.4193, 34.8818

Rectangle

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



22.1176, 18.4193, 17.4285



19.5843, 18.4193, 10.8733



13.5863, 18.4193, 22.9340



15.5821, 18.4193, 33.3379

Sweetspot

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



22.1181, 18.4202, 17.4289



52.2769, 51.9277, 55.1406



24.0954, 19.0481, 35.2075



11.6029, 11.4321, 12.0909



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.



22.1181, 18.4202, 17.4289



36.3845, 28.2195, 24.9434



24.0259, 22.8283, 16.2379



6.6657, 6.6592, 7.0907



11.4036, 5.8660, 1.1106



0.2126, 0.1084, 0.0656

Inverse Universe

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



22.1181, 18.4202, 17.4289



36.3845, 28.2195, 24.9434



21.1762, 23.8640, 36.2909



6.6657, 6.6592, 7.0907



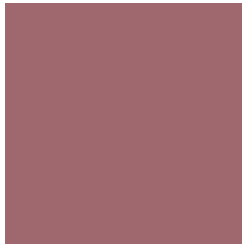
11.4036, 5.8660, 1.1106



0.2126, 0.1084, 0.0656

Previews

White Background



This preview shows how the XYZ color 22.1176, 18.4193, 17.4285 looks on a white background.

Color Contrast Check

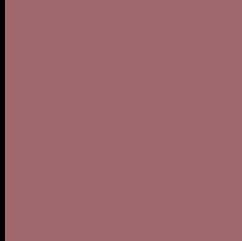
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1176, 18.4193, 17.4285 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 22.1176, 18.4193, 17.4285

Background



This preview shows how black text looks on a background with the XYZ color 22.1176, 18.4193, 17.4285.



This preview shows how white text looks on a background with the XYZ color 22.1176, 18.4193,

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

22.1176, 18.4193, 17.4285

Protanopia

17.8118, 18.5905, 20.1023

Deuteranopia

18.8827, 18.5165, 17.0468



Tritanopia

22.1730, 18.4414, 17.7201

Trichromacy



Original Color

22.1176, 18.4193, 17.4285

Protanomaly

19.1614, 18.4465, 19.0736

Deuteranomaly

20.0005, 18.4240, 17.2539

Tritanomaly

22.1730, 18.4414, 17.7201

Monochromacy



Original Color

22.1176, 18.4193, 17.4285

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.3333, 18.6967, 19.4195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1176, 18.4193, 17.4285 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(159, 104, 111)` looks like.

```
.text, #text, p{  
    color:rgb(159, 104, 111)  
}
```

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(159, 104, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 104, 111) }
```

Border

The CSS property to change the border of an element to XYZ 22.1176, 18.4193, 17.4285 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(159, 104, 111) }
```


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

```
.border{ border-color:rgb(159, 104, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 104, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 104, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 104, 111);  
box-shadow:4px 4px 4px 4px rgb(159, 104,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1176, 18.4193, 17.4285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 104, 111) }
```

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

```
.background{ background-color: rgb(159,  
104, 111) }
```

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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