

Converting Colors

XYZ(22.1954, 22.8288, 22.1157)

Have a look what the booklet for
XYZ(22.1954, 22.8288, 22.1157)
contains.

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Color

**XYZ(22.2052, 22.8843,
21.9857)**

Conversions

Conversions Part 1

Format	Color
Hex	8B827B
RGB	139, 130, 123
RGB Percent	55%, 51%, 48%
CMY	0.4549, 0.4902, 0.5176
CMYK	0.00, 0.06, 0.12, 0.45
HSL	26°, 6%, 51%
HSV	26°, 12%, 55%
XYZ	22.2052, 22.8843, 21.9857
YIQ	131.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

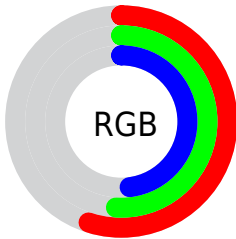
Format	Color
R_{YB}	139, 135, 123
Decimal	9142907
CIE Lab	54.95, 2.11, 5.00
CIE LCh	55, 5.428, 67.068
Yxy	22.8843, 0.3310, 0.3412
Android (android.graphics.Color)	4287332987 (0xFF8B827B)
YUV	131.8930, -4.3842, 6.2328
Hunter-Lab	47.8375, -0.8597, 6.2371

Details

The XYZ color **22.2052, 22.8843, 21.9857** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.0797, 22.5770, 27.6729**, and the grayscale version is **21.9075, 23.0484, 25.0997**.

A 20% lighter version of the original color is **46.6637, 48.2996, 47.4208**, and **8.2983, 8.5031, 7.6825** is the 20% darker color. If you saturate the color by 10%, you get **20.3958, 20.5604, 17.3901**, and if you desaturate by 10%, it is **24.2184, 25.4176, 27.2594**.

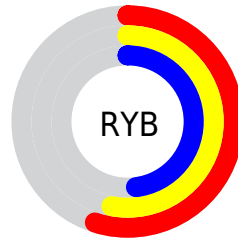
Distribution



Red (55%)

Green (51%)

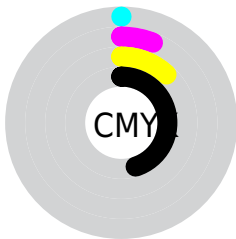
Blue (48%)



Red (55%)

Yellow (53%)

Blue (48%)

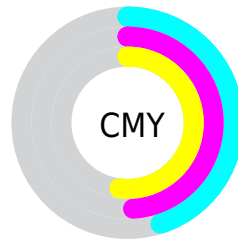


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (45%)



Cyan (45%)

Magenta (49%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2052, 22.8843, 21.9857 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 22.2052, 22.8843, 21.9857 by changing the saturation by 10% instead.

■ 22.2052, 22.8843,
21.9857

■ 22.2052, 22.8843,
21.9857

256.2283,
267.1302, 275.4227

■ 14.1252, 14.5081,
13.6482

■ 46.5612, 48.2033,
47.6242

■ 8.2901, 8.4749,
7.7404

■ 63.5680, 65.9148,
65.7624

■ 4.3345, 4.4003,
3.8439

■ 84.2811, 87.5070,
88.0044

■ 1.8930, 1.8999,
1.5401

109.0658,
113.3641, 114.7689

■ 0.5728, 0.5483,
0.2475

138.2875,
143.8706, 146.4745

■ 0.0000, 0.0000,
0.0000

172.3116,

179.4108, 183.5396

211.5034,
220.3692, 226.3828

■ 22.2052, 22.8843,
21.9857

■ 22.2052, 22.8843,
21.9857

■ 20.3958, 20.5604,
17.3901

■ 24.2184, 25.4176,
27.2594

■ 18.7815, 18.4374,
13.4433

■ 26.4401, 28.1626,
33.2359

■ 17.3554, 16.5104,
10.1160

■ 28.8772, 31.1255,
39.9407

■ 16.1098, 14.7733,
7.3759

■ 31.5357, 34.3112,
47.3973

■ 15.0362, 13.2196,
5.1881

■ 34.4213, 37.7244,
55.6282

■ 14.1252, 11.8423,
3.5134

■ 37.5394, 41.3698,
64.6550

■ 13.3664, 10.6339,
2.3079

■ 40.8955, 45.2519,
74.4986

■ 12.7481, 9.5860,
1.5199

■ 44.4946, 49.3749,
85.1788

■ 12.3076, 8.8092,
1.0517

■ 48.3418, 53.7431,
96.7149

Harmonies

Analogous

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



22.6880, 22.8843, 22.9709



22.2052, 22.8843, 21.9857



21.6087, 22.8843, 21.7685

Triad

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



22.2052, 22.8843, 21.9857



20.6217, 22.8843, 25.3274



22.4564, 22.8843, 27.6583

Complementary

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



22.2052, 22.8843, 21.9857



21.0797, 22.5770, 27.6729

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.



21.8937, 22.8843, 28.3556



22.2052, 22.8843, 21.9857



20.8398, 22.8843, 26.9702

Square

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



22.2052, 22.8843, 21.9857



20.7016, 22.8843, 23.6470



21.3027, 22.8843, 28.0982



22.8349, 22.8843, 26.2319

Rectangle

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



22.2052, 22.8843, 21.9857



21.2281, 22.8843, 22.0789



21.3027, 22.8843, 28.0982



22.2821, 22.8843, 27.9887

Sweetspot

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



22.2058, 22.8853, 21.9862



42.7861, 44.7884, 47.2666



21.9000, 21.3230, 24.8154



9.7943, 10.2395, 10.7205



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.



22.2058, 22.8853, 21.9862



38.8250, 39.7832, 36.9534



23.3017, 25.0770, 22.3515



5.2012, 5.3853, 5.3177



11.1248, 7.9839, 0.9547



0.0881, 0.0814, 0.0111

Inverse Universe

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



21.0797, 22.5770, 27.6729



36.3650, 39.1095, 49.3752



20.0449, 20.5074, 27.3280



4.9926, 5.3282, 6.3711



6.6926, 6.6555, 22.9776



0.0591, 0.0734, 0.1575

Previews

White Background



This preview shows how the XYZ color 22.2052, 22.8843, 21.9857 looks on a white background.

Color Contrast Check

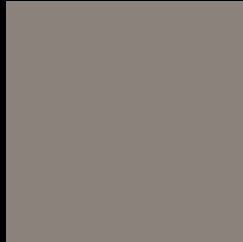
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.2052, 22.8843, 21.9857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

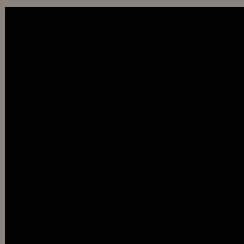
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

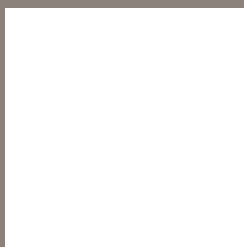
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.2052, 22.8843, 21.9857

Background



This preview shows how black text looks on a background with the XYZ color 22.2052, 22.8843, 21.9857.



This preview shows how white text looks on a background with the XYZ color 22.2052, 22.8843,

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

22.2052, 22.8843, 21.9857

Protanopia

21.9077, 22.9221, 22.3385

Deuteranopia

23.2601, 22.8370, 22.2508



Tritanopia

23.2911, 22.9360, 27.2443

Trichromacy



Original Color

22.2052, 22.8843, 21.9857

Protanomaly

22.0709, 23.0062, 22.3462

Deuteranomaly

22.8589, 22.8229, 22.2692

Tritanomaly

22.8991, 22.9694, 25.4169

Monochromacy



Original Color

22.2052, 22.8843, 21.9857

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.0704, 22.9685, 24.0390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2052, 22.8843, 21.9857 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(139, 130, 123)` looks like.

```
.text, #text, p{  
    color:rgb(139, 130, 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(139, 130, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 130, 123) }
```

Border

The CSS property to change the border of an element to XYZ 22.2052, 22.8843, 21.9857 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(139, 130, 123) }
```


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

```
.border{ border-color:rgb(139, 130, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 130, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 130, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 130, 123);  
box-shadow:4px 4px 4px 4px rgb(139, 130,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2052, 22.8843, 21.9857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 130, 123) }
```

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

```
.background{ background-color: rgb(139,  
130, 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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