

Converting Colors

XYZ(22.5273, 19.8033, 20.8089)

Have a look what the booklet for
XYZ(22.5273, 19.8033, 20.8089)
contains.

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Color

**XYZ(22.5718, 19.8388,
20.7288)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9A7079 |
| RGB | 154, 112, 121 |
| RGB Percent | 60%, 44%, 47% |
| CMY | 0.3961, 0.5608, 0.5255 |
| CMYK | 0.00, 0.27, 0.21, 0.40 |
| HSL | 347°, 17%, 52% |
| HSV | 347°, 27%, 60% |
| XYZ | 22.5718, 19.8388, 20.7288 |
| YIQ | 125.5840, 22.1430, 11.7030 |

Conversions

Conversions Part 2

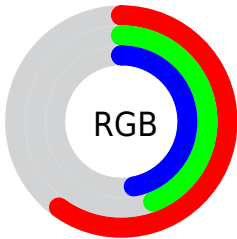
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 154, 112, 121 |
| Decimal | 10121337 |
| CIE _{Lab} | 51.65, 18.02, 1.59 |
| CIE _{LCh} | 52, 18.088, 5.048 |
| Yxy | 19.8388, 0.3575, 0.3142 |
| Android (android.graphics.Color) | 4288311417 (0xFF9A7079) |
| YUV | 125.5840, -2.2599, 24.9208 |
| Hunter-Lab | 44.5408, 12.5116, 3.5856 |

Details

The XYZ color **22.5718, 19.8388, 20.7288** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.3493, 28.6008, 31.0793**, and the grayscale version is **19.6927, 20.7182, 22.5621**.

A 20% lighter version of the original color is **47.1128, 43.1234, 45.3757**, and **8.5155, 6.9726, 7.2004** is the 20% darker color. If you saturate the color by 10%, you get **20.3196, 16.4484, 16.5437**, and if you desaturate by 10%, it is **25.2088, 23.8496, 25.5019**.

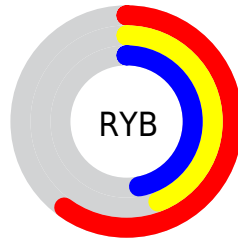
Distribution



Red (60%)

Green (44%)

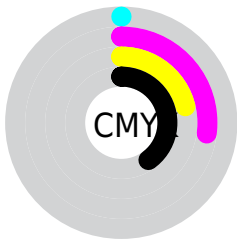
Blue (47%)



Red (60%)

Yellow (44%)

Blue (47%)

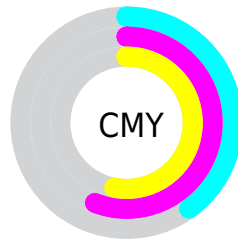


Cyan (0%)

Magenta (27%)

Yellow (21%)

Black (40%)



Cyan (40%)


Magenta (56%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.5718, 19.8388, 20.7288 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 22.5718, 19.8388, 20.7288 by changing the saturation by 10% instead.


 22.5718, 19.8388,
20.7288


 22.5718, 19.8388,
20.7288

258.0946,
251.0411, 268.5672


 14.3966, 12.2779,
12.7366


 47.1611, 43.1468,
45.5107


 8.4806, 6.9332,
7.1188


 64.3059, 59.6626,
63.1374

 4.4583, 3.4204,
3.4570

 85.1713, 79.9323,
84.8127

 1.9646, 1.3549,
1.3324

 110.1227,
104.3401, 110.9552

 0.6139, 0.1832,
0.0881

139.5253,
133.2705, 141.9833

 0.0000, 0.0000,
0.0000

173.7446,

167.1079, 178.3157

213.1459,
206.2366, 220.3708

■ 22.5718, 19.8388,
20.7288

■ 22.5718, 19.8388,
20.7288

■ 20.3196, 16.4484,
16.5437

■ 25.2088, 23.8496,
25.5019

■ 18.4324, 13.6446,
12.9224

■ 28.2460, 28.5067,
30.8836

■ 16.8910, 11.3947,
9.8408


■ 31.6999, 33.8381,
36.8949


■ 15.6738, 9.6617,
7.2724


■ 35.5856, 39.8691,
43.5553


■ 14.7565, 8.4039,
5.1885


■ 39.9174, 46.6239,
50.8836


 14.1115, 7.5732,
3.5574

 44.7089, 54.1254,
58.8979

 13.6951, 7.0905,
2.3396

 49.9733, 62.3956,
67.6154

 13.6009, 6.9798,
2.0687

 55.7230, 71.4555,
77.0529

 61.9702, 81.3254,
87.2265

Harmonies

Analogous

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



22.2198, 19.8388, 26.1236



22.5718, 19.8388, 20.7288



21.8771, 19.8388, 16.3289

Triad

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



22.5718, 19.8388, 20.7288



16.9121, 19.8388, 14.3745



17.4144, 19.8388, 32.0532

Complementary

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



22.5718, 19.8388, 20.7288



23.3493, 28.6008, 31.0793

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.



16.1270, 19.8388, 27.9011



22.5718, 19.8388, 20.7288



15.8504, 19.8388, 17.6332

Square

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



22.5718, 19.8388, 20.7288



18.5491, 19.8388, 13.0577



15.5725, 19.8388, 22.4975



19.1666, 19.8388, 33.2369

Rectangle

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



22.5718, 19.8388, 20.7288



20.9386, 19.8388, 14.3671



15.5725, 19.8388, 22.4975



16.9166, 19.8388, 30.9288

Sweetspot

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



22.5724, 19.8397, 20.7292



50.7896, 50.9827, 55.1865



23.2870, 19.9330, 33.1922



11.3090, 11.2524, 12.1621



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.



22.5724, 19.8397, 20.7292



38.3104, 31.9767, 32.6762



23.4468, 22.4310, 18.4241



6.2603, 6.2433, 6.7507



11.0923, 5.6912, 1.7453



0.1773, 0.0897, 0.0864

Inverse Universe

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



22.5724, 19.8397, 20.7292



38.3104, 31.9767, 32.6762



22.2034, 25.1543, 34.2571



6.2603, 6.2433, 6.7507



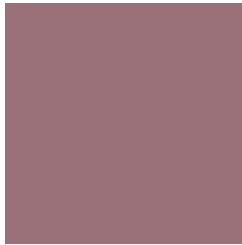
11.0923, 5.6912, 1.7453



0.1773, 0.0897, 0.0864

Previews

White Background



This preview shows how the XYZ color 22.5718, 19.8388, 20.7288 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 22.5718, 19.8388, 20.7288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

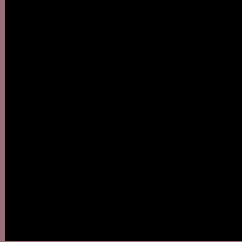
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5718, 19.8388, 20.7288

Background



This preview shows how black text looks on a background with the XYZ color 22.5718, 19.8388, 20.7288.



This preview shows how white text looks on a background with the XYZ color 22.5718, 19.8388,

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

22.5718, 19.8388, 20.7288

Protanopia

19.2259, 19.9833, 22.9225

Deuteranopia

20.3035, 19.8681, 20.5341



Tritanopia

22.5718, 19.8388, 20.7288

Trichromacy



Original Color

22.5718, 19.8388, 20.7288

Protanomaly

20.2902, 19.8252, 22.1593

Deuteranomaly

20.9632, 19.6865, 20.4643

Tritanomaly

22.5718, 19.8388, 20.7288

Monochromacy



Original Color

22.5718, 19.8388, 20.7288

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.6288, 20.3642, 21.9122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5718, 19.8388, 20.7288 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(154, 112, 121)` looks like.

```
.text, #text, p{  
    color:rgb(154, 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(154, 112, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 112, 121) }
```

Border

The CSS property to change the border of an element to XYZ 22.5718, 19.8388, 20.7288 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(154, 112, 121) }
```


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

```
.border{ border-color:rgb(154, 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(154, 112, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 112, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 112, 121);  
box-shadow:4px 4px 4px 4px rgb(154, 112,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5718, 19.8388, 20.7288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 112, 121) }
```

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

```
.background{ background-color: rgb(154,  
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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