

Converting Colors

XYZ(22.7173, 21.4439, 27.2970)

Have a look what the booklet for
XYZ(22.7173, 21.4439, 27.2970)
contains.

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Color

**XYZ(22.7751, 21.5339,
27.3822)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7A8B
RGB	142, 122, 139
RGB Percent	56%, 48%, 55%
CMY	0.4431, 0.5216, 0.4549
CMYK	0.00, 0.14, 0.02, 0.44
HSL	309°, 8%, 52%
HSV	309°, 14%, 56%
XYZ	22.7751, 21.5339, 27.3822
YIQ	129.9180, 6.4630, 9.5270

Conversions

Conversions Part 2

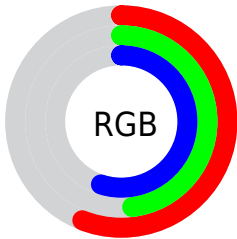
Format	Color
R_{YB}	142, 122, 139
Decimal	9337483
CIE _{Lab}	53.53, 10.87, -6.36
CIE _{LCh}	54, 12.591, 329.645
Yxy	21.5339, 0.3177, 0.3004
Android (android.graphics.Color)	4287527563 (0xFF8E7A8B)
YUV	129.9180, 4.4774, 10.5959
Hunter-Lab	46.4046, 6.3986, -2.5023

Details

The XYZ color **22.7751, 21.5339, 27.3822** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.4016, 24.9649, 23.0940**, and the grayscale version is **21.1727, 22.2753, 24.2578**.

A 20% lighter version of the original color is **47.4154, 45.8136, 56.2130**, and **8.5993, 7.7617, 10.4961** is the 20% darker color. If you saturate the color by 10%, you get **21.0034, 18.2369, 26.0313**, and if you desaturate by 10%, it is **24.8059, 25.3435, 28.8350**.

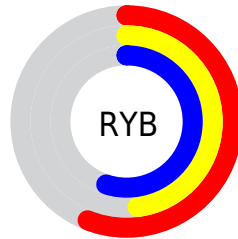
Distribution



Red (56%)

Green (48%)

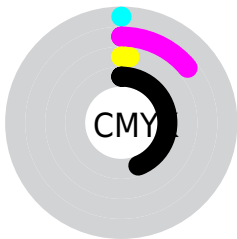
Blue (55%)



Red (56%)

Yellow (48%)

Blue (55%)

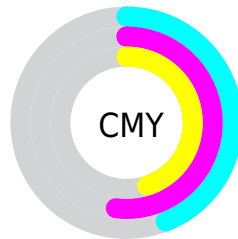


Cyan (0%)

Magenta (14%)

Yellow (2%)

Black (44%)



Cyan (44%)

Magenta (52%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7751, 21.5339, 27.3822 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 22.7751, 21.5339, 27.3822 by changing the saturation by 10% instead.

■ 22.7751, 21.5339,
27.3822

■ 22.7751, 21.5339,
27.3822

259.1247,
260.1024, 303.3214

■ 14.5473, 13.5148,
17.6255

■ 47.4932, 45.9744,
56.5077

■ 8.5865, 7.7840,
10.5148

■ 64.7141, 63.1646,
76.7137

■ 4.5274, 3.9570,
5.6316

■ 85.6636, 84.1807,
101.2398

■ 2.0046, 1.6496,
2.5572

110.7068,
109.4070, 130.5045

■ 0.6366, 0.3907,
0.8703

140.2091,
139.2279, 164.9266

■ 0.0000, 0.0000,
0.0000

174.5360,

174.0279, 204.9244

214.0528,
214.1912, 250.9165

■ 22.7751, 21.5339,
27.3822

■ 22.7751, 21.5339,
27.3822

■ 21.0034, 18.2369,
26.0313

■ 24.8059, 25.3435,
28.8350

■ 19.4779, 15.4278,
24.7770

■ 27.1042, 29.6837,
30.3917

■ 18.1874, 13.0838,
23.6159

■ 29.6804, 34.5748,
32.0563

■ 17.1190, 11.1794,
22.5436

■ 32.5439, 40.0355,
33.8317

■ 16.2587, 9.6865,
21.5553

■ 35.7035, 46.0833,
35.7212

■ 15.5910, 8.5738,
20.6456

■ 39.1676, 52.7353,
37.7276

■ 15.0977, 7.8055,
19.8086

■ 42.9444, 60.0077,
39.8537

■ 14.7569, 7.3374,
19.0368

■ 47.0417, 67.9159,
42.1021

■ 14.5881, 7.1239,
18.5978

■ 51.4670, 76.4752,
44.4756

Harmonies

Analogous

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



21.7700, 21.5339, 30.4720



22.7751, 21.5339, 27.3822



23.1569, 21.5339, 23.4926

Triad

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



22.7751, 21.5339, 27.3822



20.4833, 21.5339, 16.8075



18.3061, 21.5339, 27.2943

Complementary

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



22.7751, 21.5339, 27.3822



21.4016, 24.9649, 23.0940

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.



17.9945, 21.5339, 23.4009



22.7751, 21.5339, 27.3822



19.2177, 21.5339, 17.5939

Square

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



22.7751, 21.5339, 27.3822



21.7989, 21.5339, 17.6318



18.3210, 21.5339, 19.9077



19.1911, 21.5339, 30.4174

Rectangle

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



22.7751, 21.5339, 27.3822



22.9943, 21.5339, 21.0496



18.3210, 21.5339, 19.9077



18.1326, 21.5339, 26.0193

Sweetspot

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



22.7757, 21.5348, 27.3827



43.7421, 44.6902, 50.8470



20.3004, 20.2331, 28.4271



9.7120, 9.8727, 11.3165



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



22.7757, 21.5348, 27.3827



39.0911, 35.9750, 47.4874



22.0781, 21.2558, 23.7089



5.5920, 5.4973, 6.6153



13.1030, 6.3982, 16.7257



0.1314, 0.0636, 0.1921

Inverse Universe

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



22.7757, 21.5348, 27.3827



39.0911, 35.9750, 47.4874



22.0730, 25.2335, 26.6296



5.5920, 5.4973, 6.6153



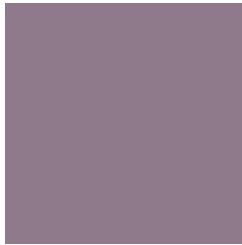
13.1030, 6.3982, 16.7257



0.1314, 0.0636, 0.1921

Previews

White Background



This preview shows how the XYZ color 22.7751, 21.5339, 27.3822 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 22.7751, 21.5339, 27.3822 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 22.7751, 21.5339, 27.3822

Background



This preview shows how black text looks on a background with the XYZ color 22.7751, 21.5339, 27.3822.



This preview shows how white text looks on a background with the XYZ color 22.7751, 21.5339,

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

22.7751, 21.5339, 27.3822

Protanopia

21.0760, 21.5674, 28.6433

Deuteranopia

22.0212, 21.5136, 27.4180



Tritanopia

22.3011, 21.5221, 25.1691

Trichromacy



Original Color

22.7751, 21.5339, 27.3822

Protanomaly

21.6571, 21.4959, 28.2070

Deuteranomaly

22.2244, 21.4333, 27.3918

Tritanomaly

22.4406, 21.5779, 25.9039

Monochromacy



Original Color

22.7751, 21.5339, 27.3822

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.6545, 21.9405, 25.2839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7751, 21.5339, 27.3822 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(142, 122, 139)` looks like.

```
.text, #text, p{  
    color:rgb(142, 122, 139)  
}
```

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(142, 122, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 122, 139) }
```

Border

The CSS property to change the border of an element to XYZ 22.7751, 21.5339, 27.3822 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(142, 122, 139) }
```


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

```
.border{ border-color:rgb(142, 122, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 122, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 122, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 122, 139);  
box-shadow:4px 4px 4px 4px rgb(142, 122,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7751, 21.5339, 27.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 122, 139) }
```

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

```
.background{ background-color: rgb(142,  
122, 139) }
```

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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