

Converting Colors

XYZ(22.4559, 19.7798, 20.7091)

Have a look what the booklet for
XYZ(22.4559, 19.7798, 20.7091)
contains.

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Color

**XYZ(22.3822, 19.7411,
20.7199)**

Conversions

Conversions Part 1

Format	Color
Hex	997079
RGB	153, 112, 121
RGB Percent	60%, 44%, 47%
CMY	0.4000, 0.5608, 0.5255
CMYK	0.00, 0.27, 0.21, 0.40
HSL	347°, 17%, 52%
HSV	347°, 27%, 60%
XYZ	22.3822, 19.7411, 20.7199
YIQ	125.2850, 21.5470, 11.4910

Conversions

Conversions Part 2

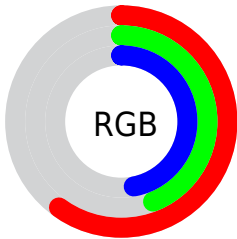
Format	Color
R_{YB}	153, 112, 121
Decimal	10055801
CIE Lab	51.54, 17.63, 1.42
CIE LCh	52, 17.685, 4.594
Yxy	19.7411, 0.3562, 0.3141
Android (android.graphics.Color)	4288245881 (0xFF997079)
YUV	125.2850, -2.1125, 24.3061
Hunter-Lab	44.4310, 12.1656, 3.4524

Details

The XYZ color **22.3822, 19.7411, 20.7199** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.1081, 28.2413, 30.6201**, and the grayscale version is **19.5913, 20.6116, 22.4460**.

A 20% lighter version of the original color is **46.8307, 42.9779, 45.3625**, and **8.4028, 6.9145, 7.1951** is the 20% darker color. If you saturate the color by 10%, you get **20.1478, 16.3725, 16.5828**, and if you desaturate by 10%, it is **24.9953, 23.7216, 25.4310**.

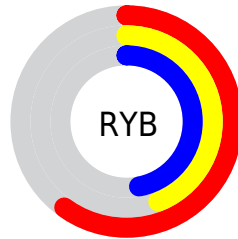
Distribution



Red (60%)

Green (44%)

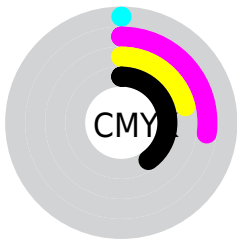
Blue (47%)



Red (60%)

Yellow (44%)

Blue (47%)

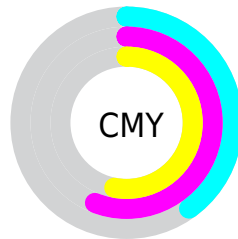


Cyan (0%)

Magenta (27%)

Yellow (21%)

Black (40%)



Cyan (40%)


Magenta (56%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.3822, 19.7411, 20.7199 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 22.3822, 19.7411, 20.7199 by changing the saturation by 10% instead.


 22.3822, 19.7411,
20.7199


 22.3822, 19.7411,
20.7199


257.1308,
250.5101, 268.5181


 14.2562, 12.2070,
12.7302


 46.8510, 42.9827,
45.4956

 8.3819, 6.8848,
7.1145


 63.9246, 59.4590,
63.1187

 4.3942, 3.3902,
3.4543


 84.7113, 79.6847,
84.7900

 1.9274, 1.3387,
1.3310

 109.5767,
104.0444, 110.9280

 0.5927, 0.1708,
0.0870

138.8859,
132.9224, 141.9512

 0.0000, 0.0000,
0.0000

173.0044,

166.7031, 178.2783

212.2976,
205.7708, 220.3278

■ 22.3822, 19.7411,
20.7199

■ 22.3822, 19.7411,
20.7199

■ 20.1478, 16.3725,
16.5828

■ 24.9953, 23.7216,
25.4310

■ 18.2725, 13.5826,
12.9963

■ 28.0020, 28.3393,
30.7359

■ 16.7378, 11.3395,
9.9372


■ 31.4185, 33.6217,
36.6550


■ 15.5225, 9.6070,
7.3799


■ 35.2595, 39.5937,
43.2070


■ 14.6030, 8.3443,
5.2968


■ 39.5390, 46.2789,
50.4103


 13.9524, 7.5046,
3.6574


 44.2704, 53.6998,
58.2822

 13.5305, 7.0149,
2.4246

 49.4664, 61.8780,
66.8394

 13.4196, 6.8854,
2.1033

 55.1394, 70.8341,
76.0981

 61.3012, 80.5880,
86.0740

Harmonies

Analogous

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



22.0245, 19.7411, 25.9758



22.3822, 19.7411, 20.7199



21.7212, 19.7411, 16.4005

Triad

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



22.3822, 19.7411, 20.7199



16.8882, 19.7411, 14.3992



17.3342, 19.7411, 31.6092

Complementary

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



22.3822, 19.7411, 20.7199



23.1081, 28.2413, 30.6201

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.



16.0870, 19.7411, 27.5477



22.3822, 19.7411, 20.7199



15.8411, 19.7411, 17.5611

Square

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



22.3822, 19.7411, 20.7199



18.4908, 19.7411, 13.1365



15.5572, 19.7411, 22.2886



19.0385, 19.7411, 32.8081

Rectangle

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



22.3822, 19.7411, 20.7199



20.8149, 19.7411, 14.4602



15.5572, 19.7411, 22.2886



16.8512, 19.7411, 30.5051

Sweetspot

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



22.3827, 19.7420, 20.7203



49.3717, 49.5561, 53.6855



22.9474, 19.7676, 32.7432



10.7276, 10.6744, 11.5487



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.3827, 19.7420, 20.7203



37.6682, 31.7038, 32.6601



23.1368, 22.0924, 18.3752



6.2615, 6.2438, 6.7574



11.1018, 5.6950, 1.7952



0.1776, 0.0898, 0.0883

Inverse Universe

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



22.3827, 19.7420, 20.7203



37.6682, 31.7038, 32.6601



22.1155, 25.1111, 33.8184



6.2615, 6.2438, 6.7574



11.1018, 5.6950, 1.7952



0.1776, 0.0898, 0.0883

Previews

White Background



This preview shows how the XYZ color 22.3822, 19.7411, 20.7199 looks on a white background.

Color Contrast Check

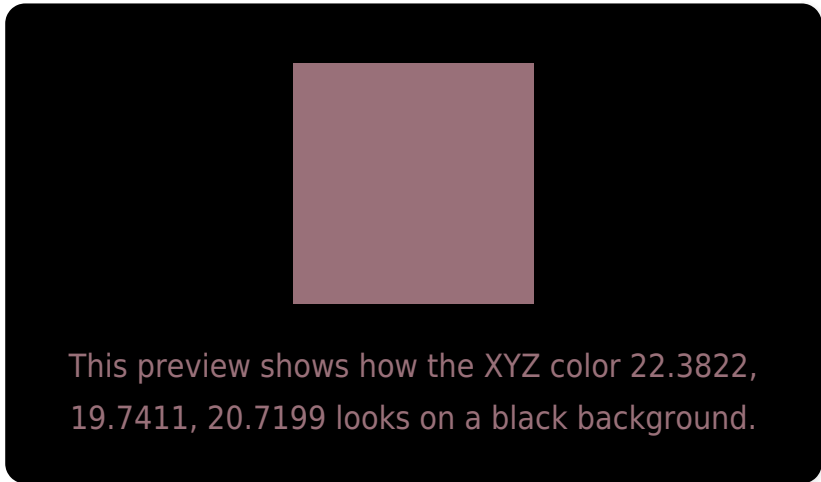
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

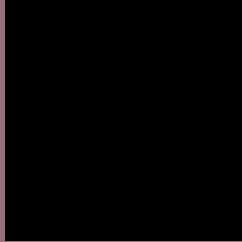
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.3822, 19.7411, 20.7199

Background



This preview shows how black text looks on a background with the XYZ color 22.3822, 19.7411, 20.7199.



This preview shows how white text looks on a background with the XYZ color 22.3822, 19.7411,

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

22.3822, 19.7411, 20.7199

Protanopia

19.1025, 19.7365, 22.8814

Deuteranopia

20.1403, 19.7840, 20.5265



Tritanopia

22.3822, 19.7411, 20.7199

Trichromacy



Original Color

22.3822, 19.7411, 20.7199

Protanomaly

20.1718, 19.5884, 22.1198

Deuteranomaly

20.7909, 19.5976, 20.4562

Tritanomaly

22.3822, 19.7411, 20.7199

Monochromacy



Original Color

22.3822, 19.7411, 20.7199

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.3462, 20.0391, 21.8643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3822, 19.7411, 20.7199 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(153, 112, 121)` looks like.

```
.text, #text, p{  
    color:rgb(153, 112, 121)  
}
```

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(153, 112, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 112, 121) }
```

Border

The CSS property to change the border of an element to XYZ 22.3822, 19.7411, 20.7199 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(153, 112, 121) }
```


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

```
.border{ border-color:rgb(153, 112, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 112, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 112, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 112, 121);  
box-shadow:4px 4px 4px 4px rgb(153, 112,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3822, 19.7411, 20.7199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 112, 121) }
```

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

```
.background{ background-color: rgb(153,  
112, 121) }
```

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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