

Converting Colors

XYZ(27.5822, 22.4212, 28.4652)

Have a look what the booklet for
XYZ(27.5822, 22.4212, 28.4652)
contains.

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Color

**XYZ(27.5822, 22.4212,
28.4652)**

Conversions

Conversions Part 1

Format	Color
Hex	AB718E
RGB	171, 113, 142
RGB Percent	67%, 44%, 56%
CMY	0.3294, 0.5568, 0.4431
CMYK	0.00, 0.34, 0.17, 0.33
HSL	330°, 26%, 56%
HSV	330°, 34%, 67%
XYZ	27.5822, 22.4212, 28.4652
YIQ	133.6480, 25.2590, 21.3150

Conversions

Conversions Part 2

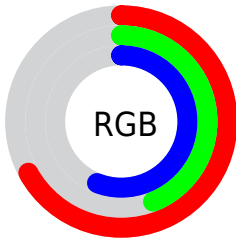
Format	Color
R_{YB}	171, 113, 142
Decimal	11235726
CIE Lab	54.47, 27.27, -6.38
CIE LCh	54, 28.012, 346.831
Yxy	22.4212, 0.3515, 0.2857
Android (android.graphics.Color)	4289425806 (0xFFAB718E)
YUV	133.6480, 4.1175, 32.7577
Hunter-Lab	47.3510, 21.1128, -2.4966

Details

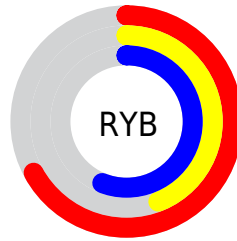
The XYZ color **27.5822, 22.4212, 28.4652** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.2564, 34.5901, 30.8855**, and the grayscale version is **22.5104, 23.6827, 25.7904**.

A 20% lighter version of the original color is **55.2786, 47.5889, 58.4966**, and **11.2364, 8.2911, 11.1333** is the 20% darker color. If you saturate the color by 10%, you get **25.2337, 18.7122, 24.6356**, and if you desaturate by 10%, it is **30.3408, 26.8709, 32.6749**.

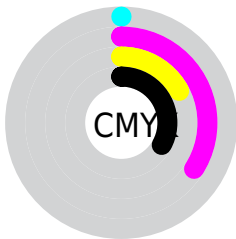
Distribution



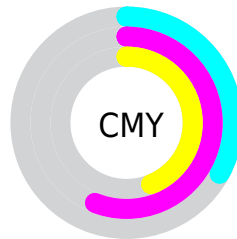
- Red (67%)
- Green (44%)
- Blue (56%)



- Red (67%)
- Yellow (44%)
- Blue (56%)



- Cyan (0%)
- Magenta (34%)
- Yellow (17%)
- Black (33%)



- Cyan (33%)
- Magenta (56%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5822, 22.4212, 28.4652 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 27.5822, 22.4212, 28.4652 by changing the saturation by 10% instead.

■ 27.5822, 22.4212,
28.4652

■ 27.5822, 22.4212,
28.4652

282.5815,
264.7381, 308.6648

■ 18.1498, 14.1667,
18.4345

■ 55.2300, 47.4412,
58.2583

■ 11.1579, 8.2367,
11.0898

■ 74.1762, 64.9754,
78.8578

■ 6.2412, 4.2468,
6.0123

■ 97.0243, 86.3718,
103.8174

■ 3.0344, 1.8125,
2.7837

■ 124.1397,
112.0146, 133.5556

■ 1.1720, 0.4950,
0.9853

155.8877,
142.2882, 168.4908

■ 0.0841, 0.0000,
0.0000

192.6338,

■ 0.0000, 0.0000,

177.5770, 209.0418

0.0000

234.7433,
218.2655, 255.6269

■ 27.5822, 22.4212,
28.4652

■ 27.5822, 22.4212,
28.4652

■ 25.2337, 18.7122,
24.6356

■ 30.3408, 26.8709,
32.6749

■ 23.2718, 15.6999,
21.1723

■ 33.5271, 32.0958,
37.2753

■ 21.6740, 13.3403,
18.0623

■ 37.1602, 38.1323,
42.2779


■ 20.4141, 11.5831,
15.2911


■ 41.2575, 45.0131,
47.6935


■ 19.4623, 10.3708,
12.8427


■ 45.8352, 52.7696,
53.5323


 18.7829, 9.6340,
10.6989

 50.9090, 61.4312,
59.8042

 18.4541, 9.3218,
9.5245

 56.4935, 71.0261,
66.5186

 62.6030, 81.5813,
73.6848

 65.3350, 85.2901,
80.0061

Harmonies

Analogous

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



25.9063, 22.4212, 37.8824



27.5822, 22.4212, 28.4652



27.4666, 22.4212, 19.8430

Triad

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



27.5822, 22.4212, 28.4652



19.6488, 22.4212, 11.5554



17.5263, 22.4212, 38.9143

Complementary

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



27.5822, 22.4212, 28.4652



26.2564, 34.5901, 30.8855

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.



16.1510, 22.4212, 29.6355



27.5822, 22.4212, 28.4652



17.2935, 22.4212, 14.5874

Square

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



27.5822, 22.4212, 28.4652



22.6823, 22.4212, 11.3866



16.0701, 22.4212, 20.7646



19.9955, 22.4212, 44.8204

Rectangle

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



27.5822, 22.4212, 28.4652



26.3865, 22.4212, 15.6256



16.0701, 22.4212, 20.7646



16.9315, 22.4212, 35.9978

Sweetspot

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



27.5829, 22.4222, 28.4657



62.3825, 61.3504, 70.0222



24.4121, 20.5025, 41.1990



13.7183, 13.3612, 15.3469



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.5829, 22.4222, 28.4657



46.0530, 34.8586, 45.5667



25.6812, 21.6616, 18.4516



8.1660, 8.0796, 9.1847



13.9382, 7.0378, 7.3201



0.4154, 0.2068, 0.3492

Inverse Universe

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



27.5829, 22.4222, 28.4657



46.0530, 34.8586, 45.5667



28.7243, 35.5773, 43.8815



8.1660, 8.0796, 9.1847



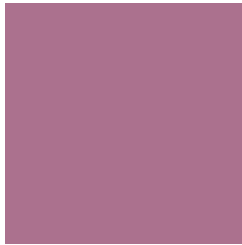
13.9382, 7.0378, 7.3201



0.4154, 0.2068, 0.3492

Previews

White Background



This preview shows how the XYZ color 27.5822, 22.4212, 28.4652 looks on a white background.

Color Contrast Check

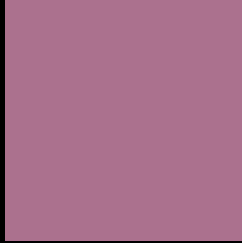
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5822, 22.4212, 28.4652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

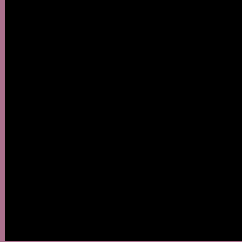
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5822, 22.4212, 28.4652

Background



This preview shows how black text looks on a background with the XYZ color 27.5822, 22.4212, 28.4652.



This preview shows how white text looks on a background with the XYZ color 27.5822, 22.4212,

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

27.5822, 22.4212, 28.4652

Protanopia

22.3366, 22.7008, 33.3414

Deuteranopia

22.8970, 22.5318, 27.5684



Tritanopia

26.3092, 22.4065, 22.3403

Trichromacy



Original Color

27.5822, 22.4212, 28.4652

Protanomaly

23.7878, 22.3360, 31.4913

Deuteranomaly

24.4557, 22.3918, 27.8440

Tritanomaly

26.8050, 22.4462, 24.3925

Monochromacy



Original Color

27.5822, 22.4212, 28.4652

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.0088, 22.9309, 26.8276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5822, 22.4212, 28.4652 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(171, 113, 142)` looks like.

```
.text, #text, p{  
    color:rgb(171, 113, 142)  
}
```

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(171, 113, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 113, 142) }
```

Border

The CSS property to change the border of an element to XYZ 27.5822, 22.4212, 28.4652 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(171, 113, 142) }
```


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

```
.border{ border-color:rgb(171, 113, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 113, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 113, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 113, 142);  
box-shadow:4px 4px 4px 4px rgb(171, 113,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5822, 22.4212, 28.4652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 113, 142) }
```

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

```
.background{ background-color: rgb(171,  
113, 142) }
```

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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