

Converting Colors

XYZ(23.8663, 23.5457, 29.1909)

Have a look what the booklet for
XYZ(23.8663, 23.5457, 29.1909)
contains.

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Color

**XYZ(23.9251, 23.6112,
29.2830)**

Conversions

Conversions Part 1

Format	Color
Hex	8D828F
RGB	141, 130, 143
RGB Percent	55%, 51%, 56%
CMY	0.4471, 0.4902, 0.4392
CMYK	0.01, 0.09, 0.00, 0.44
HSL	291°, 5%, 54%
HSV	291°, 9%, 56%
XYZ	23.9251, 23.6112, 29.2830
YIQ	134.7710, 2.3830, 6.3750

Conversions

Conversions Part 2

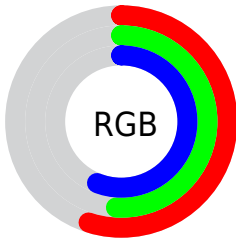
Format	Color
R _Y B	141, 130, 143
Decimal	9273999
CIE Lab	55.70, 6.66, -5.48
CIE LCh	56, 8.629, 320.558
Yxy	23.6112, 0.3114, 0.3074
Android (android.graphics.Color)	4287464079 (0xFF8D828F)
YUV	134.7710, 4.0569, 5.4628
Hunter-Lab	48.5914, 2.8538, -1.7165

Details

The XYZ color **23.9251, 23.6112, 29.2830** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.3683, 26.1628, 24.9386**, and the grayscale version is **22.9297, 24.1239, 26.2709**.

A 20% lighter version of the original color is **49.5172, 49.5003, 59.7680**, and **9.2326, 8.8993, 11.5871** is the 20% darker color. If you saturate the color by 10%, you get **21.7835, 19.8776, 28.6756**, and if you desaturate by 10%, it is **26.3399, 27.8794, 29.9799**.

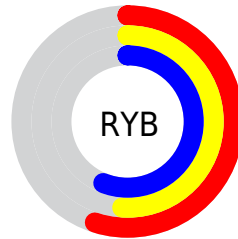
Distribution



Red (55%)

Green (51%)

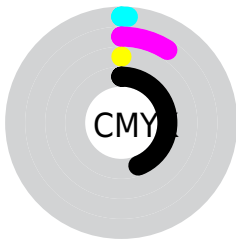
Blue (56%)



Red (55%)

Yellow (51%)

Blue (56%)

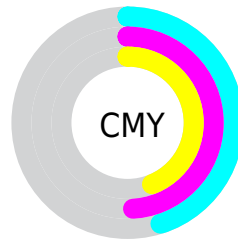


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (44%)



Cyan (45%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9251, 23.6112, 29.2830 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 23.9251, 23.6112, 29.2830 by changing the saturation by 10% instead.

■ 23.9251, 23.6112,
29.2830

■ 23.9251, 23.6112,
29.2830

264.8891,
270.8489, 312.6505

■ 15.4025, 15.0455,
19.0476

■ 49.3635, 49.3950,
59.5740

■ 9.1905, 8.8513,
11.5275

■ 67.0100, 67.3818,
80.4666

■ 4.9238, 4.6443,
6.3042

■ 88.4286, 89.2778,
105.7487

■ 2.2369, 2.0401,
2.9592

113.9845,
115.4674, 135.8388

■ 0.7621, 0.6306,
1.0738

144.0432,
146.3348, 171.1556

■ 0.0000, 0.0000,
0.0000

178.9699,

182.2647, 212.1174

219.1301,
223.6412, 259.1428

■ 23.9251, 23.6112,
29.2830

■ 23.9251, 23.6112,
29.2830

■ 21.7835, 19.8776,
28.6756

■ 26.3399, 27.8794,
29.9799

■ 19.9022, 16.6538,
28.1525

■ 29.0360, 32.6996,
30.7682

■ 18.2701, 13.9177,
27.7104

■ 32.0239, 38.0922,
31.6516

■ 16.8748, 11.6442,
27.3451

■ 35.3128, 44.0756,
32.6332

■ 15.7026, 9.8062,
27.0521

■ 38.9115, 50.6674,
33.7159

■ 14.7384, 8.3735,
26.8264

■ 42.8285, 57.8844,
34.9024

■ 13.9652, 7.3121,
26.6623

■ 47.0720, 65.7429,
36.1956

■ 13.3632, 6.5827,
26.5532

■ 51.6497, 74.2584,
37.5980

■ 12.8854, 6.0909,
26.4835

■ 55.3761, 81.0597,
38.7144

Harmonies

Analogous

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



23.1084, 23.6112, 31.0865



23.9251, 23.6112, 29.2830



24.3478, 23.6112, 26.6020

Triad

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



23.9251, 23.6112, 29.2830



22.7516, 23.6112, 20.7548



20.7271, 23.6112, 27.6459

Complementary

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



23.9251, 23.6112, 29.2830



23.3683, 26.1628, 24.9386

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.



20.6379, 23.6112, 24.8354



23.9251, 23.6112, 29.2830



21.7880, 23.6112, 20.9897

Square

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



23.9251, 23.6112, 29.2830



23.6574, 23.6112, 21.7708



21.0210, 23.6112, 22.4376



21.2685, 23.6112, 30.0947

Rectangle

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



23.9251, 23.6112, 29.2830



24.3411, 23.6112, 24.7346



21.0210, 23.6112, 22.4376



20.6439, 23.6112, 26.7078

Sweetspot

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



23.9258, 23.6122, 29.2835



45.3924, 46.7734, 53.1738



22.4387, 23.2779, 29.2974



10.3335, 10.5918, 12.1720



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.



23.9258, 23.6122, 29.2835



41.9842, 40.7727, 52.1951



23.9469, 23.6603, 27.6040



5.5459, 5.4696, 6.7922



11.3697, 5.3549, 23.4114



0.1229, 0.0585, 0.2245

Inverse Universe

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



23.4760, 23.4719, 25.1242



41.0080, 40.4697, 43.0996



23.3556, 26.1219, 26.4884



5.4406, 5.4368, 5.8183



10.1493, 5.2167, 1.1715



0.1022, 0.0519, 0.0384

Previews

White Background



This preview shows how the XYZ color 23.9251, 23.6112, 29.2830 looks on a white background.

Color Contrast Check

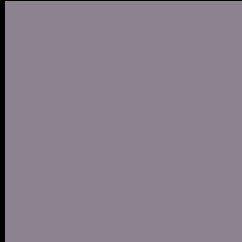
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9251, 23.6112, 29.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

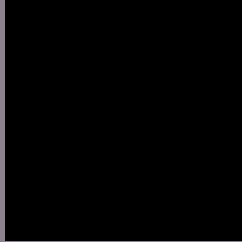
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.9251, 23.6112, 29.2830

Background



This preview shows how black text looks on a background with the XYZ color 23.9251, 23.6112, 29.2830.



This preview shows how white text looks on a background with the XYZ color 23.9251, 23.6112,

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

23.9251, 23.6112, 29.2830

Protanopia

23.1712, 23.8059, 30.1618

Deuteranopia

24.0959, 23.6992, 29.2910



Tritanopia

23.7749, 23.5511, 28.4920

Trichromacy



Original Color

23.9251, 23.6112, 29.2830

Protanomaly

23.4386, 23.7504, 29.7345

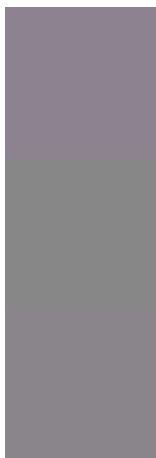
Deuteranomaly

24.0959, 23.6992, 29.2910

Tritanomaly

23.8496, 23.5810, 28.8858

Monochromacy



Original Color

23.9251, 23.6112, 29.2830

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.2915, 23.9284, 27.4358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9251, 23.6112, 29.2830 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(141, 130, 143)` looks like.

```
.text, #text, p{  
    color:rgb(141, 130, 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(141, 130, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 130, 143) }
```

Border

The CSS property to change the border of an element to XYZ 23.9251, 23.6112, 29.2830 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(141, 130, 143) }
```


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

```
.border{ border-color:rgb(141, 130, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 130, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 130, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 130, 143);  
box-shadow:4px 4px 4px 4px rgb(141, 130,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9251, 23.6112, 29.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 130, 143) }
```

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

```
.background{ background-color: rgb(141,  
130, 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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