

Converting Colors

XYZ(27.5450, 29.4940, 25.0343)

Have a look what the booklet for
XYZ(27.5450, 29.4940, 25.0343)
contains.

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Color

**XYZ(27.5012, 29.4402,
25.0019)**

Conversions

Conversions Part 1

Format	Color
Hex	989481
RGB	152, 148, 129
RGB Percent	60%, 58%, 51%
CMY	0.4039, 0.4196, 0.4941
CMYK	0.00, 0.03, 0.15, 0.40
HSL	50°, 10%, 55%
HSV	50°, 15%, 60%
XYZ	27.5012, 29.4402, 25.0019
YIQ	147.0300, 8.4830, -5.0610

Conversions

Conversions Part 2

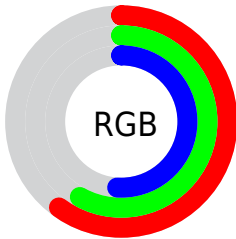
Format	Color
RYB	134, 152, 129
Decimal	9999489
CIELab	61.17, -1.92, 10.58
CIELCh	61, 10.749, 100.268
Yxy	29.4402, 0.3356, 0.3593
Android (android.graphics.Color)	4288189569 (0xFF989481)
YUV	147.0300, -8.8888, 4.3587
Hunter-Lab	54.2588, -4.4798, 10.6610

Details

The XYZ color **27.5012, 29.4402, 25.0019** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.1081, 23.7085, 33.0641**, and the grayscale version is **27.7793, 29.2260, 31.8272**.

A 20% lighter version of the original color is **55.0176, 58.7403, 52.6942**, and **11.0895, 11.8953, 9.3010** is the 20% darker color. If you saturate the color by 10%, you get **26.1558, 28.2477, 19.9341**, and if you desaturate by 10%, it is **29.0079, 30.7143, 30.8658**.

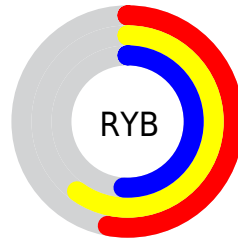
Distribution



Red (60%)

Green (58%)

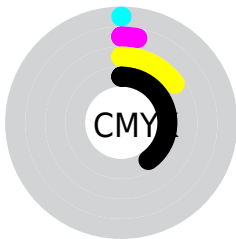
Blue (51%)



Red (53%)

Yellow (60%)

Blue (51%)

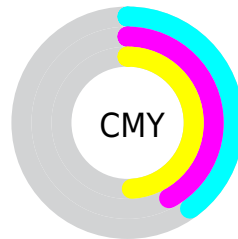


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (40%)



Cyan (40%)

Magenta (42%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5012, 29.4402, 25.0019 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 27.5012, 29.4402, 25.0019 by changing the saturation by 10% instead.

■ 27.5012, 29.4402,
25.0019

■ 27.5012, 29.4402,
25.0019

282.1992,
299.2863, 291.2954

■ 18.0885, 19.4141,
15.8594

■ 55.1013, 58.7758,
52.6245

■ 11.1136, 11.9699,
9.2715

■ 74.0195, 78.8540,
71.9416

■ 6.2112, 6.7232,
4.8194

■ 96.8368, 103.0517,
95.4875

■ 3.0158, 3.2896,
2.0848

123.9188,
131.7533, 123.6805

■ 1.1621, 1.2847,
0.6067

155.6306,
165.3431, 156.9393

■ 0.0761, 0.1293,
0.0000

192.3377,

■ 0.0000, 0.0000,

204.2057, 195.6823

0.0000

234.4055,
248.7253, 240.3282

■ 27.5012, 29.4402,
25.0019

■ 27.5012, 29.4402,
25.0019

■ 26.1558, 28.2477,
19.9341

■ 29.0079, 30.7143,
30.8658

■ 24.9628, 27.1302,
15.6256

■ 30.6799, 32.0688,
37.5566

■ 23.9157, 26.0860,
12.0396

■ 32.5239, 33.5074,
45.1057

■ 23.0068, 25.1118,
9.1355

■ 34.5455, 35.0325,
53.5425

■ 22.2275, 24.2043,
6.8687

■ 36.7500, 36.6462,
62.8949

■ 21.5682, 23.3594,
5.1890

■ 39.1426, 38.3508,
73.1894

■ 21.0181, 22.5727,
4.0390

■ 41.7281, 40.1483,
84.4516

■ 20.5628, 21.8383,
3.3440

■ 44.5113, 42.0406,
96.7062

■ 20.3574, 21.4924,
3.0755

■ 45.7084, 43.3144,
100.5592

Harmonies

Analogous

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



28.9080, 29.4402, 25.2841



27.5012, 29.4402, 25.0019



26.2649, 29.4402, 26.4849

Triad

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



27.5012, 29.4402, 25.0019



25.9626, 29.4402, 37.3442



30.6141, 29.4402, 34.7507

Complementary

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



27.5012, 29.4402, 25.0019



23.1081, 23.7085, 33.0641

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.



29.7725, 29.4402, 38.3567



27.5012, 29.4402, 25.0019



27.0761, 29.4402, 39.9391

Square

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



27.5012, 29.4402, 25.0019



25.3965, 29.4402, 33.4604



28.4684, 29.4402, 40.3244



30.7373, 29.4402, 30.6902

Rectangle

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



27.5012, 29.4402, 25.0019



25.6917, 29.4402, 28.3545



28.4684, 29.4402, 40.3244



30.4045, 29.4402, 36.0651

Sweetspot

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



27.5020, 29.4415, 25.0025



51.2112, 54.2216, 54.5184



25.0480, 24.0757, 25.5961



11.5986, 12.2899, 12.2293



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.



27.5020, 29.4415, 25.0025



47.7485, 51.2737, 41.1017



26.8181, 30.0356, 25.1533



6.6176, 7.0402, 6.6160



17.0891, 18.0606, 2.5853



0.2767, 0.3125, 0.0457

Inverse Universe

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



23.1081, 23.7085, 33.0641



38.5489, 39.2710, 57.9820



23.7175, 23.2259, 32.9388



5.9670, 6.1913, 7.8095



5.0864, 2.5694, 25.1356



0.0951, 0.0765, 0.3821

Previews

White Background



This preview shows how the XYZ color 27.5012, 29.4402, 25.0019 looks on a white background.

Color Contrast Check

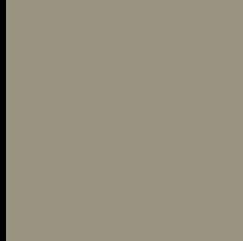
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5012, 29.4402, 25.0019 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

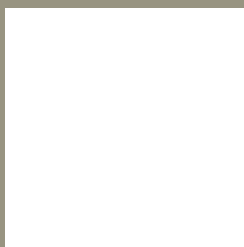
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5012, 29.4402, 25.0019

Background



This preview shows how black text looks on a background with the XYZ color 27.5012, 29.4402, 25.0019.



This preview shows how white text looks on a background with the XYZ color 27.5012, 29.4402,

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

27.5012, 29.4402, 25.0019

Protanopia

27.9137, 29.4210, 24.9765

Deuteranopia

29.8507, 29.2825, 25.1979



Tritanopia

29.6843, 29.4147, 35.5656

Trichromacy



Original Color

27.5012, 29.4402, 25.0019

Protanomaly

27.7226, 29.3224, 24.9675

Deuteranomaly

28.9028, 29.2396, 25.2396

Tritanomaly

28.8313, 29.2947, 31.3290

Monochromacy



Original Color

27.5012, 29.4402, 25.0019

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5618, 29.1504, 28.9849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5012, 29.4402, 25.0019 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(152, 148, 129)` looks like.

```
.text, #text, p{  
    color:rgb(152, 148, 129)  
}
```

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(152, 148, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 148, 129) }
```

Border

The CSS property to change the border of an element to XYZ 27.5012, 29.4402, 25.0019 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(152, 148, 129) }
```


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

```
.border{ border-color:rgb(152, 148, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 148, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 148, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 148, 129);  
box-shadow:4px 4px 4px 4px rgb(152, 148,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5012, 29.4402, 25.0019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 148, 129) }
```

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

```
.background{ background-color: rgb(152,  
148, 129) }
```

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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