

Converting Colors

XYZ(23.5639, 24.1959, 23.2236)

Have a look what the booklet for
XYZ(23.5639, 24.1959, 23.2236)
contains.

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Color

**XYZ(23.4811, 24.1211,
23.1569)**

Conversions

Conversions Part 1

Format	Color
Hex	8F857E
RGB	143, 133, 126
RGB Percent	56%, 52%, 49%
CMY	0.4392, 0.4784, 0.5059
CMYK	0.00, 0.07, 0.12, 0.44
HSL	25°, 7%, 53%
HSV	25°, 12%, 56%
XYZ	23.4811, 24.1211, 23.1569
YIQ	135.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

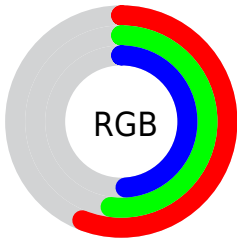
Format	Color
R _Y B	143, 138, 126
Decimal	9405822
CIE Lab	56.21, 2.49, 5.12
CIE LCh	56, 5.690, 64.047
Yxy	24.1211, 0.3318, 0.3409
Android (android.graphics.Color)	4287595902 (0xFF8F857E)
YUV	135.1920, -4.5317, 6.8476
Hunter-Lab	49.1132, -0.6071, 6.4240

Details

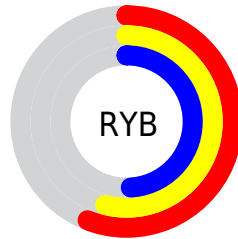
The XYZ color **23.4811, 24.1211, 23.1569** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.3661, 24.0265, 29.4455**, and the grayscale version is **23.1151, 24.3189, 26.4833**.

A 20% lighter version of the original color is **48.7215, 50.2428, 49.7778**, and **9.0241, 9.2036, 8.3220** is the 20% darker color. If you saturate the color by 10%, you get **21.5182, 21.5677, 18.2709**, and if you desaturate by 10%, it is **25.6695, 26.9138, 28.7694**.

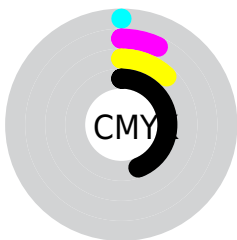
Distribution



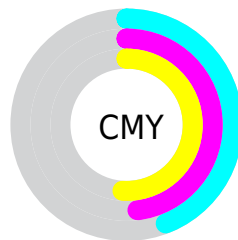
- Red (56%)
- Green (52%)
- Blue (49%)



- Red (56%)
- Yellow (54%)
- Blue (49%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (44%)



- Cyan (44%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4811, 24.1211, 23.1569 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 23.4811, 24.1211, 23.1569 by changing the saturation by 10% instead.

■ 23.4811, 24.1211,
23.1569

■ 23.4811, 24.1211,
23.1569

262.6759,
273.4321, 281.6778

■ 15.0718, 15.4235,
14.5030

■ 48.6430, 50.2277,
49.5773

■ 8.9564, 9.1171,
8.3286

■ 66.1262, 68.4056,
68.1809

■ 4.7697, 4.8177,
4.2152

■ 87.3649, 90.5122,
90.9381

■ 2.1461, 2.1407,
1.7441

112.7242,
116.9321, 118.2675

■ 0.7141, 0.6874,
0.3907

142.5696,
148.0497, 150.5876

■ 0.0000, 0.0000,
0.0000

177.2665,

184.2493, 188.3171

217.1801,
225.9153, 231.8743

■ 23.4811, 24.1211,
23.1569

■ 23.4811, 24.1211,
23.1569

■ 21.5182, 21.5677,
18.2709

■ 25.6695, 26.9138,
28.7694

■ 19.7710, 19.2438,
14.0799

■ 28.0887, 29.9488,
35.1352

■ 18.2320, 17.1438,
10.5522

■ 30.7462, 33.2332,
42.2816

■ 16.8925, 15.2603,
7.6531

■ 33.6489, 36.7728,
50.2339

■ 15.7429, 13.5858,
5.3446

■ 36.8029, 40.5731,
59.0166

■ 14.7730, 12.1120,
3.5847

■ 40.2146, 44.6396,
68.6527

■ 13.9712, 10.8301,
2.3255

■ 43.8897, 48.9775,
79.1647

■ 13.3242, 9.7303,
1.5110

■ 47.8341, 53.5918,
90.5741

■ 12.8870, 8.9582,
1.0499

■ 52.0532, 58.4875,
102.9015

Harmonies

Analogous

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



23.9842, 24.1211, 24.2986



23.4811, 24.1211, 23.1569



22.8377, 24.1211, 22.8328

Triad

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



23.4811, 24.1211, 23.1569



21.6948, 24.1211, 26.5188



23.6376, 24.1211, 29.3622

Complementary

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



23.4811, 24.1211, 23.1569



22.3661, 24.0265, 29.4455

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.



23.0153, 24.1211, 30.0224



23.4811, 24.1211, 23.1569



21.9002, 24.1211, 28.3321

Square

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



23.4811, 24.1211, 23.1569



21.8142, 24.1211, 24.7191



22.3805, 24.1211, 29.6368



24.0757, 24.1211, 27.8715

Rectangle

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



23.4811, 24.1211, 23.1569



22.4178, 24.1211, 23.1104



22.3805, 24.1211, 29.6368



23.4426, 24.1211, 29.6917

Sweetspot

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



23.4818, 24.1222, 23.1574



45.0741, 47.0629, 49.1994



23.2469, 22.5449, 26.4937



10.2724, 10.7112, 11.1171



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.



23.4818, 24.1222, 23.1574



41.1690, 42.0588, 39.2469



24.6629, 26.4845, 23.5511



5.5799, 5.7662, 5.7083



11.4143, 7.9603, 0.9349



0.1300, 0.1178, 0.0159

Inverse Universe

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



22.3661, 24.0265, 29.4455



38.8046, 41.8557, 52.5718



21.2425, 21.7793, 29.0710



5.3765, 5.7488, 6.8550



7.2141, 7.4142, 24.0279



0.0907, 0.1144, 0.2370

Previews

White Background



This preview shows how the XYZ color 23.4811, 24.1211, 23.1569 looks on a white background.

Color Contrast Check

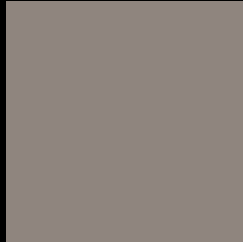
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4811, 24.1211, 23.1569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

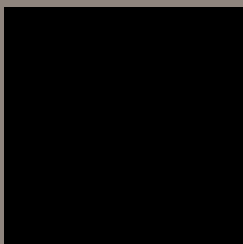
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

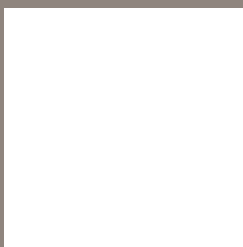
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4811, 24.1211, 23.1569

Background



This preview shows how black text looks on a background with the XYZ color 23.4811, 24.1211, 23.1569.



This preview shows how white text looks on a background with the XYZ color 23.4811, 24.1211,

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

23.4811, 24.1211, 23.1569

Protanopia

23.0033, 24.0715, 23.5125

Deuteranopia

24.5759, 24.0769, 23.4307



Tritanopia

24.6011, 24.1754, 28.5690

Trichromacy



Original Color

23.4811, 24.1211, 23.1569

Protanomaly

23.1711, 24.1579, 23.5204

Deuteranomaly

24.1598, 24.0608, 23.4495

Tritanomaly

24.1968, 24.2094, 26.6901

Monochromacy



Original Color

23.4811, 24.1211, 23.1569

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.1712, 24.1194, 25.2641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4811, 24.1211, 23.1569 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, 133, 126) looks like.

```
.text, #text, p{  
    color:rgb(143, 133, 126)  
}
```

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, 133, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 133, 126) }
```

Border

The CSS property to change the border of an element to XYZ 23.4811, 24.1211, 23.1569 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, 133, 126) }
```


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

```
.border{ border-color:rgb(143, 133, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 133, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 133, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 133, 126);  
box-shadow:4px 4px 4px 4px rgb(143, 133,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4811, 24.1211, 23.1569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 133, 126) }
```

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

```
.background{ background-color: rgb(143,  
133, 126) }
```

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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