

Converting Colors

XYZ(23.0318, 21.8439, 28.4295)

Have a look what the booklet for
XYZ(23.0318, 21.8439, 28.4295)
contains.

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Color

**XYZ(23.1208, 21.8697,
28.5939)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7B8E
RGB	142, 123, 142
RGB Percent	56%, 48%, 56%
CMY	0.4431, 0.5176, 0.4431
CMYK	0.00, 0.13, 0.00, 0.44
HSL	300°, 8%, 52%
HSV	300°, 13%, 56%
XYZ	23.1208, 21.8697, 28.5939
YIQ	130.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

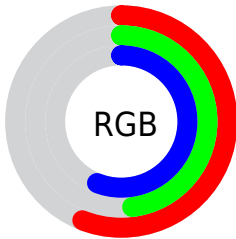
Format	Color
R_{YB}	142, 123, 142
Decimal	9337742
CIE _{Lab}	53.89, 10.88, -7.58
CIE _{LCh}	54, 13.258, 325.137
Yxy	21.8697, 0.3142, 0.2972
Android (android.graphics.Color)	4287527822 (0xFF8E7B8E)
YUV	130.8470, 5.4984, 9.7812
Hunter-Lab	46.7651, 6.4122, -3.5166

Details

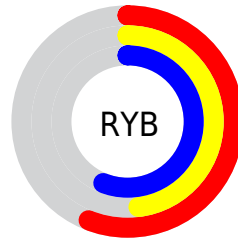
The XYZ color **23.1208, 21.8697, 28.5939** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.4174, 24.9877, 22.4343**, and the grayscale version is **21.4991, 22.6187, 24.6318**.

A 20% lighter version of the original color is **48.2541, 46.7720, 58.7092**, and **8.7942, 7.9456, 11.1954** is the 20% darker color. If you saturate the color by 10%, you get **21.4857, 18.5992, 28.0491**, and if you desaturate by 10%, it is **25.0127, 25.6531, 29.2248**.

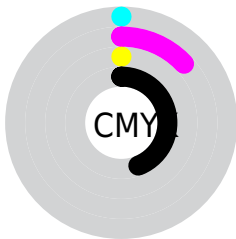
Distribution



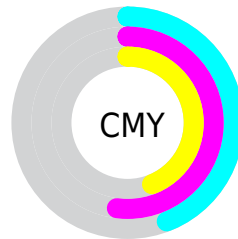
- Red (56%)
- Green (48%)
- Blue (56%)



- Red (56%)
- Yellow (48%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (44%)



- Cyan (44%)
- Magenta (52%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1208, 21.8697, 28.5939 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 23.1208, 21.8697, 28.5939 by changing the saturation by 10% instead.

■ 23.1208, 21.8697,
28.5939

■ 23.1208, 21.8697,
28.5939

260.8686,
261.8651, 309.2948

■ 14.8039, 13.7612,
18.5309

■ 48.0568, 46.5305,
58.4657

■ 8.7673, 7.9548,
11.1584

■ 65.4066, 63.8517,
79.1116

■ 4.6456, 4.0660,
6.0580

■ 86.4982, 85.0125,
104.1222

■ 2.0735, 1.7106,
2.8110

111.6967,
110.3973, 133.9161

■ 0.6747, 0.4305,
0.9990

141.3677,
140.3906, 168.9117

■ 0.0000, 0.0000,
0.0000

175.8764,

175.3767, 209.5277

215.5883,
215.7401, 256.1825

■ 23.1208, 21.8697,
28.5939

■ 23.1208, 21.8697,
28.5939

■ 21.4857, 18.5992,
28.0491

■ 25.0127, 25.6531,
29.2248

■ 20.0946, 15.8170,
27.5853

■ 27.1698, 29.9673,
29.9439

■ 18.9363, 13.5004,
27.1992

■ 29.6024, 34.8325,
30.7548

■ 17.9981, 11.6241,
26.8864

■ 32.3198, 40.2673,
31.6607

■ 17.2661, 10.1601,
26.6423

■ 35.3308, 46.2892,
32.6644

■ 16.7248, 9.0775,
26.4618

■ 38.6438, 52.9152,
33.7688

■ 16.3565, 8.3409,
26.3390

■ 42.2669, 60.1614,
34.9766

■ 16.1400, 7.9080,
26.2668

■ 46.2079, 68.0434,
36.2903

■ 16.0380, 7.7039,
26.2328

■ 50.4743, 76.5761,
37.7125

Harmonies

Analogous

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



21.9743, 21.8697, 31.6606



23.1208, 21.8697, 28.5939



23.6429, 21.8697, 24.4849

Triad

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



23.1208, 21.8697, 28.5939



21.0200, 21.8697, 16.8077



18.3995, 21.8697, 27.3099

Complementary

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



23.1208, 21.8697, 28.5939



21.4174, 24.9877, 22.4343

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.



18.1700, 21.8697, 23.1523



23.1208, 21.8697, 28.5939



19.6423, 21.8697, 17.3818

Square

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



23.1208, 21.8697, 28.5939



22.3951, 21.8697, 17.9276



18.6148, 21.8697, 19.5960



19.2568, 21.8697, 30.8618

Rectangle

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



23.1208, 21.8697, 28.5939



23.5500, 21.8697, 21.8182



18.6148, 21.8697, 19.5960



18.2481, 21.8697, 25.9245

Sweetspot

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



23.1214, 21.8706, 28.5944



43.8569, 44.7361, 51.4513



20.1348, 20.3310, 28.4547



9.7419, 9.8847, 11.4739



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.



23.1214, 21.8706, 28.5944



39.8739, 36.7702, 50.1235



22.4382, 21.5974, 24.9965



5.6263, 5.5110, 6.7960



14.3995, 6.9168, 23.5527



0.1377, 0.0661, 0.2252

Inverse Universe

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



23.1214, 21.8706, 28.5944



39.8739, 36.7702, 50.1235



22.0413, 25.2373, 25.7200



5.6263, 5.5110, 6.7960



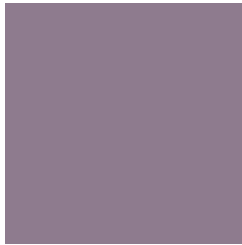
14.3995, 6.9168, 23.5527



0.1377, 0.0661, 0.2252

Previews

White Background



This preview shows how the XYZ color 23.1208, 21.8697, 28.5939 looks on a white background.

Color Contrast Check

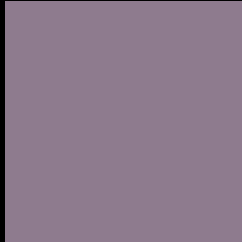
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1208, 21.8697, 28.5939 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 23.1208, 21.8697, 28.5939

Background



This preview shows how black text looks on a background with the XYZ color 23.1208, 21.8697, 28.5939.



This preview shows how white text looks on a background with the XYZ color 23.1208, 21.8697,

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

23.1208, 21.8697, 28.5939

Protanopia

21.4342, 21.9183, 29.8890

Deuteranopia

22.3694, 21.8545, 28.6305



Tritanopia

22.4952, 21.7993, 25.5763

Trichromacy



Original Color

23.1208, 21.8697, 28.5939

Protanomaly

22.0106, 21.8409, 29.4412

Deuteranomaly

22.5714, 21.7716, 28.6039

Tritanomaly

22.7075, 21.8842, 26.6942

Monochromacy



Original Color

23.1208, 21.8697, 28.5939

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.0840, 22.3385, 26.0695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1208, 21.8697, 28.5939 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(142, 123, 142) looks like.

```
.text, #text, p{  
    color:rgb(142, 123, 142)  
}
```

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(142, 123, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 123, 142) }
```

Border

The CSS property to change the border of an element to XYZ 23.1208, 21.8697, 28.5939 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(142, 123, 142) }
```


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

```
.border{ border-color:rgb(142, 123, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 123, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 123, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 123, 142);  
box-shadow:4px 4px 4px 4px rgb(142, 123,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1208, 21.8697, 28.5939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 123, 142) }
```

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

```
.background{ background-color: rgb(142,  
123, 142) }
```

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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