

Converting Colors

XYZ(23.5553, 26.7480, 27.8958)

Have a look what the booklet for
XYZ(23.5553, 26.7480, 27.8958)
contains.

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Color

**XYZ(23.4652, 26.5978,
27.9419)**

Conversions

Conversions Part 1

Format	Color
Hex	7F918A
RGB	127, 145, 138
RGB Percent	50%, 57%, 54%
CMY	0.5020, 0.4314, 0.4588
CMYK	0.12, 0.00, 0.05, 0.43
HSL	157°, 8%, 53%
HSV	157°, 12%, 57%
XYZ	23.4652, 26.5978, 27.9419
YIQ	138.8200, -8.4810, -5.9930

Conversions

Conversions Part 2

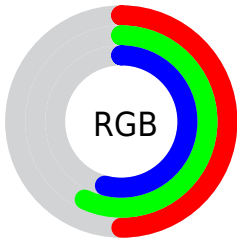
Format	Color
R_{YB}	127, 138, 145
Decimal	8360330
CIE _{Lab}	58.60, -7.89, 1.53
CIE _{LCh}	59, 8.034, 169.051
Yxy	26.5978, 0.3008, 0.3410
Android (android.graphics.Color)	4286550410 (0xFF7F918A)
YUV	138.8200, -0.4043, -10.3661
Hunter-Lab	51.5731, -9.0372, 3.9783

Details

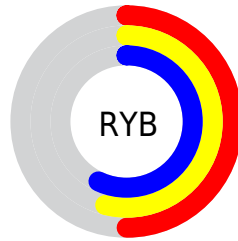
The XYZ color **23.4652, 26.5978, 27.9419** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5704, 22.9203, 25.7371**, and the grayscale version is **24.4758, 25.7504, 28.0422**.

A 20% lighter version of the original color is **48.6498, 54.3117, 57.2093**, and **8.9955, 10.5087, 10.7868** is the 20% darker color. If you saturate the color by 10%, you get **21.0615, 25.4053, 25.7532**, and if you desaturate by 10%, it is **26.2025, 27.9612, 30.2580**.

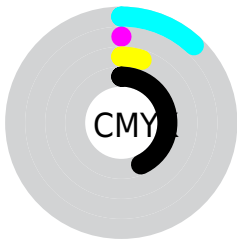
Distribution



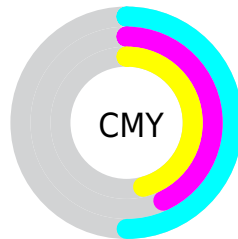
- Red (50%)
- Green (57%)
- Blue (54%)



- Red (50%)
- Yellow (54%)
- Blue (57%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (43%)



- Cyan (50%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4652, 26.5978, 27.9419 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 23.4652, 26.5978, 27.9419 by changing the saturation by 10% instead.

■ 23.4652, 26.5978,
27.9419

■ 23.4652, 26.5978,
27.9419

262.5964,
285.7044, 306.0924

■ 15.0600, 17.2714,
18.0432

■ 48.6171, 54.2378,
57.4137

■ 8.9481, 10.4282,
10.8112

■ 66.0945, 73.3202,
77.8238

■ 4.7642, 5.6838,
5.8275

■ 87.3267, 96.4233,
102.5748

■ 2.1429, 2.6538,
2.6734

112.6790,
123.9316, 132.0853

■ 0.7124, 0.9538,
0.9300

142.5167,
156.2295, 166.7738

■ 0.0000, 0.0000,
0.0000

177.2053,

193.7013, 207.0587

217.1101,
236.7315, 253.3588

■ 23.4652, 26.5978,
27.9419

■ 23.4652, 26.5978,
27.9419

■ 21.0615, 25.4053,
25.7532

■ 26.2025, 27.9612,
30.2580

■ 18.9755, 24.3735,
23.6879

■ 29.2838, 29.4988,
32.7020

■ 17.1936, 23.4961,
21.7442

■ 32.7219, 31.2178,
35.2767

■ 15.7001, 22.7650,
19.9196

■ 36.5284, 33.1241,
37.9840

■ 14.4778, 22.1714,
18.2115

■ 40.7141, 35.2234,
40.8262

■ 13.5078, 21.7057,
16.6173

■ 45.2894, 37.5209,
43.8051

■ 12.7685, 21.3566,
15.1339

■ 50.2646, 40.0218,
46.9227

■ 12.2344, 21.1112,
13.7583

■ 55.6491, 42.7311,
50.1809

■ 11.9125, 20.9664,
12.7831

■ 60.5253, 45.1756,
53.5382

Harmonies

Analogous

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



23.8760, 26.5978, 25.5473



23.4652, 26.5978, 27.9419



23.5312, 26.5978, 30.7683

Triad

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



23.4652, 26.5978, 27.9419



25.9040, 26.5978, 34.3991



26.5428, 26.5978, 25.0518

Complementary

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



23.4652, 26.5978, 27.9419



23.5704, 22.9203, 25.7371

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.



27.1142, 26.5978, 27.2249



23.4652, 26.5978, 27.9419



26.7389, 26.5978, 32.6649

Square

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



23.4652, 26.5978, 27.9419



24.9222, 26.5978, 34.6222



27.1869, 26.5978, 30.0035



25.6420, 26.5978, 23.9523

Rectangle

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



23.4652, 26.5978, 27.9419



23.8372, 26.5978, 32.5159



27.1869, 26.5978, 30.0035



26.7808, 26.5978, 25.6741

Sweetspot

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



23.4659, 26.5989, 27.9425



46.0627, 49.6435, 53.4774



23.8204, 26.8691, 24.0097



10.1691, 11.0048, 11.8318



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.



23.4659, 26.5989, 27.9425



40.7143, 46.9825, 48.8794



23.7166, 26.2625, 30.6086



5.4726, 6.0813, 6.4544



10.2302, 17.9879, 11.0321



0.1086, 0.1763, 0.1625

Inverse Universe

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



23.5704, 22.9203, 25.7371



40.9406, 39.0150, 44.1034



23.3325, 23.2005, 23.3273



5.4903, 5.4566, 6.0799



10.6485, 5.4164, 3.8005



0.1121, 0.0559, 0.0903

Previews

White Background



This preview shows how the XYZ color 23.4652, 26.5978, 27.9419 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 23.4652, 26.5978, 27.9419 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

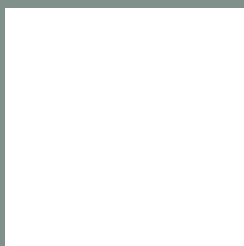
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4652, 26.5978, 27.9419

Background



This preview shows how black text looks on a background with the XYZ color 23.4652, 26.5978, 27.9419.



This preview shows how white text looks on a background with the XYZ color 23.4652, 26.5978,

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

23.4652, 26.5978, 27.9419

Protanopia

25.2529, 26.4347, 26.6931

Deuteranopia

27.0554, 26.4703, 28.4943



Tritanopia

24.8611, 26.7238, 34.4197

Trichromacy



Original Color

23.4652, 26.5978, 27.9419

Protanomaly

24.5982, 26.5268, 27.1163

Deuteranomaly

25.5699, 26.3491, 28.1643

Tritanomaly

24.3718, 26.7518, 31.8960

Monochromacy



Original Color

23.4652, 26.5978, 27.9419

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1768, 26.0647, 28.1828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4652, 26.5978, 27.9419 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(127, 145, 138)` looks like.

```
.text, #text, p{  
    color:rgb(127, 145, 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(127, 145, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 145, 138) }
```

Border

The CSS property to change the border of an element to XYZ 23.4652, 26.5978, 27.9419 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(127, 145, 138) }
```


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

```
.border{ border-color:rgb(127, 145, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 145, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 145, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 145, 138);  
box-shadow:4px 4px 4px 4px rgb(127, 145,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4652, 26.5978, 27.9419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 145, 138) }
```

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

```
.background{ background-color: rgb(127,  
145, 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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