

Converting Colors

XYZ(24.3586, 26.4549, 29.7632)

Have a look what the booklet for
XYZ(24.3586, 26.4549, 29.7632)
contains.

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Color

**XYZ(24.3038, 26.3157,
29.7851)**

Conversions

Conversions Part 1

Format	Color
Hex	858E8F
RGB	133, 142, 143
RGB Percent	52%, 56%, 56%
CMY	0.4784, 0.4431, 0.4392
CMYK	0.07, 0.01, 0.00, 0.44
HSL	186°, 4%, 54%
HSV	186°, 7%, 56%
XYZ	24.3038, 26.3157, 29.7851
YIQ	139.4230, -5.6850, -1.5970

Conversions

Conversions Part 2

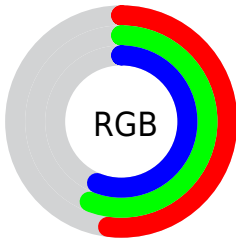
Format	Color
R_{YB}	133, 138, 143
Decimal	8752783
CIE Lab	58.34, -3.05, -1.67
CIE LCh	58, 3.479, 208.607
Yxy	26.3157, 0.3023, 0.3273
Android (android.graphics.Color)	4286942863 (0xFF858E8F)
YUV	139.4230, 1.7635, -5.6330
Hunter-Lab	51.2988, -5.2052, 1.4843

Details

The XYZ color **24.3038, 26.3157, 29.7851** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0866, 24.5832, 25.6663**, and the grayscale version is **24.6993, 25.9856, 28.2983**.

A 20% lighter version of the original color is **50.0677, 53.9502, 60.5979**, and **9.3702, 10.2836, 11.8470** is the 20% darker color. If you saturate the color by 10%, you get **21.9873, 24.8091, 29.6168**, and if you desaturate by 10%, it is **26.9319, 27.9885, 29.9699**.

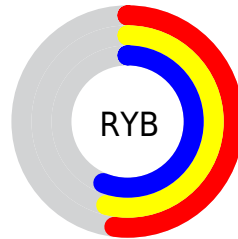
Distribution



Red (52%)

Green (56%)

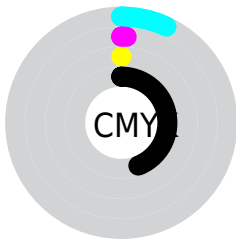
Blue (56%)



Red (52%)

Yellow (54%)

Blue (56%)

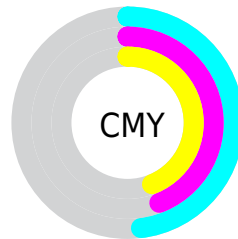


Cyan (7%)

Magenta (1%)

Yellow (0%)

Black (44%)



Cyan (48%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3038, 26.3157, 29.7851 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 24.3038, 26.3157, 29.7851 by changing the saturation by 10% instead.

■ 24.3038, 26.3157,
29.7851

■ 24.3038, 26.3157,
29.7851

266.7649,
284.3284, 315.0775

■ 15.6851, 17.0600,
19.4249

■ 49.9766, 53.7838,
60.3791

■ 9.3910, 10.2773,
11.7978

■ 67.7614, 72.7650,
81.4500

■ 5.0562, 5.5832,
6.4853

■ 89.3322, 95.7567,
106.9282

■ 2.3154, 2.5933,
3.0688

115.0545,
123.1435, 137.2322

■ 0.8025, 0.9233,
1.1299

145.2935,
155.3097, 172.7806

■ 0.0000, 0.0000,
0.0000

180.4147,

192.6396, 213.9920

220.7834,
235.5177, 261.2848

■ 24.3038, 26.3157,
29.7851

■ 24.3038, 26.3157,
29.7851

■ 21.9873, 24.8091,
29.6168

■ 26.9319, 27.9885,
29.9699

■ 19.9679, 23.4588,
29.4626

■ 29.8810, 29.8301,
30.1699

■ 18.2330, 22.2593,
29.3225

■ 33.1630, 31.8473,
30.3863

■ 16.7685, 21.2032,
29.1959

■ 36.7882, 34.0456,
30.6195

■ 15.5591, 20.2826,
29.0819

■ 40.7669, 36.4301,
30.8701

■ 14.5877, 19.4886,
28.9798

■ 45.1086, 39.0060,
31.1384

■ 13.8353, 18.8114,
28.8888

■ 49.8225, 41.7778,
31.4250

■ 13.2799, 18.2397,
28.8077

■ 54.9176, 44.7503,
31.7302

■ 12.8833, 17.7539,
28.7348

■ 57.8937, 46.6345,
31.9370

Harmonies

Analogous

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



24.2066, 26.3157, 28.5966



24.3038, 26.3157, 29.7851



24.5903, 26.3157, 30.6916

Triad

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



24.3038, 26.3157, 29.7851



25.7142, 26.3157, 29.8861



25.0321, 26.3157, 26.3834

Complementary

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



24.3038, 26.3157, 29.7851



24.0866, 24.5832, 25.6663

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.



25.4391, 26.3157, 26.7073



24.3038, 26.3157, 29.7851



25.8357, 26.3157, 28.7101

Square

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



24.3038, 26.3157, 29.7851



25.4044, 26.3157, 30.7510



25.7344, 26.3157, 27.5506



24.6242, 26.3157, 26.6532

Rectangle

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



24.3038, 26.3157, 29.7851



24.8517, 26.3157, 31.0021



25.7344, 26.3157, 27.5506



25.1736, 26.3157, 26.4263

Sweetspot

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



24.3046, 26.3168, 29.7857



45.7836, 48.5733, 53.5005



23.7872, 26.3485, 26.3259



10.5133, 11.1479, 12.2699



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.



24.3046, 26.3168, 29.7857



43.0085, 46.7960, 53.3038



23.6006, 24.9089, 29.5510



5.5149, 6.0256, 6.9012



11.3021, 15.5902, 25.3906



0.1167, 0.1663, 0.2456

Inverse Universe

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



24.5983, 24.5682, 29.0381



43.6194, 43.1699, 51.7468



24.7703, 25.9506, 25.8942



5.6034, 5.5019, 6.6754



13.5079, 6.5602, 18.8577



0.1335, 0.0645, 0.2032

Previews

White Background



This preview shows how the XYZ color 24.3038, 26.3157, 29.7851 looks on a white background.

Color Contrast Check

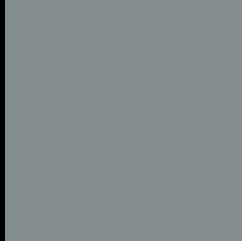
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3038, 26.3157, 29.7851 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

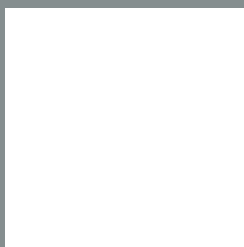
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3038, 26.3157, 29.7851

Background



This preview shows how black text looks on a background with the XYZ color 24.3038, 26.3157, 29.7851.



This preview shows how white text looks on a background with the XYZ color 24.3038, 26.3157,

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

24.3038, 26.3157, 29.7851

Protanopia

25.1957, 26.1391, 28.9167

Deuteranopia

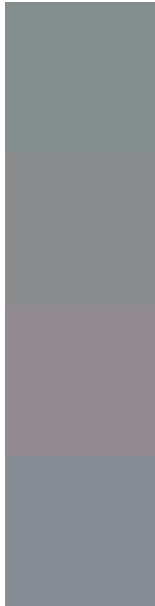
26.7871, 26.2973, 30.0496



Tritanopia

25.0239, 26.3851, 33.4797

Trichromacy



Original Color

24.3038, 26.3157, 29.7851

Protanomaly

24.9080, 26.1981, 29.3351

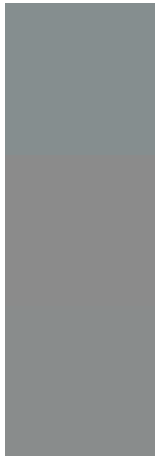
Deuteranomaly

25.7996, 26.2103, 30.0849

Tritanomaly

24.7812, 26.2880, 32.2018

Monochromacy



Original Color

24.3038, 26.3157, 29.7851

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4282, 25.9680, 28.5358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3038, 26.3157, 29.7851 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, 142, 143) looks like.

```
.text, #text, p{  
    color:rgb(133, 142, 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(133, 142, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 142, 143) }
```

Border

The CSS property to change the border of an element to XYZ 24.3038, 26.3157, 29.7851 is called "border". The border property can be set on classes, ids or directly on the HTML element.

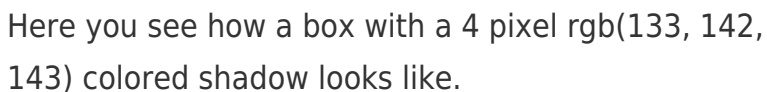
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 142, 143) }
```


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

```
.border{ border-color:rgb(133, 142, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(133, 142, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 142, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 142, 143);  
box-shadow:4px 4px 4px 4px rgb(133, 142,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3038, 26.3157, 29.7851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 142, 143) }
```

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

```
.background{ background-color: rgb(133,  
142, 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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