

Converting Colors

XYZ(22.3907, 17.8181, 21.9213)

Have a look what the booklet for
XYZ(22.3907, 17.8181, 21.9213)
contains.

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Color

**XYZ(22.4236, 17.8898,
22.0099)**

Conversions

Conversions Part 1

Format	Color
Hex	9E647E
RGB	158, 100, 126
RGB Percent	62%, 39%, 49%
CMY	0.3804, 0.6078, 0.5059
CMYK	0.00, 0.37, 0.20, 0.38
HSL	333°, 23%, 51%
HSV	333°, 37%, 62%
XYZ	22.4236, 17.8898, 22.0099
YIQ	120.3060, 26.2220, 20.3820

Conversions

Conversions Part 2

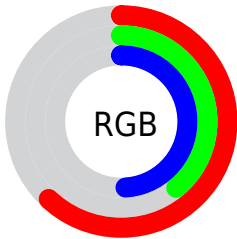
Format	Color
R_{YB}	158, 100, 126
Decimal	10380414
CIE Lab	49.36, 27.22, -4.68
CIE LCh	49, 27.619, 350.237
Yxy	17.8898, 0.3598, 0.2870
Android (android.graphics.Color)	4288570494 (0xFF9E647E)
YUV	120.3060, 2.8071, 33.0576
Hunter-Lab	42.2963, 20.6140, -1.2455

Details

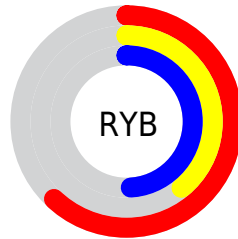
The XYZ color **22.4236, 17.8898, 22.0099** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.6480, 28.8294, 26.2548**, and the grayscale version is **17.9364, 18.8705, 20.5500**.

A 20% lighter version of the original color is **47.0965, 40.0073, 47.8877**, and **8.3932, 5.9951, 7.7360** is the 20% darker color. If you saturate the color by 10%, you get **20.5144, 14.9325, 18.7180**, and if you desaturate by 10%, it is **24.6768, 21.4562, 25.6587**.

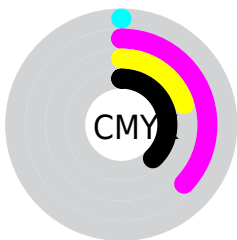
Distribution



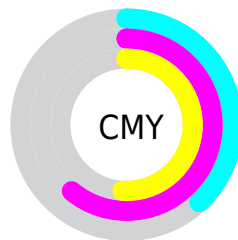
- Red (62%)
- Green (39%)
- Blue (49%)



- Red (62%)
- Yellow (39%)
- Blue (49%)



- Cyan (0%)
- Magenta (37%)
- Yellow (20%)
- Black (38%)



- Cyan (38%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4236, 17.8898, 22.0099 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 22.4236, 17.8898, 22.0099 by changing the saturation by 10% instead.

■ 22.4236, 17.8898,
22.0099

■ 22.4236, 17.8898,
22.0099

257.3415,
240.2492, 275.5532

■ 14.2868, 10.8709,
13.6658

■ 46.9188, 39.8495,
47.6648

■ 8.4035, 5.9801,
7.7525

■ 64.0079, 55.5590,
65.8126

■ 4.4081, 2.8330,
3.8515

■ 84.8119, 74.9342,
88.0654

■ 1.9355, 1.0452,
1.5442

■ 109.6960, 98.3595,
114.8417

■ 0.5974, 0.0000,
0.2506

139.0257,
126.2192, 146.5601

■ 0.0000, 0.0000,
0.0000

173.1662,

158.8978, 183.6392

212.4831,
196.7797, 226.4973

■ 22.4236, 17.8898,
22.0099

■ 22.4236, 17.8898,
22.0099

■ 20.5144, 14.9325,
18.7180

■ 24.6768, 21.4562,
25.6587

■ 18.9292, 12.5472,
15.7698

■ 27.2893, 25.6609,
29.6749

■ 17.6486, 10.6965,
13.1524


■ 30.2774, 30.5345,
34.0698


■ 16.6500, 9.3377,
10.8517


■ 33.6558, 36.1048,
38.8539


■ 15.9076, 8.4211,
8.8521


■ 37.4385, 42.3978,
44.0372


 15.3828, 7.8724,
7.1335

 41.6386, 49.4384,
49.6293

 15.2323, 7.7218,
6.6191

 46.2690, 57.2502,
55.6394

 51.3416, 65.8558,
62.0764

 56.8680, 75.2769,
68.9492

Harmonies

Analogous

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



21.1448, 17.8898, 30.1505



22.4236, 17.8898, 22.0099



22.1407, 17.8898, 14.9330

Triad

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



22.4236, 17.8898, 22.0099



15.3319, 17.8898, 8.8943



14.0015, 17.8898, 32.6926

Complementary

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



22.4236, 17.8898, 22.0099



21.6480, 28.8294, 26.2548

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.



12.7300, 17.8898, 24.8648



22.4236, 17.8898, 22.0099



13.4420, 17.8898, 11.6794

Square

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



22.4236, 17.8898, 22.0099



17.8659, 17.8898, 8.4991



12.5361, 17.8898, 17.1499



16.1697, 17.8898, 37.2771

Rectangle

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



22.4236, 17.8898, 22.0099



21.1141, 17.8898, 11.6150



12.5361, 17.8898, 17.1499



13.4648, 17.8898, 30.2721

Sweetspot

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



22.4241, 17.8906, 22.0103



52.4508, 51.3065, 58.1858



20.2295, 16.4814, 34.4629



11.6706, 11.3152, 12.8906



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.



22.4241, 17.8906, 22.0103



37.8489, 28.0291, 35.0481



21.2418, 17.8707, 14.3875



6.7504, 6.6931, 7.5369



12.2188, 6.1921, 5.4031



0.2395, 0.1191, 0.2073

Inverse Universe

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



22.4241, 17.8906, 22.0103



37.8489, 28.0291, 35.0481



23.1656, 28.6543, 36.6578



6.7504, 6.6931, 7.5369



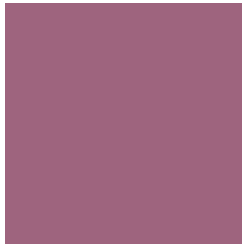
12.2188, 6.1921, 5.4031



0.2395, 0.1191, 0.2073

Previews

White Background



This preview shows how the XYZ color 22.4236, 17.8898, 22.0099 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 22.4236, 17.8898, 22.0099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

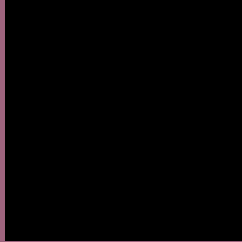
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4236, 17.8898, 22.0099

Background



This preview shows how black text looks on a background with the XYZ color 22.4236, 17.8898, 22.0099.



This preview shows how white text looks on a background with the XYZ color 22.4236, 17.8898,

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

22.4236, 17.8898, 22.0099

Protanopia

17.8161, 18.1061, 26.2227

Deuteranopia

18.3449, 17.9767, 21.2419



Tritanopia

21.4298, 17.9161, 17.3676

Trichromacy



Original Color

22.4236, 17.8898, 22.0099

Protanomaly

19.1240, 17.8082, 24.6197

Deuteranomaly

19.5880, 17.7958, 21.4713

Tritanomaly

21.8084, 17.9318, 18.8348

Monochromacy



Original Color

22.4236, 17.8898, 22.0099

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.2495, 18.2837, 20.9269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4236, 17.8898, 22.0099 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, 100, 126)` looks like.

```
.text, #text, p{  
    color:rgb(158, 100, 126)  
}
```

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, 100, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 100, 126) }
```

Border

The CSS property to change the border of an element to XYZ 22.4236, 17.8898, 22.0099 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, 100, 126) }
```


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

```
.border{ border-color:rgb(158, 100, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 100, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 100, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 100, 126);  
box-shadow:4px 4px 4px 4px rgb(158, 100,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4236, 17.8898, 22.0099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 100, 126) }
```

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

```
.background{ background-color: rgb(158,  
100, 126) }
```

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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