

Converting Colors

XYZ(23.8409, 23.8109, 27.4377)

Have a look what the booklet for
XYZ(23.8409, 23.8109, 27.4377)
contains.

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Color

**XYZ(23.8591, 23.8184,
27.3847)**

Conversions

Conversions Part 1

Format	Color
Hex	8E838A
RGB	142, 131, 138
RGB Percent	56%, 51%, 54%
CMY	0.4431, 0.4863, 0.4588
CMYK	0.00, 0.08, 0.03, 0.44
HSL	322°, 5%, 54%
HSV	322°, 8%, 56%
XYZ	23.8591, 23.8184, 27.3847
YIQ	135.0870, 4.3090, 4.5090

Conversions

Conversions Part 2

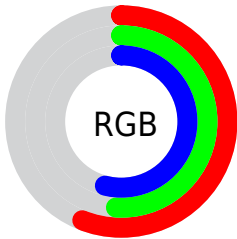
Format	Color
R_{YB}	142, 131, 138
Decimal	9339786
CIE Lab	55.91, 5.47, -2.27
CIE LCh	56, 5.924, 337.475
Yxy	23.8184, 0.3179, 0.3173
Android (android.graphics.Color)	4287529866 (0xFF8E838A)
YUV	135.0870, 1.4361, 6.0627
Hunter-Lab	48.8041, 1.8570, 0.8944

Details

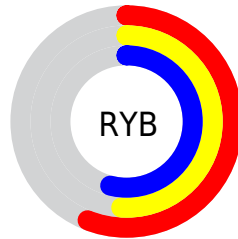
The XYZ color **23.8591, 23.8184, 27.3847** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4072, 25.9212, 26.6925**, and the grayscale version is **23.0557, 24.2564, 26.4152**.

A 20% lighter version of the original color is **49.3094, 49.7783, 56.2995**, and **9.1924, 9.0145, 10.4880** is the 20% darker color. If you saturate the color by 10%, you get **21.7162, 20.1166, 24.8694**, and if you desaturate by 10%, it is **26.2825, 28.0522, 30.0819**.

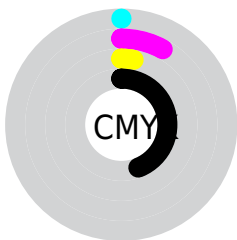
Distribution



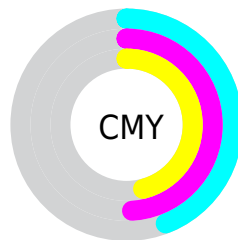
- Red (56%)
- Green (51%)
- Blue (54%)



- Red (56%)
- Yellow (51%)
- Blue (54%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (44%)



- Cyan (44%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8591, 23.8184, 27.3847 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 23.8591, 23.8184, 27.3847 by changing the saturation by 10% instead.

■ 23.8591, 23.8184,
27.3847

■ 23.8591, 23.8184,
27.3847

264.5611,
271.9011, 303.3339

■ 15.3533, 15.1990,
17.6274

■ 49.2565, 49.7337,
56.5118

■ 9.1556, 8.9591,
10.5161

■ 66.8789, 67.7983,
76.7186

■ 4.9008, 4.7145,
5.6324

■ 88.2708, 89.7802,
101.2457

■ 2.2233, 2.0808,
2.5577

113.7976,
116.0636, 130.5116

■ 0.7550, 0.6538,
0.8705

143.8247,
147.0330, 164.9348

■ 0.0000, 0.0000,
0.0000

178.7174,

183.0728, 204.9339

218.8411,
224.5674, 250.9274

■ 23.8591, 23.8184,
27.3847

■ 23.8591, 23.8184,
27.3847

■ 21.7162, 20.1166,
24.8694

■ 26.2825, 28.0522,
30.0819

■ 19.8411, 16.9225,
22.5296

■ 28.9947, 32.8348,
32.9639

■ 18.2228, 14.2144,
20.3607

■ 32.0059, 38.1864,
36.0357

■ 16.8489, 11.9680,
18.3573

■ 35.3254, 44.1250,
39.3015

■ 15.7060, 10.1567,
16.5137

■ 38.9620, 50.6678,
42.7654

■ 14.7793, 8.7513,
14.8236

■ 42.9241, 57.8314,
46.4312

■ 14.0521, 7.7189,
13.2801

■ 47.2199, 65.6317,
50.3027

■ 13.5052, 7.0215,
11.8754

■ 51.8573, 74.0841,
54.3836

■ 13.1010, 6.5847,
10.5957

■ 55.6180, 80.7519,
58.2690

Harmonies

Analogous

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



23.4377, 23.8184, 28.9981



23.8591, 23.8184, 27.3847



23.9504, 23.8184, 25.4535

Triad

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



23.8591, 23.8184, 27.3847



22.4702, 23.8184, 22.4198



21.6240, 23.8184, 28.2626

Complementary

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



23.8591, 23.8184, 27.3847



23.4072, 25.9212, 26.6925

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.



21.3758, 23.8184, 26.4208



23.8591, 23.8184, 27.3847



21.8580, 23.8184, 23.0941

Square

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



23.8591, 23.8184, 27.3847



23.1396, 23.8184, 22.6493



21.4606, 23.8184, 24.5358



22.1450, 23.8184, 29.5222

Rectangle

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



23.8591, 23.8184, 27.3847



23.8101, 23.8184, 24.2565



21.4606, 23.8184, 24.5358



21.5063, 23.8184, 27.6875

Sweetspot

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



23.8598, 23.8194, 27.3852



44.4491, 46.1428, 50.9631



22.9673, 23.3253, 28.8832



9.9408, 10.3289, 11.3972



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.



23.8598, 23.8194, 27.3852



41.4989, 41.0042, 47.6314



23.4820, 23.6683, 25.3957



5.5441, 5.4782, 6.3634



11.6953, 5.8351, 9.3128



0.1224, 0.0600, 0.1449

Inverse Universe

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



23.8598, 23.8194, 27.3852



41.4989, 41.0042, 47.6314



23.7933, 26.0757, 28.7260



5.5441, 5.4782, 6.3634



11.6953, 5.8351, 9.3128



0.1224, 0.0600, 0.1449

Previews

White Background



This preview shows how the XYZ color 23.8591, 23.8184, 27.3847 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 23.8591, 23.8184, 27.3847 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

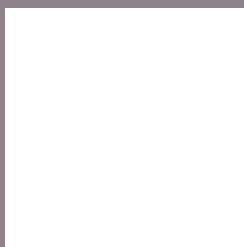
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8591, 23.8184, 27.3847

Background



This preview shows how black text looks on a background with the XYZ color 23.8591, 23.8184, 27.3847.



This preview shows how white text looks on a background with the XYZ color 23.8591, 23.8184,

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

23.8591, 23.8184, 27.3847

Protanopia

23.0394, 23.7900, 27.8037

Deuteranopia

24.2471, 23.8200, 27.3645



Tritanopia

24.0793, 23.9065, 28.5446

Trichromacy



Original Color

23.8591, 23.8184, 27.3847

Protanomaly

23.3927, 23.7699, 27.7812

Deuteranomaly

24.0717, 23.7295, 27.3563

Tritanomaly

24.0053, 23.8768, 28.1544

Monochromacy



Original Color

23.8591, 23.8184, 27.3847

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.4503, 24.2310, 26.7336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8591, 23.8184, 27.3847 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, 131, 138) looks like.

```
.text, #text, p{  
    color:rgb(142, 131, 138)  
}
```

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, 131, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 131, 138) }
```

Border

The CSS property to change the border of an element to XYZ 23.8591, 23.8184, 27.3847 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, 131, 138) }
```


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

```
.border{ border-color:rgb(142, 131, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 131, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 131, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 131, 138);  
box-shadow:4px 4px 4px 4px rgb(142, 131,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8591, 23.8184, 27.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 131, 138) }
```

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

```
.background{ background-color: rgb(142,  
131, 138) }
```

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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