

Converting Colors

XYZ(25.0730, 27.2729, 28.1402)

Have a look what the booklet for
XYZ(25.0730, 27.2729, 28.1402)
contains.

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Color

**XYZ(25.0419, 27.1848,
27.9721)**

Conversions

Conversions Part 1

Format	Color
Hex	8A908A
RGB	138, 144, 138
RGB Percent	54%, 56%, 54%
CMY	0.4588, 0.4353, 0.4588
CMYK	0.04, 0.00, 0.04, 0.44
HSL	120°, 3%, 55%
HSV	120°, 4%, 56%
XYZ	25.0419, 27.1848, 27.9721
YIQ	141.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

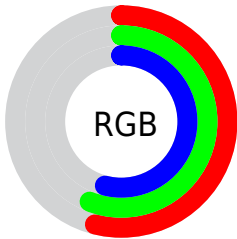
Format	Color
R_{YB}	138, 144, 144
Decimal	9080970
CIE Lab	59.14, -3.36, 2.42
CIE LCh	59, 4.143, 144.265
Yxy	27.1848, 0.3122, 0.3390
Android (android.graphics.Color)	4287271050 (0xFF8A908A)
YUV	141.5220, -1.7363, -3.0888
Hunter-Lab	52.1390, -5.5114, 4.6888

Details

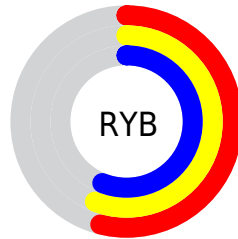
The XYZ color **25.0419, 27.1848, 27.9721** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.6251, 26.1204, 30.0780**, and the grayscale version is **25.5302, 26.8598, 29.2503**.

A 20% lighter version of the original color is **51.0839, 55.2261, 57.2575**, and **9.7887, 10.7847, 10.7983** is the 20% darker color. If you saturate the color by 10%, you get **21.8413, 25.6482, 22.7365**, and if you desaturate by 10%, it is **28.6982, 28.9419, 33.9517**.

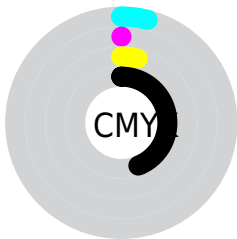
Distribution



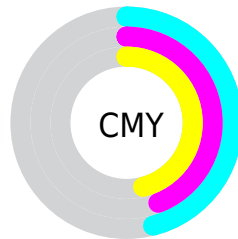
- Red (54%)
- Green (56%)
- Blue (54%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (46%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0419, 27.1848, 27.9721 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 25.0419, 27.1848, 27.9721 by changing the saturation by 10% instead.

■ 25.0419, 27.1848,
27.9721

■ 25.0419, 27.1848,
27.9721

270.3903,
288.5508, 306.2413

■ 16.2372, 17.7121,
18.0658

■ 51.1676, 55.1803,
57.4625

■ 9.7840, 10.7435,
10.8273

■ 69.2193, 74.4718,
77.8836

■ 5.3172, 5.8946,
5.8381

■ 91.0840, 97.8050,
102.6467

■ 2.4712, 2.7811,
2.6797

117.1271,
125.5644, 132.1704

■ 0.8808, 1.0185,
0.9332

147.7139,
158.1342, 166.8731

■ 0.0000, 0.0000,
0.0000

183.2098,

195.8990, 207.1735

223.9802,
239.2430, 253.4901

■ 25.0419, 27.1848,
27.9721

■ 25.0419, 27.1848,
27.9721

■ 21.8413, 25.6482,
22.7365

■ 28.6982, 28.9419,
33.9517

■ 19.0764, 24.3200,
18.2142

■ 32.8247, 30.9241,
40.7008

■ 16.7290, 23.1925,
14.3747

■ 37.4380, 33.1401,
48.2462

■ 14.7789, 22.2557,
11.1850

■ 42.5534, 35.5973,
56.6126

■ 13.2040, 21.4993,
8.6090

■ 48.1852, 38.3026,
65.8238

■ 11.9804, 20.9115,
6.6075

■ 54.3475, 41.2626,
75.9024

■ 11.0811, 20.4795,
5.1363

■ 61.0536, 44.4839,
86.8704

■ 10.4753, 20.1885,
4.1453

■ 68.3164, 47.9727,
98.7489

■ 10.1250, 20.0203,
3.5722

■ 69.2638, 48.4276,
100.3046

Harmonies

Analogous

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



25.4330, 27.1848, 27.0858



25.0419, 27.1848, 27.9721



24.8644, 27.1848, 29.3168

Triad

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



25.0419, 27.1848, 27.9721



25.7394, 27.1848, 32.5156



26.7528, 27.1848, 28.4480

Complementary

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



25.0419, 27.1848, 27.9721



25.6251, 26.1204, 30.0780

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.



26.8374, 27.1848, 29.8843



25.0419, 27.1848, 27.9721



26.2479, 27.1848, 32.2643

Square

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



25.0419, 27.1848, 27.9721



25.2636, 27.1848, 31.9647



26.6515, 27.1848, 31.2891



26.4217, 27.1848, 27.3541

Rectangle

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



25.0419, 27.1848, 27.9721



24.8893, 27.1848, 30.3048



26.6515, 27.1848, 31.2891



26.8112, 27.1848, 28.9055

Sweetspot

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



25.0427, 27.1860, 27.9727



46.1089, 48.8799, 52.5108



26.0635, 27.7123, 28.0203



10.5832, 11.2138, 12.0573



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.



25.0427, 27.1860, 27.9727



43.6063, 47.6778, 48.4176



25.2630, 27.2741, 29.1331



5.6181, 6.1616, 6.2217



8.6850, 17.3699, 2.8953



0.0830, 0.1661, 0.0277

Inverse Universe

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



25.6251, 26.1204, 30.0780



44.8560, 45.3915, 52.9348



25.3987, 26.0299, 28.8857



5.7922, 5.8430, 6.8512



14.3987, 6.9165, 23.5485



0.1377, 0.0661, 0.2252

Previews

White Background



This preview shows how the XYZ color 25.0419, 27.1848, 27.9721 looks on a white background.

Color Contrast Check

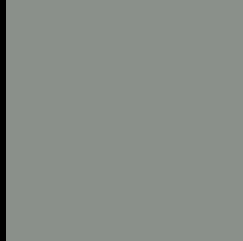
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0419, 27.1848, 27.9721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

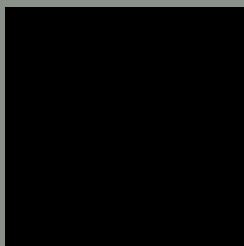
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

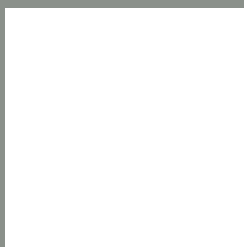
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0419, 27.1848, 27.9721

Background



This preview shows how black text looks on a background with the XYZ color 25.0419, 27.1848, 27.9721.



This preview shows how white text looks on a background with the XYZ color 25.0419, 27.1848,

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

25.0419, 27.1848, 27.9721

Protanopia

26.0424, 27.2631, 27.5566

Deuteranopia

27.6533, 27.2091, 28.2205



Tritanopia

26.2380, 27.2214, 34.0083

Trichromacy



Original Color

25.0419, 27.1848, 27.9721

Protanomaly

25.6655, 27.2907, 27.5818

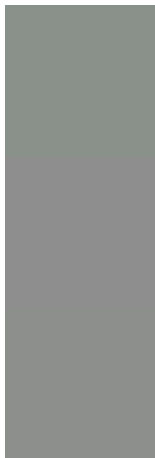
Deuteranomaly

26.6160, 27.1043, 28.2549

Tritanomaly

25.8152, 27.2720, 31.9204

Monochromacy



Original Color

25.0419, 27.1848, 27.9721

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.6147, 27.2307, 29.1053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0419, 27.1848, 27.9721 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(138, 144, 138)` looks like.

```
.text, #text, p{  
    color:rgb(138, 144, 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(138, 144, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 144, 138) }
```

Border

The CSS property to change the border of an element to XYZ 25.0419, 27.1848, 27.9721 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(138, 144, 138) }
```


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

```
.border{ border-color:rgb(138, 144, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 144, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 144, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 144, 138);  
box-shadow:4px 4px 4px 4px rgb(138, 144,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0419, 27.1848, 27.9721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 144, 138) }
```

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

```
.background{ background-color: rgb(138,  
144, 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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