

Converting Colors

XYZ(27.4019, 26.2604, 33.2448)

Have a look what the booklet for
XYZ(27.4019, 26.2604, 33.2448)
contains.

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Color

**XYZ(27.4683, 26.3672,
33.3474)**

Conversions

Conversions Part 1

Format	Color
Hex	998798
RGB	153, 135, 152
RGB Percent	60%, 53%, 60%
CMY	0.4000, 0.4706, 0.4039
CMYK	0.00, 0.12, 0.01, 0.40
HSL	303°, 8%, 56%
HSV	303°, 12%, 60%
XYZ	27.4683, 26.3672, 33.3474
YIQ	142.3200, 5.2710, 9.1030

Conversions

Conversions Part 2

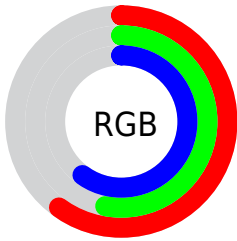
Format	Color
R_{YB}	153, 135, 152
Decimal	10061720
CIE Lab	58.38, 9.95, -6.56
CIE LCh	58, 11.923, 326.593
Yxy	26.3672, 0.3151, 0.3024
Android (android.graphics.Color)	4288251800 (0xFF998798)
YUV	142.3200, 4.7722, 9.3664
Hunter-Lab	51.3490, 5.6249, -2.5602

Details

The XYZ color **27.4683, 26.3672, 33.3474** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.8278, 29.7116, 27.6675**, and the grayscale version is **25.8187, 27.1633, 29.5808**.

A 20% lighter version of the original color is **54.8559, 53.6881, 65.8641**, and **11.0770, 10.2614, 13.7087** is the 20% darker color. If you saturate the color by 10%, you get **25.4161, 22.3734, 32.3213**, and if you desaturate by 10%, it is **29.8294, 30.9771, 34.4795**.

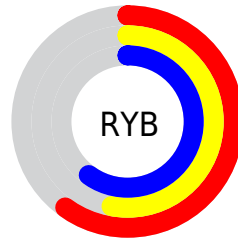
Distribution



Red (60%)

Green (53%)

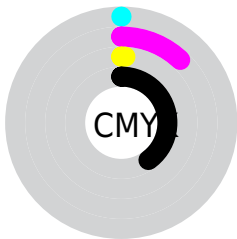
Blue (60%)



Red (60%)

Yellow (53%)

Blue (60%)

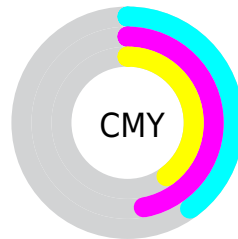


Cyan (0%)

Magenta (12%)

Yellow (1%)

Black (40%)



Cyan (40%)

Magenta (47%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4683, 26.3672, 33.3474 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 27.4683, 26.3672, 33.3474 by changing the saturation by 10% instead.

■ 27.4683, 26.3672,
33.3474

■ 27.4683, 26.3672,
33.3474

282.0438,
284.5800, 331.8921

■ 18.0636, 17.0985,
22.1194

■ 55.0490, 53.8667,
66.0398

■ 11.0957, 10.3048,
13.7455

■ 73.9558, 72.8664,
88.3412

■ 6.1990, 5.6015,
7.8072

■ 96.7607, 95.8786,
115.1710

■ 3.0083, 2.6043,
3.8858

123.8290,
123.2876, 146.9475

■ 1.1581, 0.9288,
1.5629

155.5261,
155.4778, 184.0893

■ 0.0729, 0.0000,
0.2641

192.2174,

■ 0.0000, 0.0000,

192.8337, 227.0150

0.0000

234.2682,
235.7396, 276.1431

■ 27.4683, 26.3672,
33.3474

■ 27.4683, 26.3672,
33.3474

■ 25.4161, 22.3734,
32.3213

■ 29.8294, 30.9771,
34.4795

■ 23.6573, 18.9661,
31.3952

■ 32.5092, 36.2241,
35.7201

■ 22.1789, 16.1187,
30.5650

■ 35.5201, 42.1325,
37.0734

■ 20.9656, 13.8009,
29.8256

■ 38.8732, 48.7244,
38.5433

■ 20.0011, 11.9797,
29.1715

■ 42.5788, 56.0206,
40.1332

■ 19.2669, 10.6184,
28.5967

■ 46.6471, 64.0412,
41.8465

■ 18.7422, 9.6752,
28.0941

■ 51.0876, 72.8056,
43.6864

■ 18.4022, 9.1007,
27.6556

■ 55.1379, 80.7887,
45.3986

■ 18.2094, 8.8013,
27.3252

■ 55.2118, 80.8183,
45.7880

Harmonies

Analogous

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



26.3337, 26.3672, 36.4810



27.4683, 26.3672, 33.3474



27.9570, 26.3672, 29.1879

Triad

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



27.4683, 26.3672, 33.3474



25.2278, 26.3672, 21.4354



22.6434, 26.3672, 32.4449

Complementary

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



27.4683, 26.3672, 33.3474



25.8278, 29.7116, 27.6675

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.



22.3727, 26.3672, 28.2362



27.4683, 26.3672, 33.3474



23.8304, 26.3672, 22.1282

Square

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



27.4683, 26.3672, 33.3474



26.6323, 26.3672, 22.5307



22.7991, 26.3672, 24.5227



23.5532, 26.3672, 35.9256

Rectangle

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



27.4683, 26.3672, 33.3474



27.8372, 26.3672, 26.4830



22.7991, 26.3672, 24.5227



22.4762, 26.3672, 31.0572

Sweetspot

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



27.4691, 26.3683, 33.3480



52.3912, 53.4640, 61.2617



24.5520, 24.8550, 33.6409



11.5006, 11.6728, 13.4949



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.4691, 26.3683, 33.3480



48.2183, 45.3221, 59.2421



26.7672, 26.0876, 29.6519



6.4464, 6.3177, 7.7308



15.0536, 7.2757, 22.6051



0.2289, 0.1103, 0.3584

Inverse Universe

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



27.4691, 26.3683, 33.3480



48.2183, 45.3221, 59.2421



26.4869, 29.9753, 31.1383



6.4464, 6.3177, 7.7308



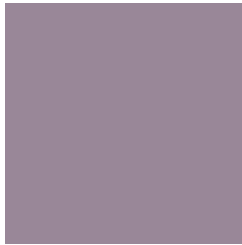
15.0536, 7.2757, 22.6051



0.2289, 0.1103, 0.3584

Previews

White Background



This preview shows how the XYZ color 27.4683, 26.3672, 33.3474 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 27.4683, 26.3672, 33.3474 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 27.4683, 26.3672, 33.3474

Background



This preview shows how black text looks on a background with the XYZ color 27.4683, 26.3672, 33.3474.



This preview shows how white text looks on a background with the XYZ color 27.4683, 26.3672,

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

27.4683, 26.3672, 33.3474

Protanopia

25.7965, 26.3208, 34.7311

Deuteranopia

26.8661, 26.2649, 33.3594



Tritanopia

27.0195, 26.3903, 31.2735

Trichromacy



Original Color

27.4683, 26.3672, 33.3474

Protanomaly

26.4228, 26.4393, 34.2825

Deuteranomaly

27.0493, 26.3593, 33.3680

Tritanomaly

27.1779, 26.4536, 32.1074

Monochromacy



Original Color

27.4683, 26.3672, 33.3474

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.2750, 26.6516, 30.9536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4683, 26.3672, 33.3474 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(153, 135, 152)` looks like.

```
.text, #text, p{  
    color:rgb(153, 135, 152)  
}
```

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(153, 135, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 135, 152) }
```

Border

The CSS property to change the border of an element to XYZ 27.4683, 26.3672, 33.3474 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(153, 135, 152) }
```


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

```
.border{ border-color:rgb(153, 135, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 135, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 135, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 135, 152);  
box-shadow:4px 4px 4px 4px rgb(153, 135,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4683, 26.3672, 33.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 135, 152) }
```

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

```
.background{ background-color: rgb(153,  
135, 152) }
```

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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