

Converting Colors

XYZ(23.8828, 24.4622, 26.3846)

Have a look what the booklet for
XYZ(23.8828, 24.4622, 26.3846)
contains.

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Color

**XYZ(23.8828, 24.4622,
26.3846)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8687
RGB	141, 134, 135
RGB Percent	55%, 53%, 53%
CMY	0.4471, 0.4745, 0.4706
CMYK	0.00, 0.05, 0.04, 0.45
HSL	351°, 3%, 54%
HSV	351°, 5%, 55%
XYZ	23.8828, 24.4622, 26.3846
YIQ	136.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

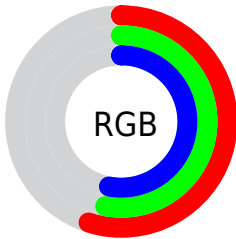
Format	Color
R_{YB}	141, 134, 135
Decimal	9275015
CIE Lab	56.55, 2.81, 0.39
CIE LCh	57, 2.836, 7.974
Yxy	24.4622, 0.3196, 0.3273
Android (android.graphics.Color)	4287465095 (0xFF8D8687)
YUV	136.2070, -0.5951, 4.2035
Hunter-Lab	49.4593, -0.3600, 2.9926

Details

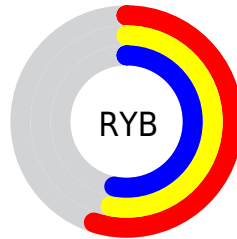
The XYZ color **23.8828, 24.4622, 26.3846** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0910, 26.0122, 28.5634**, and the grayscale version is **23.4811, 24.7039, 26.9025**.

A 20% lighter version of the original color is **49.3531, 50.7736, 54.7760**, and **9.1244, 9.2207, 9.8932** is the 20% darker color. If you saturate the color by 10%, you get **21.2591, 20.5004, 21.5462**, and if you desaturate by 10%, it is **26.8644, 28.9846, 31.8199**.

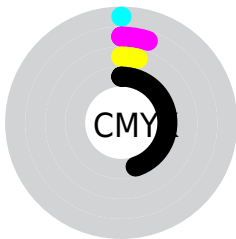
Distribution



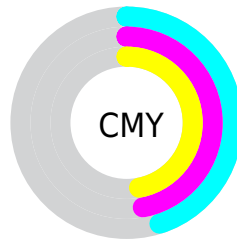
- Red (55%)
- Green (53%)
- Blue (53%)



- Red (55%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (45%)



- Cyan (45%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8828, 24.4622, 26.3846 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 23.8828, 24.4622, 26.3846 by changing the saturation by 10% instead.

■ 23.8828, 24.4622,
26.3846

■ 23.8828, 24.4622,
26.3846

264.6789,
275.1490, 298.3303

■ 15.3710, 15.6768,
16.8832

■ 49.2949, 50.7834,
54.8864

■ 9.1682, 9.2958,
9.9902

■ 66.9260, 69.0880,
74.7240

■ 4.9090, 4.9346,
5.2869

■ 88.3274, 91.3345,
98.8440

■ 2.2282, 2.2089,
2.3549

113.8647,
117.9073, 127.6651

■ 0.7575, 0.7249,
0.7617

143.9031,
149.1907, 161.6057

■ 0.0000, 0.0000,
0.0000

178.8081,

185.5692, 201.0844

218.9449,
227.4272, 246.5198

■ 23.8828, 24.4622,
26.3846

■ 23.8828, 24.4622,
26.3846

■ 21.2591, 20.5004,
21.5462

■ 26.8644, 28.9846,
31.8199

■ 18.9778, 17.0741,
17.2827

■ 30.2147, 34.0848,
37.8699

■ 17.0254, 14.1615,
13.5731

■ 33.9462, 39.7834,
44.5536

■ 15.3866, 11.7376,
10.3947

■ 38.0706, 46.0989,
51.8886

■ 14.0448, 9.7757,
7.7229

■ 42.5990, 53.0491,
59.8921

■ 12.9821, 8.2462,
5.5314

■ 47.5418, 60.6510,
68.5803

■ 12.1784, 7.1163,
3.7914

■ 52.9094, 68.9211,
77.9691

■ 11.6110, 6.3484,
2.4709

■ 58.7116, 77.8751,
88.0738

■ 11.2503, 5.8924,
1.5329

■ 63.0452, 83.7030,
98.2716

Harmonies

Analogous

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



23.8420, 24.4622, 27.3205



23.8828, 24.4622, 26.3846



23.7529, 24.4622, 25.5357

Triad

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



23.8828, 24.4622, 26.3846



22.8635, 24.4622, 25.2322



23.0141, 24.4622, 28.3505

Complementary

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



23.8828, 24.4622, 26.3846



24.0910, 26.0122, 28.5634

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.



22.7554, 24.4622, 27.7657



23.8828, 24.4622, 26.3846



22.6690, 24.4622, 25.9614

Square

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



23.8828, 24.4622, 26.3846



23.1629, 24.4622, 24.8807



22.6296, 24.4622, 26.8873



23.3385, 24.4622, 28.4702

Rectangle

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



23.8828, 24.4622, 26.3846



23.5877, 24.4622, 25.1283



22.6296, 24.4622, 26.8873



22.9167, 24.4622, 28.2011

Sweetspot

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



23.8835, 24.4633, 26.3851



44.7973, 46.8788, 50.9574



24.1404, 24.5455, 28.6651



10.0136, 10.4826, 11.3960



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.



23.8835, 24.4633, 26.3851



42.1904, 42.9309, 46.1862



24.1560, 25.1202, 26.1311



5.6163, 5.7050, 6.1334



10.1357, 5.2113, 1.0997



0.1017, 0.0518, 0.0359

Inverse Universe

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



23.8835, 24.4633, 26.3851



42.1904, 42.9309, 46.1862



23.8077, 25.3274, 28.8336



5.6163, 5.7050, 6.1334



10.1357, 5.2113, 1.0997



0.1017, 0.0518, 0.0359

Previews

White Background



This preview shows how the XYZ color 23.8828, 24.4622, 26.3846 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 23.8828, 24.4622, 26.3846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

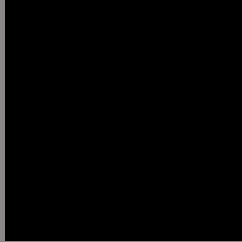
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.8828, 24.4622, 26.3846

Background



This preview shows how black text looks on a background with the XYZ color 23.8828, 24.4622, 26.3846.



This preview shows how white text looks on a background with the XYZ color 23.8828, 24.4622,

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

23.8828, 24.4622, 26.3846

Protanopia

23.5891, 24.5088, 26.7799

Deuteranopia

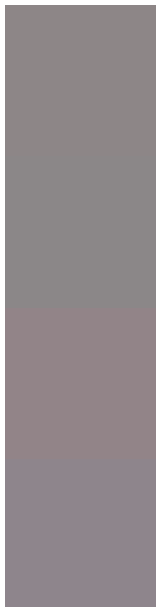
24.9547, 24.3997, 26.6869



Tritanopia

24.5008, 24.5090, 29.4260

Trichromacy



Original Color

23.8828, 24.4622, 26.3846

Protanomaly

23.7554, 24.5945, 26.7877

Deuteranomaly

24.5493, 24.3911, 26.7066

Tritanomaly

24.2765, 24.4193, 28.2448

Monochromacy



Original Color

23.8828, 24.4622, 26.3846

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.5891, 24.5088, 26.7799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8828, 24.4622, 26.3846 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(141, 134, 135)` looks like.

```
.text, #text, p{  
    color:rgb(141, 134, 135)  
}
```

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(141, 134, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 134, 135) }
```

Border

The CSS property to change the border of an element to XYZ 23.8828, 24.4622, 26.3846 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(141, 134, 135) }
```


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

```
.border{ border-color:rgb(141, 134, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 134, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 134, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 134, 135);  
box-shadow:4px 4px 4px 4px rgb(141, 134,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8828, 24.4622, 26.3846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 134, 135) }
```

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

```
.background{ background-color: rgb(141,  
134, 135) }
```

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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