

Converting Colors

XYZ(23.0421, 24.2893, 27.5167)

Have a look what the booklet for
XYZ(23.0421, 24.2893, 27.5167)
contains.

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Color

**XYZ(22.9243, 24.1495,
27.4978)**

Conversions

Conversions Part 1

Format	Color
Hex	85878A
RGB	133, 135, 138
RGB Percent	52%, 53%, 54%
CMY	0.4784, 0.4706, 0.4588
CMYK	0.04, 0.02, 0.00, 0.46
HSL	216°, 2%, 53%
HSV	216°, 4%, 54%
XYZ	22.9243, 24.1495, 27.4978
YIQ	134.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

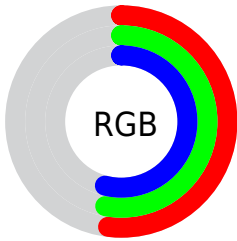
Format	Color
R_{YB}	133, 134, 138
Decimal	8750986
CIE Lab	56.24, -0.13, -1.87
CIE LCh	56, 1.876, 265.979
Yxy	24.1495, 0.3074, 0.3238
Android (android.graphics.Color)	4286941066 (0xFF85878A)
YUV	134.7440, 1.6052, -1.5295
Hunter-Lab	49.1421, -2.7303, 1.2234

Details

The XYZ color **22.9243, 24.1495, 27.4978** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5190, 24.7047, 25.7196**, and the grayscale version is **22.9297, 24.1238, 26.2709**.

A 20% lighter version of the original color is **47.6369, 50.1671, 56.4627**, and **8.6661, 9.0864, 10.5296** is the 20% darker color. If you saturate the color by 10%, you get **19.7774, 20.8803, 27.0330**, and if you desaturate by 10%, it is **26.4486, 27.7478, 28.0070**.

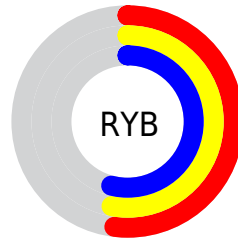
Distribution



Red (52%)

Green (53%)

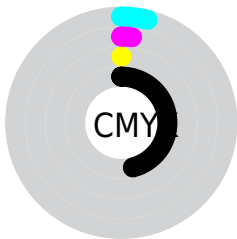
Blue (54%)



Red (52%)

Yellow (53%)

Blue (54%)

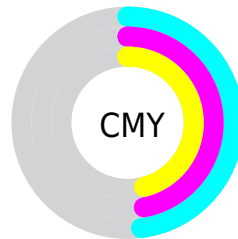


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (46%)



Cyan (48%)

Magenta (47%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9243, 24.1495, 27.4978 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 22.9243, 24.1495, 27.4978 by changing the saturation by 10% instead.

■ 22.9243, 24.1495,
27.4978

■ 22.9243, 24.1495,
27.4978

259.8785,
273.5754, 303.8954

■ 14.6580, 15.4446,
17.7117

■ 47.7366, 50.2741,
56.6951

■ 8.6645, 9.1320,
10.5759

■ 65.0133, 68.4625,
76.9433

■ 4.5783, 4.8274,
5.6719

■ 86.0241, 90.5808,
101.5160

■ 2.0342, 2.1463,
2.5811

111.1345,
117.0135, 130.8317

■ 0.6531, 0.6905,
0.8827

140.7098,
148.1449, 165.3090

■ 0.0000, 0.0000,
0.0000

175.1153,

184.3594, 205.3663

214.7165,
226.0415, 251.4223

■ 22.9243, 24.1495,
27.4978

■ 22.9243, 24.1495,
27.4978

■ 19.7774, 20.8803,
27.0330

■ 26.4486, 27.7478,
28.0070

■ 16.9927, 17.9272,
26.6098

■ 30.3606, 31.6815,
28.5600

■ 14.5571, 15.2812,
26.2274

■ 34.6729, 35.9604,
29.1587

■ 12.4556, 12.9313,
25.8846

■ 39.3968, 40.5931,
29.8039

■ 10.6723, 10.8659,
25.5799

■ 44.5431, 45.5880,
30.4968

■ 9.1899, 9.0725,
25.3119

■ 50.1224, 50.9529,
31.2382

■ 7.9893, 7.5376,
25.0789

■ 56.1447, 56.6956,
32.0293

■ 7.0486, 6.2461,
24.8792

■ 62.6197, 62.8236,
32.8708

■ 6.3421, 5.1806,
24.7108

■ 68.7421, 68.9241,
33.7257

Harmonies

Analogous

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



22.7220, 24.1495, 27.2918



22.9243, 24.1495, 27.4978



23.1356, 24.1495, 27.3773

Triad

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



22.9243, 24.1495, 27.4978



23.3283, 24.1495, 25.7777



22.6112, 24.1495, 25.6355

Complementary

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



22.9243, 24.1495, 27.4978



23.5190, 24.7047, 25.7196

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.



22.7721, 24.1495, 25.2410



22.9243, 24.1495, 27.4978



23.1863, 24.1495, 25.3222

Square

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



22.9243, 24.1495, 27.4978



23.3697, 24.1495, 26.3781



22.9825, 24.1495, 25.1272



22.5420, 24.1495, 26.2115

Rectangle

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



22.9243, 24.1495, 27.4978



23.2530, 24.1495, 27.1290



22.9825, 24.1495, 25.1272



22.6563, 24.1495, 25.4777

Sweetspot

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



22.9250, 24.1505, 27.4983



41.9600, 44.1625, 48.6959



23.1997, 24.9391, 26.8528



9.4208, 9.9151, 10.9236



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.



22.9250, 24.1505, 27.4983



40.1378, 42.2898, 48.4304



22.7141, 23.6310, 27.4092



5.2710, 5.5545, 6.4002



5.4839, 4.2381, 22.5747



0.0501, 0.0555, 0.1545

Inverse Universe

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



23.2425, 23.9281, 26.3165



40.7674, 41.8508, 46.0860



23.7349, 25.2386, 25.8113



5.3641, 5.4900, 6.0536



10.2548, 5.2120, 3.8462



0.0750, 0.0374, 0.0619

Previews

White Background



This preview shows how the XYZ color 22.9243, 24.1495, 27.4978 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 22.9243, 24.1495, 27.4978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

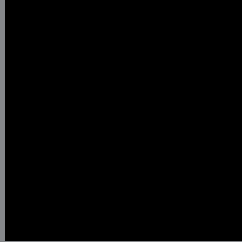
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

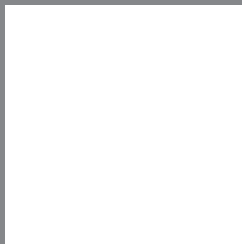
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.9243, 24.1495, 27.4978

Background



This preview shows how black text looks on a background with the XYZ color 22.9243, 24.1495, 27.4978.



This preview shows how white text looks on a background with the XYZ color 22.9243, 24.1495,

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

22.9243, 24.1495, 27.4978

Protanopia

23.1938, 24.0906, 27.0944

Deuteranopia

24.6306, 24.2077, 27.8005



Tritanopia

23.4674, 24.1629, 30.2151

Trichromacy



Original Color

22.9243, 24.1495, 27.4978

Protanomaly

23.0321, 24.0072, 27.0868

Deuteranomaly

23.8960, 24.0293, 27.8048

Tritanomaly

23.2391, 24.0715, 29.0126

Monochromacy



Original Color

22.9243, 24.1495, 27.4978

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.9394, 24.1739, 26.7495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9243, 24.1495, 27.4978 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(133, 135, 138)` looks like.

```
.text, #text, p{  
    color:rgb(133, 135, 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(133, 135, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 135, 138) }
```

Border

The CSS property to change the border of an element to XYZ 22.9243, 24.1495, 27.4978 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(133, 135, 138) }
```


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

```
.border{ border-color:rgb(133, 135, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 135, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 135, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 135, 138);  
box-shadow:4px 4px 4px 4px rgb(133, 135,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9243, 24.1495, 27.4978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 135, 138) }
```

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

```
.background{ background-color: rgb(133,  
135, 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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