

Converting Colors

XYZ(28.0793, 22.1270, 21.5493)

Have a look what the booklet for
XYZ(28.0793, 22.1270, 21.5493)
contains.

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Color

**XYZ(28.0998, 22.1911,
21.5412)**

Conversions

Conversions Part 1

Format	Color
Hex	B56D7B
RGB	181, 109, 123
RGB Percent	71%, 43%, 48%
CMY	0.2902, 0.5725, 0.5176
CMYK	0.00, 0.40, 0.32, 0.29
HSL	348°, 33%, 57%
HSV	348°, 40%, 71%
XYZ	28.0998, 22.1911, 21.5412
YIQ	132.1240, 38.4180, 19.6180

Conversions

Conversions Part 2

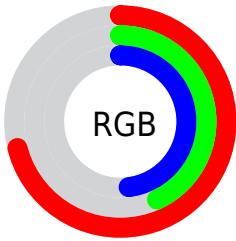
Format	Color
R_{YB}	181, 109, 123
Decimal	11890043
CIE _{Lab}	54.23, 30.38, 4.55
CIE _{LCh}	54, 30.714, 8.514
Yxy	22.1911, 0.3912, 0.3089
Android (android.graphics.Color)	4290080123 (0xFFB56D7B)
YUV	132.1240, -4.4981, 42.8643
Hunter-Lab	47.1074, 24.0381, 5.8632

Details

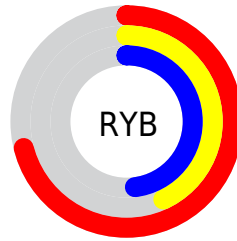
The XYZ color **28.0998, 22.1911, 21.5412** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.8066, 39.0894, 42.5352**, and the grayscale version is **21.9834, 23.1283, 25.1867**.

A 20% lighter version of the original color is **56.2548, 47.2865, 46.7197**, and **11.4561, 8.1617, 7.4501** is the 20% darker color. If you saturate the color by 10%, you get **25.5182, 18.3814, 16.5077**, and if you desaturate by 10%, it is **31.2162, 26.8525, 27.4242**.

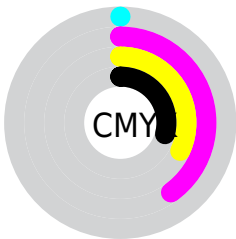
Distribution



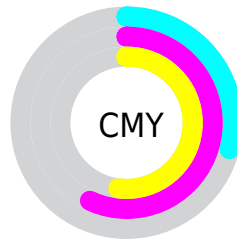
- Red (71%)
- Green (43%)
- Blue (48%)



- Red (71%)
- Yellow (43%)
- Blue (48%)



- Cyan (0%)
- Magenta (40%)
- Yellow (32%)
- Black (29%)





- Cyan (29%)
- Magenta (57%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0998, 22.1911, 21.5412 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 28.0998, 22.1911, 21.5412 by changing the saturation by 10% instead.

 28.0998, 22.1911,
21.5412


 28.0998, 22.1911,
21.5412


285.0149,
263.5426, 273.0158


 18.5417, 13.9974,
13.3251


 56.0513, 47.0616,
46.8789


 11.4417, 8.1188,
7.5194


 75.1754, 64.5073,
64.8377

 6.4342, 4.1711,
3.7057


 98.2189, 85.8056,
86.8810

 3.1540, 1.7697,
1.4653

 125.5472,
111.3411, 113.4275

 1.2357, 0.4682,
0.1919

157.5256,
141.4982, 144.8956

 0.1343, 0.0000,
0.0000

194.5194,

 0.0000, 0.0000,

176.6612, 181.7041

0.0000

236.8941,
217.2146, 224.2712

■ 28.0998, 22.1911,
21.5412

■ 28.0998, 22.1911,
21.5412

■ 25.5182, 18.3814,
16.5077

■ 31.2162, 26.8525,
27.4242

■ 23.4389, 15.3685,
12.2827

■ 34.8937, 32.4096,
34.1926

■ 21.8289, 13.0964,
8.8236


■ 39.1589, 38.9072,
41.8816


■ 20.6501, 11.5003,
6.0833

■ 44.0364, 46.3860,
50.5242


■ 19.8584, 10.5040,
4.0091


■ 49.5491, 54.8847,
60.1517


 19.3715, 9.9570,
2.5312

 55.7190, 64.4395,
70.7940

 19.3622, 9.9462,
2.5040

 62.5668, 75.0850,
82.4797

 70.1124, 86.8542,
95.2362

 72.7428, 88.5144,
107.2127

Harmonies

Analogous

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



27.6477, 22.1911, 31.5421



28.0998, 22.1911, 21.5412



26.5248, 22.1911, 14.4261

Triad

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



28.0998, 22.1911, 21.5412



17.3414, 22.1911, 12.4420



18.8267, 22.1911, 45.6273

Complementary

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



28.0998, 22.1911, 21.5412



29.8066, 39.0894, 42.5352

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.



16.4567, 22.1911, 37.5155



28.0998, 22.1911, 21.5412



15.6643, 22.1911, 18.0340

Square

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



28.0998, 22.1911, 21.5412



20.1557, 22.1911, 10.1584



15.3584, 22.1911, 26.9879



22.0568, 22.1911, 47.2897

Rectangle

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



28.0998, 22.1911, 21.5412



24.6260, 22.1911, 11.6298



15.3584, 22.1911, 26.9879



17.9133, 22.1911, 43.4781

Sweetspot

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



28.1004, 22.1922, 21.5416



68.1820, 66.7023, 71.5162



29.6618, 22.4466, 46.4853



14.5206, 14.0873, 15.0693



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.1004, 22.1922, 21.5416



46.1127, 33.5213, 30.3785



29.8798, 27.0543, 18.1166



8.5616, 8.5314, 9.1901



13.3679, 6.8647, 1.8316



0.4405, 0.2239, 0.1624

Inverse Universe

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



28.1004, 22.1922, 21.5416



46.1127, 33.5213, 30.3785



27.1151, 31.5223, 48.3713



8.5616, 8.5314, 9.1901



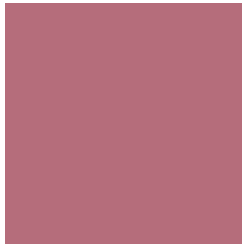
13.3679, 6.8647, 1.8316



0.4405, 0.2239, 0.1624

Previews

White Background



This preview shows how the XYZ color 28.0998, 22.1911, 21.5412 looks on a white background.

Color Contrast Check

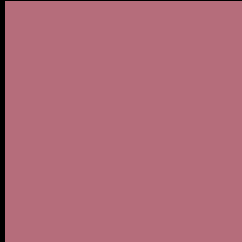
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0998, 22.1911, 21.5412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

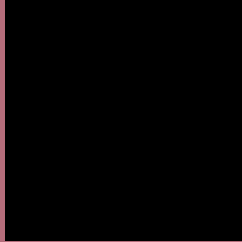
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0998, 22.1911, 21.5412

Background



This preview shows how black text looks on a background with the XYZ color 28.0998, 22.1911, 21.5412.



This preview shows how white text looks on a background with the XYZ color 28.0998, 22.1911, 21.5412.

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

28.0998, 22.1911, 21.5412

Protanopia

21.5835, 22.2751, 26.0836

Deuteranopia

22.7051, 22.3888, 20.8941



Tritanopia

27.9020, 22.2836, 19.9701

Trichromacy



Original Color

28.0998, 22.1911, 21.5412

Protanomaly

23.4507, 21.9473, 24.4730

Deuteranomaly

24.4657, 22.1843, 21.0817

Tritanomaly

28.0222, 22.3317, 20.6028

Monochromacy



Original Color

28.0998, 22.1911, 21.5412

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.7478, 22.4843, 23.8571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0998, 22.1911, 21.5412 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(181, 109, 123)` looks like.

```
.text, #text, p{  
    color:rgb(181, 109, 123)  
}
```

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(181, 109, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 109, 123) }
```

Border

The CSS property to change the border of an element to XYZ 28.0998, 22.1911, 21.5412 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(181, 109, 123) }
```


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

```
.border{ border-color:rgb(181, 109, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 109, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 109, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 109, 123);  
box-shadow:4px 4px 4px 4px rgb(181, 109,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0998, 22.1911, 21.5412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 109, 123) }
```

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

```
.background{ background-color: rgb(181,  
109, 123) }
```

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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