

Converting Colors

XYZ(23.9393, 26.4090, 27.1283)

Have a look what the booklet for
XYZ(23.9393, 26.4090, 27.1283)
contains.

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Color

**XYZ(23.9393, 26.4090,
27.1283)**

Conversions

Conversions Part 1

Format	Color
Hex	858F88
RGB	133, 143, 136
RGB Percent	52%, 56%, 53%
CMY	0.4784, 0.4392, 0.4667
CMYK	0.07, 0.00, 0.05, 0.44
HSL	138°, 4%, 54%
HSV	138°, 7%, 56%
XYZ	23.9393, 26.4090, 27.1283
YIQ	139.2120, -3.7130, -4.2970

Conversions

Conversions Part 2

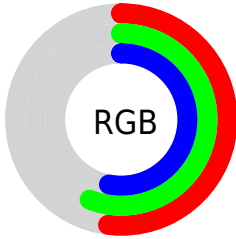
Format	Color
R_{YB}	133, 141, 143
Decimal	8753032
CIE Lab	58.42, -5.03, 2.47
CIE LCh	58, 5.600, 153.864
Yxy	26.4090, 0.3090, 0.3409
Android (android.graphics.Color)	4286943112 (0xFF858F88)
YUV	139.2120, -1.5835, -5.4479
Hunter-Lab	51.3897, -6.7798, 4.6740

Details

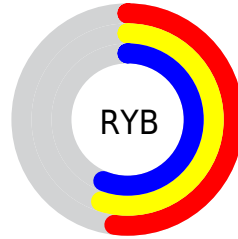
The XYZ color **23.9393, 26.4090, 27.1283** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4498, 24.5089, 28.2543**, and the grayscale version is **24.6298, 25.9125, 28.2187**.

A 20% lighter version of the original color is **49.4013, 54.0457, 55.9723**, and **9.1613, 10.3396, 10.3170** is the 20% darker color. If you saturate the color by 10%, you get **21.1550, 25.0528, 23.4559**, and if you desaturate by 10%, it is **27.0990, 27.9525, 31.1663**.

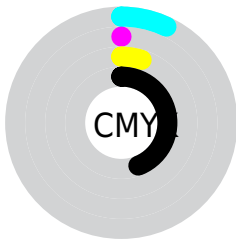
Distribution



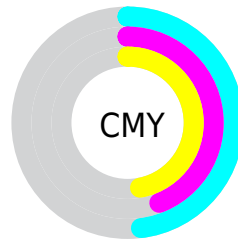
- Red (52%)
- Green (56%)
- Blue (53%)



- Red (52%)
- Yellow (55%)
- Blue (56%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (44%)



- Cyan (48%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9393, 26.4090, 27.1283 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 23.9393, 26.4090, 27.1283 by changing the saturation by 10% instead.

■ 23.9393, 26.4090,
27.1283

■ 23.9393, 26.4090,
27.1283

264.9596,
284.7841, 302.0576

■ 15.4131, 17.1299,
17.4363

■ 49.3865, 53.9340,
56.0959

■ 9.1980, 10.3271,
10.3808

■ 67.0383, 72.9487,
76.2086

■ 4.9287, 5.6164,
5.5433

■ 88.4625, 95.9774,
100.6320

■ 2.2398, 2.6133,
2.5052

114.0247,
123.4044, 129.7846

■ 0.7636, 0.9333,
0.8429

144.0902,
155.6142, 164.0849

■ 0.0000, 0.0000,
0.0000

179.0242,

192.9911, 203.9514

219.1923,
235.9196, 249.8028

■ 23.9393, 26.4090,
27.1283

■ 23.9393, 26.4090,
27.1283

■ 21.1550, 25.0528,
23.4559

■ 27.0990, 27.9525,
31.1663

■ 18.7296, 23.8734,
20.1373

■ 30.6453, 29.6867,
35.5780

■ 16.6490, 22.8645,
17.1625

■ 34.5915, 31.6190,
40.3732

■ 14.8969, 22.0179,
14.5204

■ 38.9499, 33.7556,
45.5610

■ 13.4558, 21.3249,
12.1993

■ 43.7319, 36.1020,
51.1500

■ 12.3066, 20.7758,
10.1868

■ 48.9489, 38.6641,
57.1488

■ 11.4280, 20.3600,
8.4698

■ 54.6114, 41.4471,
63.5655

■ 10.7954, 20.0650,
7.0339

■ 60.7298, 44.4561,
70.4080

■ 10.3679, 19.8701,
5.8632

■ 64.8045, 46.4025,
77.5666

Harmonies

Analogous

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



24.3756, 26.4090, 25.7409



23.9393, 26.4090, 27.1283



23.8122, 26.4090, 29.0093

Triad

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



23.9393, 26.4090, 27.1283



25.1896, 26.4090, 32.6768



26.2083, 26.4090, 26.7078

Complementary

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



23.9393, 26.4090, 27.1283



24.4498, 24.5089, 28.2543

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.



26.4354, 26.4090, 28.5020



23.9393, 26.4090, 27.1283



25.8406, 26.4090, 31.9955

Square

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



23.9393, 26.4090, 27.1283



24.5264, 26.4090, 32.2686



26.2996, 26.4090, 30.4453



25.6845, 26.4090, 25.5060

Rectangle

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



23.9393, 26.4090, 27.1283



23.9180, 26.4090, 30.3050



26.2996, 26.4090, 30.4453



26.3223, 26.4090, 27.2586

Sweetspot

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



23.9400, 26.4101, 27.1289



45.5869, 48.6198, 52.0788



24.9004, 26.9295, 26.0763



10.4710, 11.1579, 11.9645



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.



23.9400, 26.4101, 27.1289



42.2506, 46.9917, 47.7750



24.2915, 26.5507, 28.9799



5.4053, 6.0544, 6.1002



9.0771, 17.5267, 4.9601



0.0956, 0.1711, 0.0939

Inverse Universe

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



24.4498, 24.5089, 28.2543



43.3087, 43.0456, 50.1107



24.1010, 24.3694, 26.4174



5.5583, 5.4838, 6.4379



12.0639, 5.9826, 11.2539



0.1251, 0.0611, 0.1590

Previews

White Background



This preview shows how the XYZ color 23.9393, 26.4090, 27.1283 looks on a white background.

Color Contrast Check

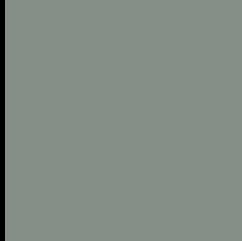
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9393, 26.4090, 27.1283 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

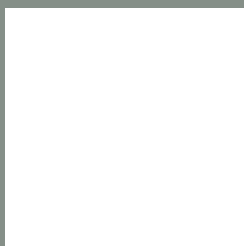
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9393, 26.4090, 27.1283

Background



This preview shows how black text looks on a background with the XYZ color 23.9393, 26.4090, 27.1283.



This preview shows how white text looks on a background with the XYZ color 23.9393, 26.4090,

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

23.9393, 26.4090, 27.1283

Protanopia

25.1828, 26.4067, 26.3240

Deuteranopia

26.8371, 26.3830, 27.3449



Tritanopia

25.3457, 26.5510, 33.4948

Trichromacy



Original Color

23.9393, 26.4090, 27.1283

Protanomaly

24.7133, 26.3745, 26.7099

Deuteranomaly

25.7806, 26.4744, 27.4182

Tritanomaly

24.8530, 26.5722, 31.0132

Monochromacy



Original Color

23.9393, 26.4090, 27.1283

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2821, 25.9095, 27.7660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9393, 26.4090, 27.1283 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(133, 143, 136)` looks like.

```
.text, #text, p{  
    color:rgb(133, 143, 136)  
}
```

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(133, 143, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 143, 136) }
```

Border

The CSS property to change the border of an element to XYZ 23.9393, 26.4090, 27.1283 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(133, 143, 136) }
```


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

```
.border{ border-color:rgb(133, 143, 136) }
```

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

Here you see how a box with a 4 pixel rgb(133, 143, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 143, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 143, 136);  
box-shadow:4px 4px 4px 4px rgb(133, 143,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9393, 26.4090, 27.1283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 143, 136) }
```

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

```
.background{ background-color: rgb(133,  
143, 136) }
```

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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