

Converting Colors

XYZ(22.7849, 19.7929, 20.3888)

Have a look what the booklet for
XYZ(22.7849, 19.7929, 20.3888)
contains.

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Color

**XYZ(22.7849, 19.7929,
20.3888)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6F78
RGB	156, 111, 120
RGB Percent	61%, 44%, 47%
CMY	0.3882, 0.5647, 0.5294
CMYK	0.00, 0.29, 0.23, 0.39
HSL	348°, 19%, 52%
HSV	348°, 29%, 61%
XYZ	22.7849, 19.7929, 20.3888
YIQ	125.4810, 23.9310, 12.3390

Conversions

Conversions Part 2

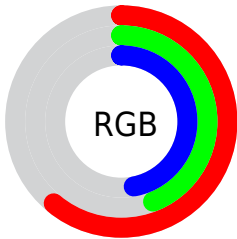
Format	Color
R_{YB}	156, 111, 120
Decimal	10252152
CIE _{Lab}	51.60, 19.21, 2.13
CIE _{LCh}	52, 19.333, 6.338
Yxy	19.7929, 0.3619, 0.3143
Android (android.graphics.Color)	4288442232 (0xFF9C6F78)
YUV	125.4810, -2.7021, 26.7652
Hunter-Lab	44.4892, 13.5617, 3.9706

Details

The XYZ color **22.7849, 19.7929, 20.3888** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.7113, 29.2635, 32.0040**, and the grayscale version is **19.6589, 20.6827, 22.5235**.

A 20% lighter version of the original color is **47.4076, 43.0218, 44.8351**, and **8.6561, 6.9659, 7.0192** is the 20% darker color. If you saturate the color by 10%, you get **20.5203, 16.3979, 16.1373**, and if you desaturate by 10%, it is **25.4466, 23.8238, 25.2603**.

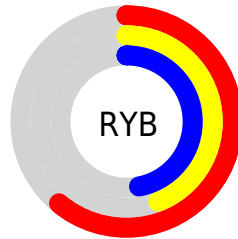
Distribution



Red (61%)

Green (44%)

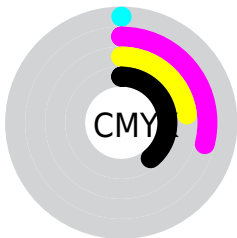
Blue (47%)



Red (61%)

Yellow (44%)

Blue (47%)

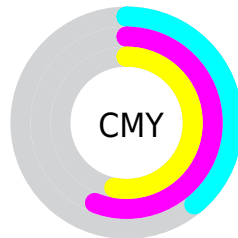


Cyan (0%)

Magenta (29%)

Yellow (23%)

Black (39%)



Cyan (39%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7849, 19.7929, 20.3888 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 22.7849, 19.7929, 20.3888 by changing the saturation by 10% instead.

■ 22.7849, 19.7929,
20.3888

■ 22.7849, 19.7929,
20.3888

259.1743,
250.7918, 266.6857

■ 14.5546, 12.2446,
12.4911

■ 47.5092, 43.0697,
44.9356

■ 8.5917, 6.9105,
6.9525

■ 64.7338, 59.5670,
62.4218

■ 4.5308, 3.4062,
3.3544

■ 85.6873, 79.8160,
83.9412

■ 2.0066, 1.3473,
1.2783

■ 110.7349,
104.2012, 109.9124

■ 0.6377, 0.1774,
0.0439

140.2421,
133.1070, 140.7539

■ 0.0000, 0.0000,
0.0000

174.5741,

166.9178, 176.8842

214.0964,
206.0179, 218.7220

■ 22.7849, 19.7929,
20.3888

■ 22.7849, 19.7929,
20.3888

■ 20.5203, 16.3979,
16.1373

■ 25.4466, 23.8238,
25.2603

■ 18.6320, 13.6036,
12.4795

■ 28.5217, 28.5180,
30.7742

■ 17.0996, 11.3755,
9.3889


■ 32.0276, 33.9044,
36.9534


■ 15.9001, 9.6748,
6.8365


■ 35.9801, 40.0098,
43.8191


■ 15.0078, 8.4573,
4.7907


■ 40.3943, 46.8592,
51.3917

 14.3930, 7.6718,
3.2165


 45.2846, 54.4765,
59.6907

 13.9993, 7.2149,
2.0669

 50.6647, 62.8847,
68.7348

 13.9602, 7.1679,
1.9573

 56.5477, 72.1055,
78.5422

 62.9463, 82.1601,
89.1302

Harmonies

Analogous

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



22.4548, 19.7929, 26.1478



22.7849, 19.7929, 20.3888



21.9929, 19.7929, 15.8008

Triad

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



22.7849, 19.7929, 20.3888



16.6799, 19.7929, 14.0155



17.3494, 19.7929, 32.9411

Complementary

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



22.7849, 19.7929, 20.3888



23.7113, 29.2635, 32.0040

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.



15.9546, 19.7929, 28.5505



22.7849, 19.7929, 20.3888



15.5871, 19.7929, 17.5274

Square

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



22.7849, 19.7929, 20.3888



18.4022, 19.7929, 12.5534



15.3310, 19.7929, 22.7568



19.2290, 19.7929, 34.0629

Rectangle

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



22.7849, 19.7929, 20.3888



20.9653, 19.7929, 13.8010



15.3310, 19.7929, 22.7568



16.8124, 19.7929, 31.7657

Sweetspot

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



22.7854, 19.7938, 20.3892



51.6041, 51.4913, 55.5402



23.7185, 19.9732, 34.0577



11.1786, 11.0601, 11.9070



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.



22.7854, 19.7938, 20.3892



38.4914, 31.6058, 31.6245



23.8507, 22.7574, 18.1757



6.6846, 6.6668, 7.1902



11.5094, 5.9083, 1.6673



0.2187, 0.1108, 0.0977

Inverse Universe

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



22.7854, 19.7938, 20.3892



38.4914, 31.6058, 31.6245



22.3046, 25.2756, 35.1557



6.6846, 6.6668, 7.1902



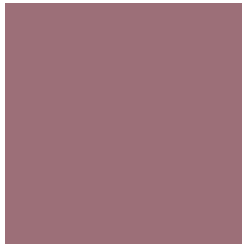
11.5094, 5.9083, 1.6673



0.2187, 0.1108, 0.0977

Previews

White Background



This preview shows how the XYZ color 22.7849, 19.7929, 20.3888 looks on a white background.

Color Contrast Check

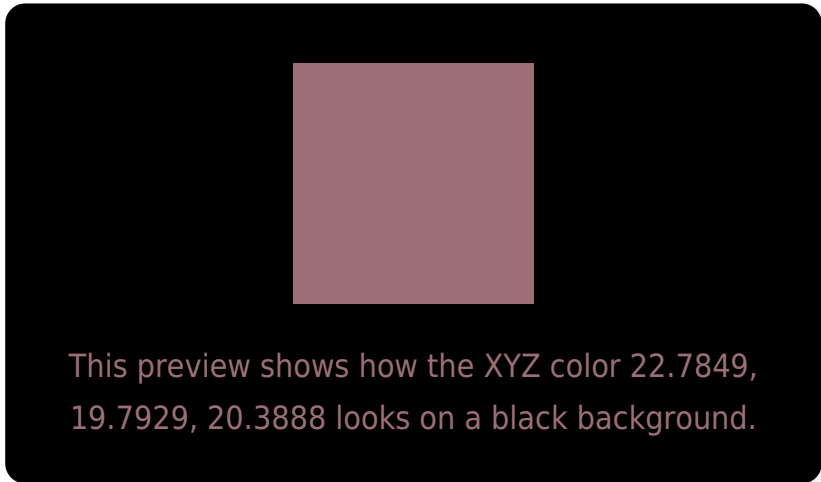
Large Text (above 18pt) WCAG AA ✓ Pass

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

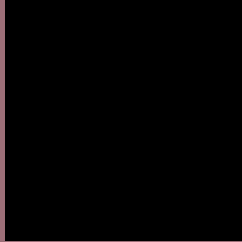
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.7849, 19.7929, 20.3888

Background



This preview shows how black text looks on a background with the XYZ color 22.7849, 19.7929, 20.3888.



This preview shows how white text looks on a background with the XYZ color 22.7849, 19.7929,

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

22.7849, 19.7929, 20.3888

Protanopia

19.2259, 19.9833, 22.9225

Deuteranopia

20.2431, 19.8439, 20.2161



Tritanopia

22.7849, 19.7929, 20.3888

Trichromacy



Original Color

22.7849, 19.7929, 20.3888

Protanomaly

20.3883, 19.8831, 21.8320

Deuteranomaly

21.0768, 19.7520, 20.1544

Tritanomaly

22.7849, 19.7929, 20.3888

Monochromacy



Original Color

22.7849, 19.7929, 20.3888

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.4450, 20.0972, 21.5405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7849, 19.7929, 20.3888 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(156, 111, 120)` looks like.

```
.text, #text, p{  
    color:rgb(156, 111, 120)  
}
```

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(156, 111, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 111, 120) }
```

Border

The CSS property to change the border of an element to XYZ 22.7849, 19.7929, 20.3888 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(156, 111, 120) }
```


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

```
.border{ border-color:rgb(156, 111, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 111, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 111, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 111, 120);  
box-shadow:4px 4px 4px 4px rgb(156, 111,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7849, 19.7929, 20.3888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 111, 120) }
```

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

```
.background{ background-color: rgb(156,  
111, 120) }
```

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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