

Converting Colors

XYZ(23.8777, 22.4127, 29.1196)

Have a look what the booklet for
XYZ(23.8777, 22.4127, 29.1196)
contains.

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Color

**XYZ(23.8426, 22.4182,
29.0571)**

Conversions

Conversions Part 1

Format	Color
Hex	917C8F
RGB	145, 124, 143
RGB Percent	57%, 49%, 56%
CMY	0.4314, 0.5137, 0.4392
CMYK	0.00, 0.14, 0.01, 0.43
HSL	306°, 9%, 53%
HSV	306°, 14%, 57%
XYZ	23.8426, 22.4182, 29.0571
YIQ	132.4450, 6.4170, 10.3610

Conversions

Conversions Part 2

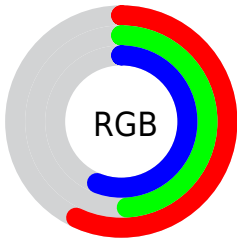
Format	Color
R _Y B	145, 124, 143
Decimal	9534607
CIE Lab	54.47, 11.60, -7.27
CIE LCh	54, 13.685, 327.924
Yxy	22.4182, 0.3166, 0.2976
Android (android.graphics.Color)	4287724687 (0xFF917C8F)
YUV	132.4450, 5.2036, 11.0107
Hunter-Lab	47.3479, 7.0271, -3.2424

Details

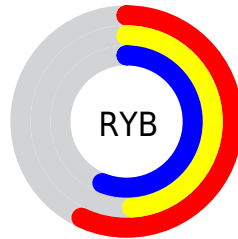
The XYZ color **23.8426, 22.4182, 29.0571** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.2043, 26.0428, 23.5963**, and the grayscale version is **22.0735, 23.2231, 25.2899**.

A 20% lighter version of the original color is **49.3534, 47.6176, 59.4132**, and **9.1080, 8.2022, 11.4591** is the 20% darker color. If you saturate the color by 10%, you get **22.0537, 19.0064, 27.9480**, and if you desaturate by 10%, it is **25.9014, 26.3669, 30.2630**.

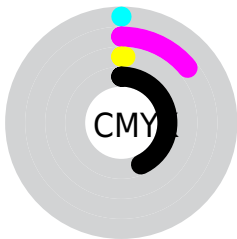
Distribution



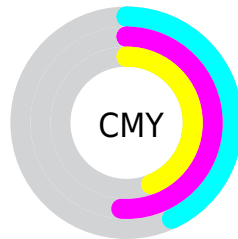
- Red (57%)
- Green (49%)
- Blue (56%)



- Red (57%)
- Yellow (49%)
- Blue (56%)



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (43%)



- Cyan (43%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8426, 22.4182, 29.0571 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 23.8426, 22.4182, 29.0571 by changing the saturation by 10% instead.

■ 23.8426, 22.4182,
29.0571

■ 23.8426, 22.4182,
29.0571

264.4790,
264.7225, 311.5536

■ 15.3410, 14.1645,
18.8781

■ 49.2298, 47.4362,
59.2111

■ 9.1469, 8.2352,
11.4063

■ 66.8461, 64.9693,
80.0231

■ 4.8950, 4.2458,
6.2232

■ 88.2313, 86.3644,
105.2165

■ 2.2199, 1.8120,
2.9103

113.7508,
112.0058, 135.2099

■ 0.7532, 0.4946,
1.0490

143.7700,
142.2779, 170.4217

■ 0.0000, 0.0000,
0.0000

178.6542,

177.5651, 211.2706

218.7687,
218.2519, 258.1751

■ 23.8426, 22.4182,
29.0571

■ 23.8426, 22.4182,
29.0571

■ 22.0537, 19.0064,
27.9480

■ 25.9014, 26.3669,
30.2630

■ 20.5209, 16.1053,
26.9304

■ 28.2389, 30.8714,
31.5680

■ 19.2326, 13.6910,
26.0005

■ 30.8661, 35.9533,
32.9760

■ 18.1752, 11.7365,
25.1539

■ 33.7929, 41.6320,
34.4902

■ 17.3338, 10.2119,
24.3856

■ 37.0284, 47.9263,
36.1137

■ 16.6919, 9.0844,
23.6900

■ 40.5817, 54.8540,
37.8497

■ 16.2305, 8.3157,
23.0608

■ 44.4613, 62.4321,
39.7009

■ 15.9256, 7.8582,
22.4900

■ 48.6753, 70.6771,
41.6701

■ 15.7868, 7.6637,
22.1874

■ 53.2318, 79.6049,
43.7600

Harmonies

Analogous

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



22.6852, 22.4182, 32.4470



23.8426, 22.4182, 29.0571



24.3176, 22.4182, 24.7097

Triad

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



23.8426, 22.4182, 29.0571



21.4123, 22.4182, 17.0597



18.8630, 22.4182, 28.4796

Complementary

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



23.8426, 22.4182, 29.0571



22.2043, 26.0428, 23.5963

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.



18.5573, 22.4182, 24.1120



23.8426, 22.4182, 29.0571



19.9873, 22.4182, 17.8229

Square

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



23.8426, 22.4182, 29.0571



22.8742, 22.4182, 18.0663



18.9594, 22.4182, 20.2861



19.8147, 22.4182, 32.0871

Rectangle

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



23.8426, 22.4182, 29.0571



24.1673, 22.4182, 21.9581



18.9594, 22.4182, 20.2861



18.6833, 22.4182, 27.0371

Sweetspot

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



23.8433, 22.4192, 29.0576



46.5418, 47.5201, 54.2855



20.8868, 20.8774, 29.7173



10.2932, 10.4551, 12.0418



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.



23.8433, 22.4192, 29.0576



41.7300, 38.2964, 51.4490



23.1018, 22.1226, 25.1532



5.6044, 5.5023, 6.6809



13.5459, 6.5754, 19.0578



0.1337, 0.0645, 0.2042

Inverse Universe

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



23.8433, 22.4192, 29.0576



41.7300, 38.2964, 51.4490



22.9001, 26.3211, 27.2600



5.6044, 5.5023, 6.6809



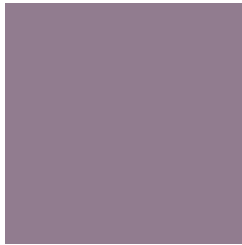
13.5459, 6.5754, 19.0578



0.1337, 0.0645, 0.2042

Previews

White Background



This preview shows how the XYZ color 23.8426, 22.4182, 29.0571 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 23.8426, 22.4182, 29.0571 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 23.8426, 22.4182, 29.0571

Background



This preview shows how black text looks on a background with the XYZ color 23.8426, 22.4182, 29.0571.



This preview shows how white text looks on a background with the XYZ color 23.8426, 22.4182,

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

23.8426, 22.4182, 29.0571

Protanopia

21.9407, 22.3650, 30.3546

Deuteranopia

22.9531, 22.5350, 28.7311



Tritanopia

23.2084, 22.3458, 26.0116

Trichromacy



Original Color

23.8426, 22.4182, 29.0571

Protanomaly

22.5317, 22.2914, 29.9032

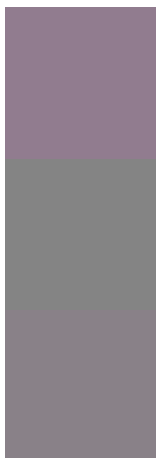
Deuteranomaly

23.3278, 22.5374, 28.7118

Tritanomaly

23.4227, 22.4315, 27.1400

Monochromacy



Original Color

23.8426, 22.4182, 29.0571

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.6107, 22.7965, 26.5010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8426, 22.4182, 29.0571 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(145, 124, 143)` looks like.

```
.text, #text, p{  
    color:rgb(145, 124, 143)  
}
```

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(145, 124, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 124, 143) }
```

Border

The CSS property to change the border of an element to XYZ 23.8426, 22.4182, 29.0571 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(145, 124, 143) }
```


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

```
.border{ border-color:rgb(145, 124, 143) }
```

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

Here you see how a box with a 4 pixel rgb(145, 124, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 124, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 124, 143);  
box-shadow:4px 4px 4px 4px rgb(145, 124,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8426, 22.4182, 29.0571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 124, 143) }
```

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

```
.background{ background-color: rgb(145,  
124, 143) }
```

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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