

Converting Colors

XYZ(22.4086, 21.9825, 26.9678)

Have a look what the booklet for
XYZ(22.4086, 21.9825, 26.9678)
contains.

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Color

**XYZ(22.4023, 21.9055,
27.0922)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7D8A
RGB	138, 125, 138
RGB Percent	54%, 49%, 54%
CMY	0.4588, 0.5098, 0.4588
CMYK	0.00, 0.09, 0.00, 0.46
HSL	300°, 5%, 52%
HSV	300°, 9%, 54%
XYZ	22.4023, 21.9055, 27.0922
YIQ	130.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

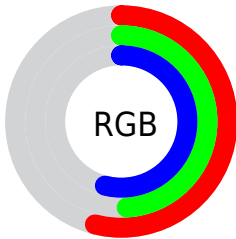
Format	Color
R_{YB}	138, 125, 138
Decimal	9076106
CIE Lab	53.93, 7.45, -5.23
CIE LCh	54, 9.101, 324.919
Yxy	21.9055, 0.3138, 0.3068
Android (android.graphics.Color)	4287266186 (0xFF8A7D8A)
YUV	130.3690, 3.7621, 6.6924
Hunter-Lab	46.8033, 3.5328, -1.5578

Details

The XYZ color **22.4023, 21.9055, 27.0922** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.2485, 24.0182, 22.9193**, and the grayscale version is **21.3355, 22.4466, 24.4444**.

A 20% lighter version of the original color is **46.8102, 46.6787, 55.8329**, and **8.3704, 7.9482, 10.3255** is the 20% darker color. If you saturate the color by 10%, you get **20.7755, 18.6516, 26.5502**, and if you desaturate by 10%, it is **24.2731, 25.6467, 27.7161**.

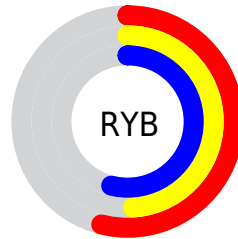
Distribution



Red (54%)

Green (49%)

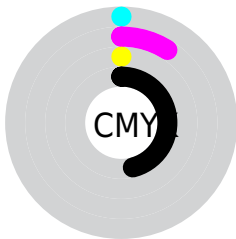
Blue (54%)



Red (54%)

Yellow (49%)

Blue (54%)

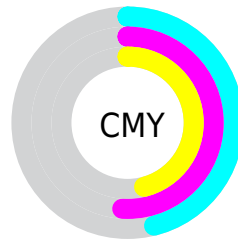


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (46%)



Cyan (46%)

Magenta (51%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4023, 21.9055, 27.0922 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 22.4023, 21.9055, 27.0922 by changing the saturation by 10% instead.

■ 22.4023, 21.9055,
27.0922

■ 22.4023, 21.9055,
27.0922

257.2331,
262.0524, 301.8775

■ 14.2711, 13.7875,
17.4094

■ 46.8839, 46.5898,
56.0373

■ 8.3924, 7.9730,
10.3618

■ 63.9650, 63.9248,
76.1367

■ 4.4009, 4.0777,
5.5308

■ 84.7601, 85.1009,
100.5455

■ 1.9314, 1.7171,
2.4978

109.6346,
110.5026, 129.6820

■ 0.5950, 0.4347,
0.8390

138.9538,
140.5142, 163.9650

■ 0.0000, 0.0000,
0.0000

173.0830,

175.5201, 203.8129

212.3877,
215.9047, 249.6442

■ 22.4023, 21.9055,
27.0922

■ 22.4023, 21.9055,
27.0922

■ 20.7755, 18.6516,
26.5502

■ 24.2731, 25.6467,
27.7161

■ 19.3809, 15.8624,
26.0852

■ 26.3954, 29.8913,
28.4236

■ 18.2085, 13.5176,
25.6944

■ 28.7786, 34.6578,
29.2180

■ 17.2467, 11.5941,
25.3738

■ 31.4314, 39.9632,
30.1023

■ 16.4832, 10.0670,
25.1192

■ 34.3616, 45.8237,
31.0791

■ 15.9040, 8.9087,
24.9261

■ 37.5771, 52.2546,
32.1510

■ 15.4937, 8.0881,
24.7893

■ 41.0852, 59.2708,
33.3204

■ 15.2341, 7.5689,
24.7027

■ 44.8931, 66.8867,
34.5898

■ 15.0775, 7.2557,
24.6505

■ 49.0078, 75.1161,
35.9614

Harmonies

Analogous

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



21.6253, 21.9055, 29.0927



22.4023, 21.9055, 27.0922



22.7561, 21.9055, 24.3329

Triad

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



22.4023, 21.9055, 27.0922



20.9880, 21.9055, 18.8658



19.1566, 21.9055, 26.2002

Complementary

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



22.4023, 21.9055, 27.0922



21.2485, 24.0182, 22.9193

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.



18.9979, 21.9055, 23.3762



22.4023, 21.9055, 27.0922



20.0360, 21.9055, 19.2807

Square

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



22.4023, 21.9055, 27.0922



21.9233, 21.9055, 19.6988



19.3150, 21.9055, 20.8799



19.7553, 21.9055, 28.5500

Rectangle

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



22.4023, 21.9055, 27.0922



22.6966, 21.9055, 22.4877



19.3150, 21.9055, 20.8799



19.0508, 21.9055, 25.2691

Sweetspot

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



22.4029, 21.9064, 27.0927



41.5326, 42.7015, 48.4364



20.3795, 20.8633, 26.9980



9.2598, 9.4663, 10.8455



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



22.4029, 21.9064, 27.0927



38.9361, 37.5086, 47.5708



21.9463, 21.7238, 24.6880



5.2339, 5.1290, 6.3200



13.8158, 6.6364, 22.5980



0.0918, 0.0441, 0.1501

Inverse Universe

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



22.4029, 21.9064, 27.0927



38.9361, 37.5086, 47.5708



21.6774, 24.1898, 25.1782



5.2339, 5.1290, 6.3200



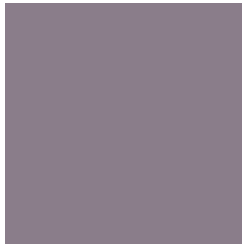
13.8158, 6.6364, 22.5980



0.0918, 0.0441, 0.1501

Previews

White Background



This preview shows how the XYZ color 22.4023, 21.9055, 27.0922 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 22.4023, 21.9055, 27.0922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

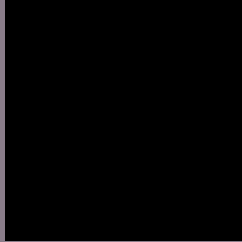
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4023, 21.9055, 27.0922

Background



This preview shows how black text looks on a background with the XYZ color 22.4023, 21.9055, 27.0922.

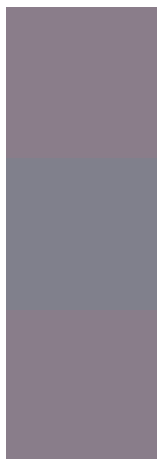


This preview shows how white text looks on a background with the XYZ color 22.4023, 21.9055,

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

22.4023, 21.9055, 27.0922

Protanopia

21.3549, 21.9210, 27.9166

Deuteranopia

22.2376, 21.8206, 27.0845



Tritanopia

22.1880, 21.8198, 25.9639

Trichromacy



Original Color

22.4023, 21.9055, 27.0922

Protanomaly

21.7653, 21.9484, 27.5154

Deuteranomaly

22.2376, 21.8206, 27.0845

Tritanomaly

22.2588, 21.8481, 26.3365

Monochromacy



Original Color

22.4023, 21.9055, 27.0922

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.6257, 22.1183, 25.3198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4023, 21.9055, 27.0922 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(138, 125, 138)` looks like.

```
.text, #text, p{  
    color:rgb(138, 125, 138)  
}
```

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(138, 125, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 125, 138) }
```

Border

The CSS property to change the border of an element to XYZ 22.4023, 21.9055, 27.0922 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(138, 125, 138) }
```


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

```
.border{ border-color:rgb(138, 125, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 125, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 125, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 125, 138);  
box-shadow:4px 4px 4px 4px rgb(138, 125,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4023, 21.9055, 27.0922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 125, 138) }
```

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

```
.background{ background-color: rgb(138,  
125, 138) }
```

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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