

Converting Colors

XYZ(23.9644, 26.5971, 28.6440)

Have a look what the booklet for
XYZ(23.9644, 26.5971, 28.6440)
contains.

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Color

**XYZ(23.9128, 26.5858,
28.6822)**

Conversions

Conversions Part 1

Format	Color
Hex	82908C
RGB	130, 144, 140
RGB Percent	51%, 56%, 55%
CMY	0.4902, 0.4353, 0.4510
CMYK	0.10, 0.00, 0.03, 0.44
HSL	163°, 6%, 54%
HSV	163°, 10%, 56%
XYZ	23.9128, 26.5858, 28.6822
YIQ	139.3580, -7.0600, -4.2120

Conversions

Conversions Part 2

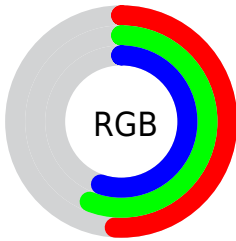
Format	Color
RYB	130, 138, 144
Decimal	8556684
CIELab	58.59, -5.86, 0.39
CIELCh	59, 5.871, 176.153
Yxy	26.5858, 0.3020, 0.3358
Android (android.graphics.Color)	4286746764 (0xFF82908C)
YUV	139.3580, 0.3165, -8.2070
Hunter-Lab	51.5614, -7.4490, 3.1116

Details

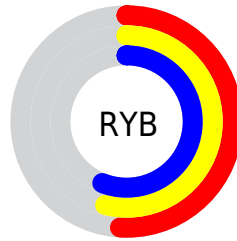
The XYZ color **23.9128, 26.5858, 28.6822** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7883, 23.6165, 25.8601**, and the grayscale version is **24.6800, 25.9653, 28.2762**.

A 20% lighter version of the original color is **49.3482, 54.3057, 58.3332**, and **9.2415, 10.4929, 11.2111** is the 20% darker color. If you saturate the color by 10%, you get **21.5590, 25.4075, 27.0176**, and if you desaturate by 10%, it is **26.5886, 27.9302, 30.4222**.

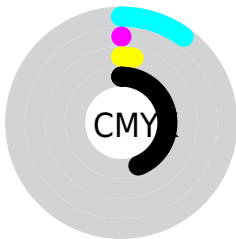
Distribution



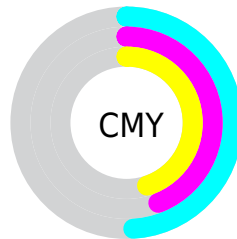
- Red (51%)
- Green (56%)
- Blue (55%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (44%)



- Cyan (49%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9128, 26.5858, 28.6822 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 23.9128, 26.5858, 28.6822 by changing the saturation by 10% instead.

■ 23.9128, 26.5858,
28.6822

■ 23.9128, 26.5858,
28.6822

264.8280,
285.6460, 309.7264

■ 15.3933, 17.2624,
18.5970

■ 49.3436, 54.2185,
58.6079

■ 9.1840, 10.4217,
11.2056

■ 66.9856, 73.2966,
79.2856

■ 4.9195, 5.6795,
6.0894

■ 88.3992, 96.3950,
104.3311

■ 2.2344, 2.6512,
2.8298

113.9497,
123.8981, 134.1631

■ 0.7608, 0.9525,
1.0084

144.0025,
156.1904, 169.2001

■ 0.0000, 0.0000,
0.0000

178.9229,

193.6562, 209.8606

219.0763,
236.6800, 256.5632

■ 23.9128, 26.5858,
28.6822

■ 23.9128, 26.5858,
28.6822

■ 21.5590, 25.4075,
27.0176

■ 26.5886, 27.9302,
30.4222

■ 19.5121, 24.3854,
25.4255

■ 29.5963, 29.4437,
32.2371

■ 17.7591, 23.5135,
23.9052

■ 32.9482, 31.1333,
34.1287

■ 16.2850, 22.7842,
22.4552

■ 36.6552, 33.0046,
36.0979

■ 15.0738, 22.1891,
21.0741

■ 40.7278, 35.0629,
38.1461

■ 14.1074, 21.7190,
19.7605

■ 45.1759, 37.3135,
40.2741

■ 13.3658, 21.3635,
18.5127

■ 50.0092, 39.7613,
42.4831

■ 12.8252, 21.1105,
17.3289

■ 55.2370, 42.4111,
44.7740

■ 12.4248, 20.9285,
16.2055

■ 59.1541, 44.3837,
47.0676

Harmonies

Analogous

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



24.1366, 26.5858, 26.7948



23.9128, 26.5858, 28.6822



24.0466, 26.5858, 30.7303

Triad

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



23.9128, 26.5858, 28.6822



25.8841, 26.5858, 32.6540



26.0479, 26.5858, 25.7780

Complementary

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



23.9128, 26.5858, 28.6822



23.7883, 23.6165, 25.8601

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.



26.5321, 26.5858, 27.2349



23.9128, 26.5858, 28.6822



26.4363, 26.5858, 31.2123

Square

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



23.9128, 26.5858, 28.6822



25.1762, 26.5858, 33.0860



26.6755, 26.5858, 29.2143



25.3620, 26.5858, 25.1692

Rectangle

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



23.9128, 26.5858, 28.6822



24.3221, 26.5858, 31.9018



26.6755, 26.5858, 29.2143



26.2402, 26.5858, 26.1813

Sweetspot

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



23.9136, 26.5869, 28.6828



45.2548, 48.4363, 52.6163



23.8668, 26.6442, 25.0044



10.2944, 11.0656, 12.0123



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.



23.9136, 26.5869, 28.6828



41.0759, 46.3393, 49.8342



23.7952, 25.8693, 30.1260



5.4954, 6.0904, 6.5748



10.8203, 18.2240, 14.1397



0.1130, 0.1780, 0.1853

Inverse Universe

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



23.7883, 23.6165, 25.8601



40.8023, 39.8513, 43.6694



23.8919, 24.2621, 24.5433



5.4683, 5.4479, 5.9642



10.3759, 5.3074, 2.3650



0.1077, 0.0542, 0.0676

Previews

White Background



This preview shows how the XYZ color 23.9128, 26.5858, 28.6822 looks on a white background.

Color Contrast Check

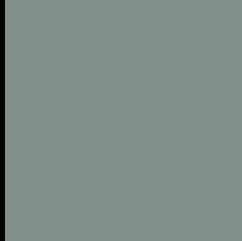
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9128, 26.5858, 28.6822 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

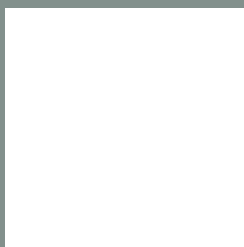
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9128, 26.5858, 28.6822

Background



This preview shows how black text looks on a background with the XYZ color 23.9128, 26.5858, 28.6822.



This preview shows how white text looks on a background with the XYZ color 23.9128, 26.5858,

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

23.9128, 26.5858, 28.6822

Protanopia

25.4671, 26.5204, 27.8215

Deuteranopia

27.0131, 26.4313, 29.2692



Tritanopia

24.9385, 26.5514, 33.9475

Trichromacy



Original Color

23.9128, 26.5858, 28.6822

Protanomaly

24.8325, 26.4028, 28.2135

Deuteranomaly

25.7174, 26.4081, 28.9411

Tritanomaly

24.5278, 26.6083, 31.8601

Monochromacy



Original Color

23.9128, 26.5858, 28.6822

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.3384, 26.1481, 28.1904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9128, 26.5858, 28.6822 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(130, 144, 140)` looks like.

```
.text, #text, p{  
    color:rgb(130, 144, 140)  
}
```

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(130, 144, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 144, 140) }
```

Border

The CSS property to change the border of an element to XYZ 23.9128, 26.5858, 28.6822 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(130, 144, 140) }
```


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

```
.border{ border-color:rgb(130, 144, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 144, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 144, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 144, 140);  
box-shadow:4px 4px 4px 4px rgb(130, 144,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9128, 26.5858, 28.6822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 144, 140) }
```

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

```
.background{ background-color: rgb(130,  
144, 140) }
```

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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