

Converting Colors

XYZ(27.0943, 21.9344, 28.6553)

Have a look what the booklet for
XYZ(27.0943, 21.9344, 28.6553)
contains.

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Color

**XYZ(27.1143, 22.0065,
28.8052)**

Conversions

Conversions Part 1

Format	Color
Hex	A9708F
RGB	169, 112, 143
RGB Percent	66%, 44%, 56%
CMY	0.3373, 0.5608, 0.4392
CMYK	0.00, 0.34, 0.15, 0.34
HSL	327°, 25%, 55%
HSV	327°, 34%, 66%
XYZ	27.1143, 22.0065, 28.8052
YIQ	132.5770, 24.0210, 21.7250

Conversions

Conversions Part 2

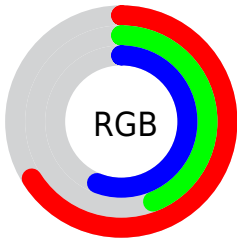
Format	Color
R _Y B	169, 112, 143
Decimal	11104399
CIE Lab	54.03, 27.28, -7.64
CIE LCh	54, 28.327, 344.348
Yxy	22.0065, 0.3479, 0.2824
Android (android.graphics.Color)	4289294479 (0xFFA9708F)
YUV	132.5770, 5.1385, 31.9430
Hunter-Lab	46.9111, 21.0774, -3.5686

Details

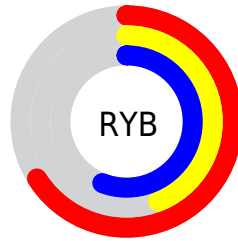
The XYZ color **27.1143, 22.0065, 28.8052** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.4584, 33.6563, 29.2008**, and the grayscale version is **22.1171, 23.2689, 25.3398**.

A 20% lighter version of the original color is **54.4048, 46.5897, 58.9486**, and **10.9557, 8.0583, 11.3339** is the 20% darker color. If you saturate the color by 10%, you get **24.8577, 18.3957, 25.2700**, and if you desaturate by 10%, it is **29.7624, 26.3353, 32.6694**.

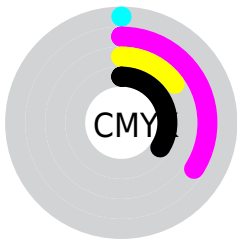
Distribution



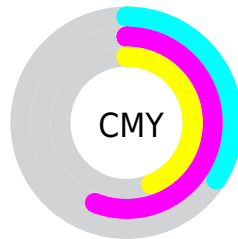
- Red (66%)
- Green (44%)
- Blue (56%)



- Red (66%)
- Yellow (44%)
- Blue (56%)



- Cyan (0%)
- Magenta (34%)
- Yellow (15%)
- Black (34%)





- Cyan (34%)
- Magenta (56%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1143, 22.0065, 28.8052 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 27.1143, 22.0065, 28.8052 by changing the saturation by 10% instead.


 27.1143, 22.0065,
28.8052


 27.1143, 22.0065,
28.8052


280.3676,
262.5802, 310.3268


 17.7961, 13.8617,
18.6892


 54.4858, 46.7567,
58.8059


 10.9025, 8.0245,
11.2714


 73.2699, 64.1309,
79.5277

 6.0681, 4.1106,
6.1332


 95.9399, 85.3504,
104.6219

 2.9276, 1.7356,
2.8562

 122.8613,
110.7995, 134.5069

 1.1156, 0.4466,
1.0217

154.3994,
140.8626, 169.6014

 0.0381, 0.0000,
0.0000

190.9196,

 0.0000, 0.0000,

175.9242, 210.3239

0.0000

232.7872,
216.3686, 257.0928

■ 27.1143, 22.0065,
28.8052

■ 27.1143, 22.0065,
28.8052

■ 24.8577, 18.3957,
25.2700

■ 29.7624, 26.3353,
32.6694

■ 22.9701, 15.4604,
22.0517

■ 32.8188, 31.4156,
36.8714

■ 21.4298, 13.1581,
19.1392

■ 36.3018, 37.2825,
41.4211

■ 20.2119, 11.4402,
16.5200

■ 40.2280, 43.9677,
46.3279

■ 19.2878, 10.2510,
14.1801

■ 44.6130, 51.5016,
51.6004

■ 18.6233, 9.5238,
12.1038

■ 49.4716, 59.9126,
57.2469

■ 18.2901, 9.2062,
10.9172

■ 54.8181, 69.2280,
63.2757

■ 60.6659, 79.4739,
69.6946

■ 64.0545, 84.7280,
75.5198

Harmonies

Analogous

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



25.3085, 22.0065, 38.1571



27.1143, 22.0065, 28.8052



27.1556, 22.0065, 20.0206

Triad

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



27.1143, 22.0065, 28.8052



19.4910, 22.0065, 11.0554



16.9819, 22.0065, 37.7881

Complementary

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



27.1143, 22.0065, 28.8052



25.4584, 33.6563, 29.2008

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.



15.7147, 22.0065, 28.3880



27.1143, 22.0065, 28.8052



17.0646, 22.0065, 13.8118

Square

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



27.1143, 22.0065, 28.8052



22.5457, 22.0065, 11.1149



15.7434, 22.0065, 19.6934



19.3677, 22.0065, 44.1443

Rectangle

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



27.1143, 22.0065, 28.8052



26.1645, 22.0065, 15.6503



15.7434, 22.0065, 19.6934



16.4218, 22.0065, 34.7912

Sweetspot

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



27.1149, 22.0075, 28.8057



60.8995, 59.8255, 68.8518



23.3799, 19.8275, 40.1313



13.0957, 12.7407, 14.7721



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.1149, 22.0075, 28.8057



45.6637, 34.7617, 47.1021



25.2431, 21.2588, 18.9485



7.6953, 7.6080, 8.7128



13.6587, 6.8722, 8.2801



0.3576, 0.1773, 0.3349

Inverse Universe

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



27.1149, 22.0075, 28.8057



45.6637, 34.7617, 47.1021



27.7675, 34.5800, 41.3601



7.6953, 7.6080, 8.7128



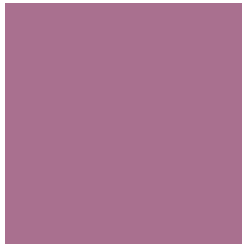
13.6587, 6.8722, 8.2801



0.3576, 0.1773, 0.3349

Previews

White Background



This preview shows how the XYZ color 27.1143, 22.0065, 28.8052 looks on a white background.

Color Contrast Check

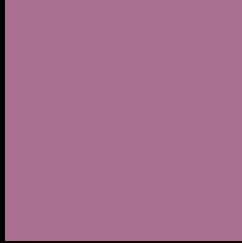
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1143, 22.0065, 28.8052 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 27.1143, 22.0065, 28.8052

Background



This preview shows how black text looks on a background with the XYZ color 27.1143, 22.0065, 28.8052.



This preview shows how white text looks on a background with the XYZ color 27.1143, 22.0065,

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

27.1143, 22.0065, 28.8052

Protanopia

21.8641, 22.0565, 33.6768

Deuteranopia

22.5110, 22.1335, 27.8967



Tritanopia

25.7052, 21.9322, 21.9473

Trichromacy



Original Color

27.1143, 22.0065, 28.8052

Protanomaly

23.2798, 21.6965, 31.8150

Deuteranomaly

24.0395, 21.9874, 28.1763

Tritanomaly

26.2625, 21.9982, 24.3346

Monochromacy



Original Color

27.1143, 22.0065, 28.8052

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.7030, 22.5844, 26.7768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1143, 22.0065, 28.8052 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(169, 112, 143)` looks like.

```
.text, #text, p{  
    color:rgb(169, 112, 143)  
}
```

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(169, 112, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 112, 143) }
```

Border

The CSS property to change the border of an element to XYZ 27.1143, 22.0065, 28.8052 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(169, 112, 143) }
```


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

```
.border{ border-color:rgb(169, 112, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 112, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 112, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 112, 143);  
box-shadow:4px 4px 4px 4px rgb(169, 112,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1143, 22.0065, 28.8052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 112, 143) }
```

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

```
.background{ background-color: rgb(169,  
112, 143) }
```

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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