

Converting Colors

XYZ(23.9157, 23.2895, 28.8466)

Have a look what the booklet for
XYZ(23.9157, 23.2895, 28.8466)
contains.

XYZ(23.9293, 23.2310, 28.8140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.9293, 23.2310,
28.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	8F808E
RGB	143, 128, 142
RGB Percent	56%, 50%, 56%
CMY	0.4392, 0.4980, 0.4431
CMYK	0.00, 0.10, 0.01, 0.44
HSL	304°, 6%, 53%
HSV	304°, 10%, 56%
XYZ	23.9293, 23.2310, 28.8140
YIQ	134.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

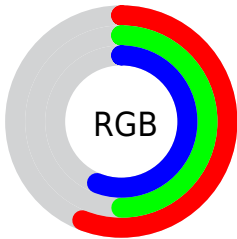
Format	Color
R_{YB}	143, 128, 142
Decimal	9404558
CIE Lab	55.31, 8.35, -5.46
CIE LCh	55, 9.975, 326.838
Yxy	23.2310, 0.3150, 0.3058
Android (android.graphics.Color)	4287594638 (0xFF8F808E)
YUV	134.0810, 3.9041, 7.8220
Hunter-Lab	48.1985, 4.2731, -1.7057

Details

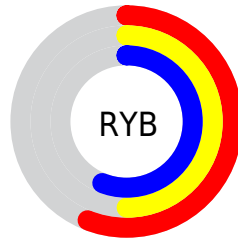
The XYZ color **23.9293, 23.2310, 28.8140** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.6878, 25.8196, 24.5579**, and the grayscale version is **22.6753, 23.8562, 25.9794**.

A 20% lighter version of the original color is **49.5136, 48.9036, 59.0542**, and **9.2420, 8.6918, 11.3158** is the 20% darker color. If you saturate the color by 10%, you get **22.1230, 19.7321, 27.8606**, and if you desaturate by 10%, it is **26.0005, 27.2580, 29.8593**.

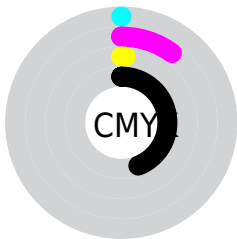
Distribution



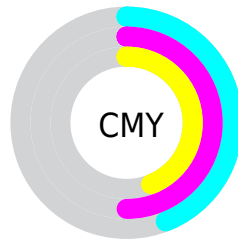
- Red (56%)
- Green (50%)
- Blue (56%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9293, 23.2310, 28.8140 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 23.9293, 23.2310, 28.8140 by changing the saturation by 10% instead.

■ 23.9293, 23.2310,
28.8140

■ 23.9293, 23.2310,
28.8140

264.9100,
268.9092, 310.3698

■ 15.4056, 14.7642,
18.6958

■ 49.3703, 48.7724,
58.8201

■ 9.1927, 8.6540,
11.2761

■ 67.0184, 66.6157,
79.5451

■ 4.9252, 4.5162,
6.1364

■ 88.4386, 88.3533,
104.6427

■ 2.2378, 1.9663,
2.8580

113.9964,
114.3695, 134.5315

■ 0.7625, 0.5878,
1.0226

144.0571,
145.0489, 169.6301

■ 0.0000, 0.0000,
0.0000

178.9860,

180.7757, 210.3570

219.1485,
221.9343, 257.1307

■ 23.9293, 23.2310,
28.8140

■ 23.9293, 23.2310,
28.8140

■ 22.1230, 19.7321,
27.8606

■ 26.0005, 27.2580,
29.8593

■ 20.5685, 16.7363,
26.9938

■ 28.3448, 31.8305,
30.9984

■ 19.2550, 14.2212,
26.2104

■ 30.9726, 36.9692,
32.2350

■ 18.1696, 12.1616,
25.5060

■ 33.8932, 42.6925,
33.5723

■ 17.2987, 10.5300,
24.8761

■ 37.1155, 49.0181,
35.0132

16.6270, 9.2957,
24.3156

40.6479, 55.9629,
36.5605

16.1371, 8.4242,
23.8186

44.4986, 63.5432,
38.2169

15.8088, 7.8749,
23.3786

48.6753, 71.7747,
39.9851

15.5939, 7.5461,
22.9951

52.6396, 79.5804,
41.6856

Harmonies

Analogous

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



23.0652, 23.2310, 31.1954



23.9293, 23.2310, 28.8140



24.2971, 23.2310, 25.6357

Triad

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



23.9293, 23.2310, 28.8140



22.1992, 23.2310, 19.6319



20.2172, 23.2310, 28.1772

Complementary

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



23.9293, 23.2310, 28.8140



22.6878, 25.8196, 24.5579

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.



20.0027, 23.2310, 24.9566



23.9293, 23.2310, 28.8140



21.1240, 23.2310, 20.1892

Square

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



23.9293, 23.2310, 28.8140



23.2773, 23.2310, 20.4828



20.3292, 23.2310, 22.0741



20.9252, 23.2310, 30.8065

Rectangle

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



23.9293, 23.2310, 28.8140



24.2025, 23.2310, 23.5528



20.3292, 23.2310, 22.0741



20.0861, 23.2310, 27.1203

Sweetspot

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



23.9300, 23.2320, 28.8145



45.5611, 46.8649, 52.9751



21.6935, 22.0703, 29.1034



10.3818, 10.6180, 12.1152



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.



23.9300, 23.2320, 28.8145



41.9059, 39.7644, 51.1097



23.4032, 23.0213, 26.0404



5.6110, 5.5049, 6.7153



13.7909, 6.6734, 20.3478



0.1349, 0.0650, 0.2105

Inverse Universe

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



23.9300, 23.2320, 28.8145



41.9059, 39.7644, 51.1097



23.1870, 26.0193, 27.1867



5.6110, 5.5049, 6.7153



13.7909, 6.6734, 20.3478



0.1349, 0.0650, 0.2105

Previews

White Background



This preview shows how the XYZ color 23.9293, 23.2310, 28.8140 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 23.9293, 23.2310, 28.8140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

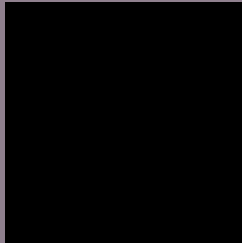
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.9293, 23.2310, 28.8140

Background



This preview shows how black text looks on a background with the XYZ color 23.9293, 23.2310, 28.8140.



This preview shows how white text looks on a background with the XYZ color 23.9293, 23.2310,

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

23.9293, 23.2310, 28.8140

Protanopia

22.6454, 23.3414, 29.6974

Deuteranopia

23.7172, 23.3162, 28.8416



Tritanopia

23.8381, 23.4042, 27.6872

Trichromacy



Original Color

23.9293, 23.2310, 28.8140

Protanomaly

23.0659, 23.3667, 29.2811

Deuteranomaly

23.8881, 23.4043, 28.8496

Tritanomaly

23.9116, 23.4336, 28.0738

Monochromacy



Original Color

23.9293, 23.2310, 28.8140

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.0831, 23.6270, 27.0108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9293, 23.2310, 28.8140 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, 128, 142) looks like.

```
.text, #text, p{  
    color:rgb(143, 128, 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(143, 128, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 128, 142) }
```

Border

The CSS property to change the border of an element to XYZ 23.9293, 23.2310, 28.8140 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, 128, 142) }
```


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

```
.border{ border-color:rgb(143, 128, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 128, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 128, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 128, 142);  
box-shadow:4px 4px 4px 4px rgb(143, 128,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9293, 23.2310, 28.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 128, 142) }
```

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

```
.background{ background-color: rgb(143,  
128, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor