

Converting Colors

XYZ(23.8154, 24.5119, 24.3330)

Have a look what the booklet for
XYZ(23.8154, 24.5119, 24.3330)
contains.

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Color

**XYZ(23.8152, 24.4748,
24.2378)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8681
RGB	143, 134, 129
RGB Percent	56%, 53%, 51%
CMY	0.4392, 0.4745, 0.4941
CMYK	0.00, 0.06, 0.10, 0.44
HSL	21°, 6%, 53%
HSV	21°, 10%, 56%
XYZ	23.8152, 24.4748, 24.2378
YIQ	136.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

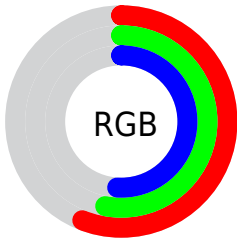
Format	Color
R _Y B	143, 137, 129
Decimal	9406081
CIE Lab	56.56, 2.46, 3.89
CIE LCh	57, 4.604, 57.738
Yxy	24.4748, 0.3284, 0.3375
Android (android.graphics.Color)	4287596161 (0xFF8F8681)
YUV	136.1210, -3.5107, 6.0329
Hunter-Lab	49.4720, -0.6484, 5.5825

Details

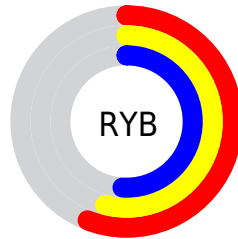
The XYZ color **23.8152, 24.4748, 24.2378** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.0995, 24.8267, 29.5613**, and the grayscale version is **23.4585, 24.6802, 26.8767**.

A 20% lighter version of the original color is **49.2398, 50.7884, 51.4639**, and **9.1325, 9.2470, 8.8929** is the 20% darker color. If you saturate the color by 10%, you get **21.7151, 21.6907, 19.1718**, and if you desaturate by 10%, it is **26.1601, 27.5351, 30.0424**.

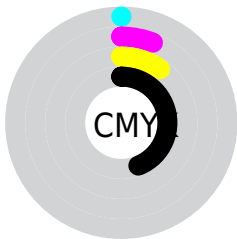
Distribution



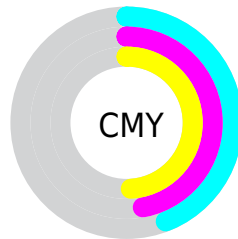
- Red (56%)
- Green (53%)
- Blue (51%)



- Red (56%)
- Yellow (54%)
- Blue (51%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (44%)



- Cyan (44%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8152, 24.4748, 24.2378 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 23.8152, 24.4748, 24.2378 by changing the saturation by 10% instead.

■ 23.8152, 24.4748,
24.2378

■ 23.8152, 24.4748,
24.2378

264.3427,
275.2122, 287.3457

■ 15.3206, 15.6862,
15.2963

■ 49.1853, 50.8039,
51.3667

■ 9.1325, 9.3024,
8.8787

■ 66.7916, 69.1132,
70.3911

■ 4.8855, 4.9389,
4.5664

■ 88.1657, 91.3648,
93.6136

■ 2.2143, 2.2115,
1.9409

113.6732,
117.9432, 121.4527

■ 0.7503, 0.7262,
0.5186

143.6792,
149.2328, 154.3269

■ 0.0000, 0.0000,
0.0000

178.5492,

185.6179, 192.6548

218.6486,
227.4829, 236.8548

■ 23.8152, 24.4748,
24.2378

■ 23.8152, 24.4748,
24.2378

■ 21.7151, 21.6907,
19.1718

■ 26.1601, 27.5351,
30.0424

■ 19.8496, 19.1717,
14.8129

■ 28.7556, 30.8758,
36.6121

■ 18.2104, 16.9108,
11.1298

■ 31.6100, 34.5052,
43.9741

■ 16.7882, 14.8994,
8.0879

■ 34.7304, 38.4301,
52.1539

■ 15.5730, 13.1283,
5.6500

■ 38.1237, 42.6571,
61.1755

■ 14.5536, 11.5878,
3.7745

■ 41.7965, 47.1929,
71.0624

■ 13.7181, 10.2675,
2.4148

■ 45.7553, 52.0434,
81.8368

■ 13.0525, 9.1556,
1.5164

■ 50.0061, 57.2149,
93.5202

■ 12.5261, 8.2337,
0.9377

■ 54.1169, 62.5380,
103.8265

Harmonies

Analogous

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



24.1836, 24.4748, 25.3030



23.8152, 24.4748, 24.2378



23.3031, 24.4748, 23.8161

Triad

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



23.8152, 24.4748, 24.2378



22.2512, 24.4748, 26.5330



23.7439, 24.4748, 29.3384

Complementary

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



23.8152, 24.4748, 24.2378



23.0995, 24.8267, 29.5613

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.



23.2220, 24.4748, 29.6979



23.8152, 24.4748, 24.2378



22.3652, 24.4748, 28.0417

Square

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



23.8152, 24.4748, 24.2378



22.4047, 24.4748, 25.1092



22.7185, 24.4748, 29.2148



24.1421, 24.4748, 28.2503

Rectangle

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



23.8152, 24.4748, 24.2378



22.9510, 24.4748, 23.9439



22.7185, 24.4748, 29.2148



23.5769, 24.4748, 29.5503

Sweetspot

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



23.8159, 24.4759, 24.2383



45.4252, 47.4625, 50.2497



23.7729, 23.3784, 27.3425



10.3428, 10.7875, 11.3390



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.8159, 24.4759, 24.2383



41.6834, 42.5583, 41.0506



24.8005, 26.4451, 24.5665



5.5568, 5.7198, 5.7005



11.0849, 7.3014, 0.8251



0.1254, 0.1087, 0.0144

Inverse Universe

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



23.0995, 24.8267, 29.5613



40.1037, 43.3316, 52.7882



22.1412, 22.9101, 29.2419



5.4003, 5.7964, 6.8630



7.7802, 8.5465, 24.2167



0.0953, 0.1235, 0.2385

Previews

White Background



This preview shows how the XYZ color 23.8152, 24.4748, 24.2378 looks on a white background.

Color Contrast Check

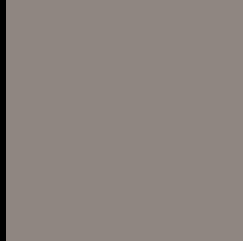
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8152, 24.4748, 24.2378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

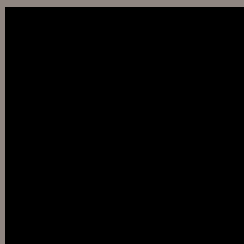
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

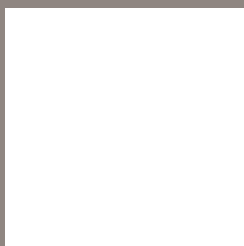
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8152, 24.4748, 24.2378

Background



This preview shows how black text looks on a background with the XYZ color 23.8152, 24.4748, 24.2378.



This preview shows how white text looks on a background with the XYZ color 23.8152, 24.4748,

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

23.8152, 24.4748, 24.2378

Protanopia

23.5085, 24.5151, 24.6120

Deuteranopia

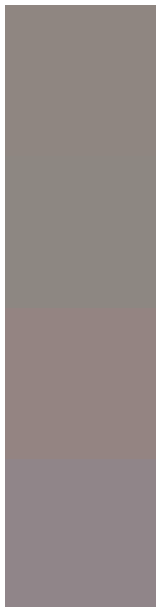
24.9081, 24.4236, 24.5205



Tritanopia

24.8108, 24.4753, 29.0077

Trichromacy



Original Color

23.8152, 24.4748, 24.2378

Protanomaly

23.6777, 24.6024, 24.6199

Deuteranomaly

24.4933, 24.4101, 24.5398

Tritanomaly

24.4045, 24.5105, 27.1117

Monochromacy



Original Color

23.8152, 24.4748, 24.2378

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.5451, 24.5104, 25.6803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8152, 24.4748, 24.2378 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(143, 134, 129) looks like.

```
.text, #text, p{  
    color:rgb(143, 134, 129)  
}
```

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(143, 134, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 134, 129) }
```

Border

The CSS property to change the border of an element to XYZ 23.8152, 24.4748, 24.2378 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(143, 134, 129) }
```


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

```
.border{ border-color:rgb(143, 134, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 134, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 134, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 134, 129);  
box-shadow:4px 4px 4px 4px rgb(143, 134,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8152, 24.4748, 24.2378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 134, 129) }
```

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

```
.background{ background-color: rgb(143,  
134, 129) }
```

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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