

Converting Colors

XYZ(23.6395, 22.8874, 27.9842)

Have a look what the booklet for
XYZ(23.6395, 22.8874, 27.9842)
contains.

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Color

**XYZ(23.6507, 22.9118,
27.9868)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7F8C
RGB	143, 127, 140
RGB Percent	56%, 50%, 55%
CMY	0.4392, 0.5019, 0.4510
CMYK	0.00, 0.11, 0.02, 0.44
HSL	311°, 7%, 53%
HSV	311°, 11%, 56%
XYZ	23.6507, 22.9118, 27.9868
YIQ	133.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

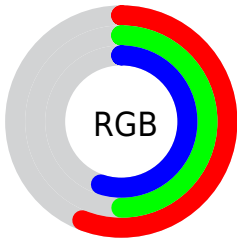
Format	Color
R_{YB}	143, 127, 140
Decimal	9404300
CIE _{Lab}	54.98, 8.53, -4.78
CIE _{LCh}	55, 9.783, 330.741
Yxy	22.9118, 0.3172, 0.3073
Android (android.graphics.Color)	4287594380 (0xFF8F7F8C)
YUV	133.2660, 3.3199, 8.5367
Hunter-Lab	47.8663, 4.4308, -1.1597

Details

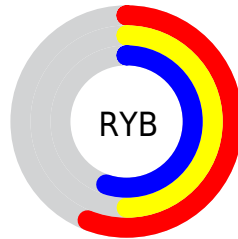
The XYZ color **23.6507, 22.9118, 27.9868** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.6050, 25.7693, 24.9029**, and the grayscale version is **22.3787, 23.5441, 25.6395**.

A 20% lighter version of the original color is **49.0848, 48.4079, 57.7955**, and **9.0841, 8.5141, 10.8375** is the 20% darker color. If you saturate the color by 10%, you get **21.7382, 19.3992, 26.3857**, and if you desaturate by 10%, it is **25.8315, 26.9526, 29.7017**.

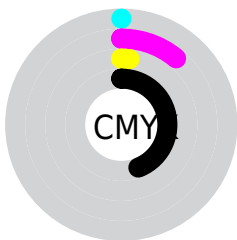
Distribution



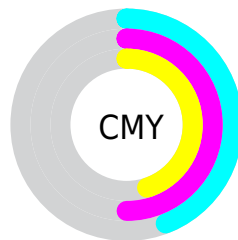
- Red (56%)
- Green (50%)
- Blue (55%)



- Red (56%)
- Yellow (50%)
- Blue (55%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (44%)



- Cyan (44%)
- Magenta (50%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6507, 22.9118, 27.9868 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 23.6507, 22.9118, 27.9868 by changing the saturation by 10% instead.

■ 23.6507, 22.9118,
27.9868

■ 23.6507, 22.9118,
27.9868

263.5231,
267.2717, 306.3138

■ 15.1980, 14.5284,
18.0768

■ 48.9184, 48.2485,
57.4862

■ 9.0457, 8.4891,
10.8351

■ 66.4642, 65.9705,
77.9127

■ 4.8284, 4.4095,
5.8433

■ 87.7717, 87.5742,
102.6817

■ 2.1806, 1.9051,
2.6828

113.2064,
113.4440, 132.2117

■ 0.7325, 0.5515,
0.9347

143.1335,
143.9642, 166.9215

■ 0.0000, 0.0000,
0.0000

177.9184,

179.5193, 207.2293

217.9265,
220.4937, 253.5539

■ 23.6507, 22.9118,
27.9868

■ 23.6507, 22.9118,
27.9868

■ 21.7382, 19.3992,
26.3857

■ 25.8315, 26.9526,
29.7017

■ 20.0810, 16.3898,
24.8930

■ 28.2889, 31.5394,
31.5325

■ 18.6680, 13.8611,
23.5052

■ 31.0335, 36.6927,
33.4831

■ 17.4864, 11.7877,
22.2177

■ 34.0746, 42.4310,
35.5568

■ 16.5222, 10.1418,
21.0259

■ 37.4211, 48.7721,
37.7568

■ 15.7602, 8.8926,
19.9244

■ 41.0814, 55.7331,
40.0859

■ 15.1827, 8.0052,
18.9072

■ 45.0639, 63.3302,
42.5472

■ 14.7693, 7.4385,
17.9672

■ 49.3763, 71.5792,
45.1434

■ 14.4909, 7.1049,
17.1860

■ 53.8012, 80.0451,
47.8022

Harmonies

Analogous

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



22.8623, 22.9118, 30.4503



23.6507, 22.9118, 27.9868



23.9332, 22.9118, 24.8698

Triad

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



23.6507, 22.9118, 27.9868



21.7500, 22.9118, 19.4304



20.0305, 22.9118, 28.1317

Complementary

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



23.6507, 22.9118, 27.9868



22.6050, 25.7693, 24.9029

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.



19.7543, 22.9118, 25.0245



23.6507, 22.9118, 27.9868



20.7266, 22.9118, 20.1503

Square

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



23.6507, 22.9118, 27.9868



22.8140, 22.9118, 20.0833



20.0049, 22.9118, 22.1358



20.7719, 22.9118, 30.5387

Rectangle

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



23.6507, 22.9118, 27.9868



23.7895, 22.9118, 22.8878



20.0049, 22.9118, 22.1358



19.8813, 22.9118, 27.1263

Sweetspot

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



23.6514, 22.9128, 27.9873



45.4896, 46.8363, 52.5985



21.7439, 21.9036, 29.0688



10.3614, 10.6099, 12.0075



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.



23.6514, 22.9128, 27.9873



41.6012, 39.6425, 49.5049



23.0873, 22.6872, 25.0169



5.5835, 5.4939, 6.5706



12.8196, 6.2848, 15.2331



0.1298, 0.0630, 0.1838

Inverse Universe

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



23.6514, 22.9128, 27.9873



41.6012, 39.6425, 49.5049



23.1583, 25.9906, 27.8163



5.5835, 5.4939, 6.5706



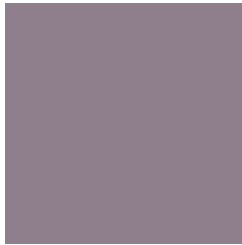
12.8196, 6.2848, 15.2331



0.1298, 0.0630, 0.1838

Previews

White Background



This preview shows how the XYZ color 23.6507, 22.9118, 27.9868 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 23.6507, 22.9118, 27.9868 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 23.6507, 22.9118, 27.9868

Background



This preview shows how black text looks on a background with the XYZ color 23.6507, 22.9118, 27.9868.



This preview shows how white text looks on a background with the XYZ color 23.6507, 22.9118,

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

23.6507, 22.9118, 27.9868

Protanopia

22.3589, 23.0109, 28.8543

Deuteranopia

23.4373, 22.9945, 28.0140



Tritanopia

23.4324, 22.8245, 26.8375

Trichromacy



Original Color

23.6507, 22.9118, 27.9868

Protanomaly

22.7820, 23.0392, 28.4456

Deuteranomaly

23.6081, 23.0826, 28.0220

Tritanomaly

23.5045, 22.8534, 27.2171

Monochromacy



Original Color

23.6507, 22.9118, 27.9868

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.8768, 23.3285, 26.5897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6507, 22.9118, 27.9868 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, 127, 140)` looks like.

```
.text, #text, p{  
    color:rgb(143, 127, 140)  
}
```

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, 127, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 127, 140) }
```

Border

The CSS property to change the border of an element to XYZ 23.6507, 22.9118, 27.9868 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, 127, 140) }
```


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

```
.border{ border-color:rgb(143, 127, 140) }
```

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

Here you see how a box with a 4 pixel rgb(143, 127, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 127, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 127, 140);  
box-shadow:4px 4px 4px 4px rgb(143, 127,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6507, 22.9118, 27.9868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 127, 140) }
```

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

```
.background{ background-color: rgb(143,  
127, 140) }
```

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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