

Converting Colors

XYZ(23.8052, 27.1388, 29.9188)

Have a look what the booklet for
XYZ(23.8052, 27.1388, 29.9188)
contains.

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Color

**XYZ(23.8491, 27.2106,
29.9818)**

Conversions

Conversions Part 1

Format	Color
Hex	7D938F
RGB	125, 147, 143
RGB Percent	49%, 58%, 56%
CMY	0.5098, 0.4235, 0.4392
CMYK	0.15, 0.00, 0.03, 0.42
HSL	169°, 9%, 53%
HSV	169°, 15%, 58%
XYZ	23.8491, 27.2106, 29.9818
YIQ	139.9660, -11.8280, -5.9080

Conversions

Conversions Part 2

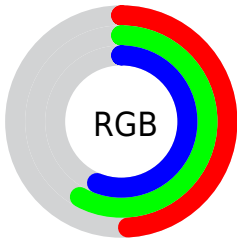
Format	Color
RYB	125, 137, 147
Decimal	8229775
CIELab	59.17, -8.64, -0.51
CIELCh	59, 8.653, 183.407
Yxy	27.2106, 0.2943, 0.3358
Android (android.graphics.Color)	4286419855 (0xFF7D938F)
YUV	139.9660, 1.4958, -13.1252
Hunter-Lab	52.1638, -9.6770, 2.4370

Details

The XYZ color **23.8491, 27.2106, 29.9818** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.3297, 22.4560, 23.8749**, and the grayscale version is **24.9123, 26.2097, 28.5424**.

A 20% lighter version of the original color is **49.3248, 55.2695, 60.8917**, and **9.1391, 10.6926, 11.9381** is the 20% darker color. If you saturate the color by 10%, you get **21.6599, 26.1059, 28.8349**, and if you desaturate by 10%, it is **26.3623, 28.4832, 31.1702**.

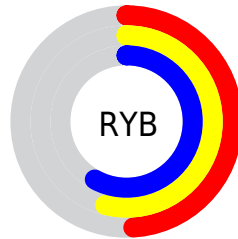
Distribution



Red (49%)

Green (58%)

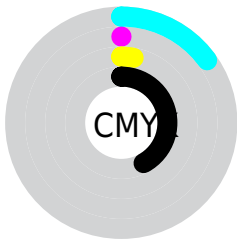
Blue (56%)



Red (49%)

Yellow (54%)

Blue (58%)

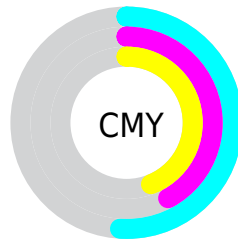


Cyan (15%)

Magenta (0%)

Yellow (3%)

Black (42%)



Cyan (51%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8491, 27.2106, 29.9818 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 23.8491, 27.2106, 29.9818 by changing the saturation by 10% instead.

■ 23.8491, 27.2106,
29.9818

■ 23.8491, 27.2106,
29.9818

264.5113,
288.6754, 316.0243

■ 15.3459, 17.7315,
19.5728

■ 49.2403, 55.2216,
60.6941

■ 9.1504, 10.7574,
11.9039

■ 66.8590, 74.5223,
81.8344

■ 4.8973, 5.9039,
6.5566

■ 88.2468, 97.8656,
107.3890

■ 2.2213, 2.7867,
3.1121

113.7692,
125.6359, 137.7764

■ 0.7539, 1.0214,
1.1522

143.7915,
158.2177, 173.4151

■ 0.0000, 0.0000,
0.0000

178.6791,

195.9952, 214.7236

218.7972,
239.3530, 262.1205

■ 23.8491, 27.2106,
29.9818

■ 23.8491, 27.2106,
29.9818

■ 21.6599, 26.1059,
28.8349

■ 26.3623, 28.4832,
31.1702

■ 19.7785, 25.1586,
27.7269

■ 29.2103, 29.9272,
32.3991

■ 18.1907, 24.3621,
26.6575

■ 32.4062, 31.5499,
33.6698

■ 16.8803, 23.7080,
25.6258

■ 35.9617, 33.3575,
34.9830

■ 15.8293, 23.1871,
24.6308

■ 39.8880, 35.3556,
36.3395

■ 15.0180, 22.7893,
23.6712

■ 44.1957, 37.5498,
37.7399

■ 14.4233, 22.5026,
22.7460

■ 48.8952, 39.9453,
39.1848

■ 14.0155, 22.3117,
21.8535

■ 53.9962, 42.5473,
40.6749

■ 13.8404, 22.2309,
21.4147

■ 58.6555, 44.9210,
42.1709

Harmonies

Analogous

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



24.0539, 27.2106, 27.0499



23.8491, 27.2106, 29.9818



24.1714, 27.2106, 33.0166

Triad

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



23.8491, 27.2106, 29.9818



27.0206, 27.2106, 34.8627



26.8015, 27.2106, 24.6317

Complementary

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



23.8491, 27.2106, 29.9818



23.3297, 22.4560, 23.8749

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.



27.6314, 27.2106, 26.4790



23.8491, 27.2106, 29.9818



27.7603, 27.2106, 32.3644

Square

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



23.8491, 27.2106, 29.9818



25.9862, 27.2106, 35.9551



27.9869, 27.2106, 29.2764



25.7399, 27.2106, 24.0900

Rectangle

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



23.8491, 27.2106, 29.9818



24.6472, 27.2106, 34.6523



27.9869, 27.2106, 29.2764



27.1178, 27.2106, 25.1140

Sweetspot

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



23.8499, 27.2117, 29.9824



47.6356, 51.2233, 56.0105



23.1946, 27.0190, 23.3952



10.7968, 11.6539, 12.7512



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.8499, 27.2117, 29.9824



41.3116, 48.0235, 52.9844



23.1077, 25.2334, 31.2578



5.9193, 6.5443, 7.1861



12.0066, 19.2754, 18.6080



0.1564, 0.2397, 0.2776

Inverse Universe

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



23.3297, 22.4560, 23.8749



40.1948, 37.8110, 39.8710



23.9820, 24.1781, 22.8053



5.8413, 5.8316, 6.2706



10.6076, 5.4481, 1.4149



0.1378, 0.0699, 0.0595

Previews

White Background



This preview shows how the XYZ color 23.8491, 27.2106, 29.9818 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 23.8491, 27.2106, 29.9818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

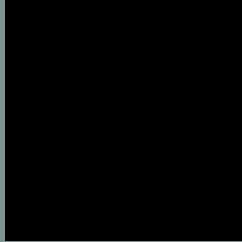
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

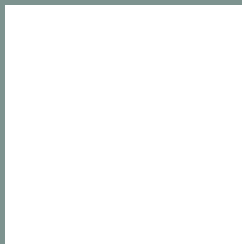
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8491, 27.2106, 29.9818

Background



This preview shows how black text looks on a background with the XYZ color 23.8491, 27.2106, 29.9818.



This preview shows how white text looks on a background with the XYZ color 23.8491, 27.2106,

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

23.8491, 27.2106, 29.9818

Protanopia

25.9356, 26.9629, 28.6484

Deuteranopia

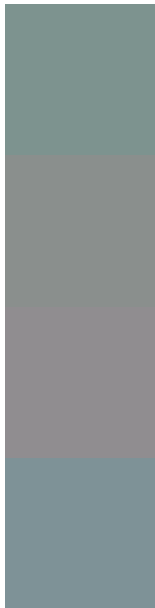
27.7169, 27.1899, 30.5754



Tritanopia

24.8785, 27.1631, 35.3843

Trichromacy



Original Color

23.8491, 27.2106, 29.9818

Protanomaly

25.1114, 26.9713, 29.0818

Deuteranomaly

26.0605, 26.9927, 30.2221

Tritanomaly

24.4690, 27.2278, 33.2440

Monochromacy



Original Color

23.8491, 27.2106, 29.9818

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6219, 26.7189, 29.0589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8491, 27.2106, 29.9818 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(125, 147, 143)` looks like.

```
.text, #text, p{  
    color:rgb(125, 147, 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(125, 147, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 147, 143) }
```

Border

The CSS property to change the border of an element to XYZ 23.8491, 27.2106, 29.9818 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(125, 147, 143) }
```


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

```
.border{ border-color:rgb(125, 147, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 147, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 147, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 147, 143);  
box-shadow:4px 4px 4px 4px rgb(125, 147,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8491, 27.2106, 29.9818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 147, 143) }
```

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

```
.background{ background-color: rgb(125,  
147, 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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