

Converting Colors

XYZ(27.9102, 27.0245, 31.8271)

Have a look what the booklet for
XYZ(27.9102, 27.0245, 31.8271)
contains.

| | |
|--|----|
| XYZ(28.0013, 27.0974, 31.7715) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(28.0013, 27.0974,
31.7715)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 9C8994 |
| RGB | 156, 137, 148 |
| RGB Percent | 61%, 54%, 58% |
| CMY | 0.3882, 0.4627, 0.4196 |
| CMYK | 0.00, 0.12, 0.05, 0.39 |
| HSL | 325°, 9%, 57% |
| HSV | 325°, 12%, 61% |
| XYZ | 28.0013, 27.0974, 31.7715 |
| YIQ | 143.9350, 7.7930, 7.4490 |

Conversions

Conversions Part 2

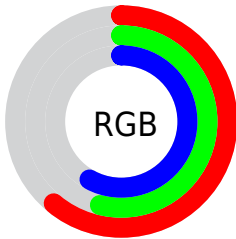
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 156, 137, 148 |
| Decimal | 10258836 |
| CIE Lab | 59.06, 9.14, -3.23 |
| CIE LCh | 59, 9.699, 340.527 |
| Yxy | 27.0974, 0.3223, 0.3119 |
| Android (android.graphics.Color) | 4288448916 (0xFF9C8994) |
| YUV | 143.9350, 2.0040, 10.5810 |
| Hunter-Lab | 52.0552, 4.9215, 0.2514 |

Details

The XYZ color **28.0013, 27.0974, 31.7715** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.3169, 31.1404, 31.3606**, and the grayscale version is **26.4738, 27.8525, 30.3313**.

A 20% lighter version of the original color is **55.9381, 54.9401, 63.5334**, and **11.3916, 10.6827, 12.7708** is the 20% darker color. If you saturate the color by 10%, you get **25.4369, 22.7771, 28.4238**, and if you desaturate by 10%, it is **30.9174, 32.0732, 35.3828**.

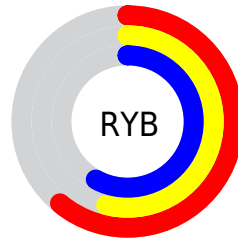
Distribution



Red (61%)

Green (54%)

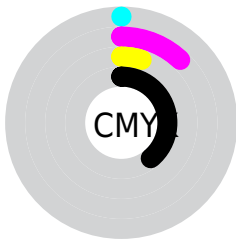
Blue (58%)



Red (61%)

Yellow (54%)

Blue (58%)

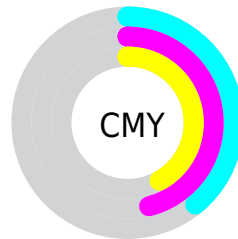


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (39%)



Cyan (39%)

Magenta (46%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0013, 27.0974, 31.7715 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 28.0013, 27.0974, 31.7715 by changing the saturation by 10% instead.

■ 28.0013, 27.0974,
31.7715

■ 28.0013, 27.0974,
31.7715

284.5531,
288.1284, 324.5376

■ 18.4671, 17.6464,
20.9237

■ 55.8951, 55.0401,
63.5464

■ 11.3876, 10.6964,
12.8775

■ 74.9855, 74.3006,
85.3106

■ 6.3974, 5.8631,
7.2145

■ 97.9920, 97.5997,
111.5507

■ 3.1311, 2.7620,
3.5161

125.2799,
125.3219, 142.6851

■ 1.2235, 1.0088,
1.3638

157.2146,
157.8514, 179.1325

■ 0.1248, 0.0000,
0.1133

194.1614,

■ 0.0000, 0.0000,

195.5727, 221.3113

0.0000

236.4858,
238.8703, 269.6402

■ 28.0013, 27.0974,
31.7715

■ 28.0013, 27.0974,
31.7715

■ 25.4369, 22.7771,
28.4238

■ 30.9174, 32.0732,
35.3828

■ 23.2078, 19.0811,
25.3307

■ 34.1962, 37.7268,
39.2626

■ 21.2994, 15.9810,
22.4853

■ 37.8511, 44.0840,
43.4181

■ 19.6955, 13.4448,
19.8797

■ 41.8942, 51.1680,
47.8554

■ 18.3780, 11.4376,
17.5052

■ 46.3370, 59.0011,
52.5805

■ 17.3271, 9.9204,
15.3526

■ 51.1902, 67.6044,
57.5994

■ 16.5201, 8.8488,
13.4116

■ 56.4647, 76.9985,
62.9175

■ 15.9303, 8.1703,
11.6704

■ 59.9610, 82.7842,
67.8038

■ 15.5690, 7.8114,
10.4286

■ 60.7484, 83.0992,
71.9501

Harmonies

Analogous

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



27.2899, 27.0974, 34.8392



28.0013, 27.0974, 31.7715



28.1003, 27.0974, 28.3090

Triad

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



28.0013, 27.0974, 31.7715



25.3344, 27.0974, 23.4514



24.0345, 27.0974, 34.0283

Complementary

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



28.0013, 27.0974, 31.7715



27.3169, 31.1404, 31.3606

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.



23.5445, 27.0974, 30.7331



28.0013, 27.0974, 31.7715



24.2793, 27.0974, 24.7441

Square

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



28.0013, 27.0974, 31.7715



26.5351, 27.0974, 23.6819



23.6327, 27.0974, 27.3479



24.9908, 27.0974, 36.2108

Rectangle

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



28.0013, 27.0974, 31.7715



27.8024, 27.0974, 26.2616



23.6327, 27.0974, 27.3479



23.8112, 27.0974, 33.0038

Sweetspot

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



28.0021, 27.0986, 31.7721



55.0970, 56.4416, 62.9800



26.6099, 26.3052, 35.1278



12.0381, 12.2729, 13.7536



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



28.0021, 27.0986, 31.7721



49.3387, 46.6448, 55.7589



27.2868, 26.8125, 28.0053



6.7859, 6.7073, 7.7237



12.8415, 6.4412, 8.6824



0.2504, 0.1235, 0.2650

Inverse Universe

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



28.0021, 27.0986, 31.7721



49.3387, 46.6448, 55.7589



28.0734, 31.4430, 35.3441



6.7859, 6.7073, 7.7237



12.8415, 6.4412, 8.6824



0.2504, 0.1235, 0.2650

Previews

White Background



This preview shows how the XYZ color 28.0013, 27.0974, 31.7715 looks on a white background.

Color Contrast Check

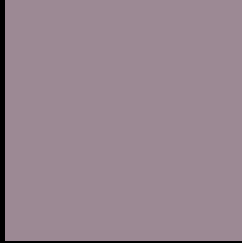
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0013, 27.0974, 31.7715 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 28.0013, 27.0974, 31.7715

Background



This preview shows how black text looks on a background with the XYZ color 28.0013, 27.0974, 31.7715.



This preview shows how white text looks on a background with the XYZ color 28.0013, 27.0974,

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

28.0013, 27.0974, 31.7715

Protanopia

26.2661, 27.0349, 33.1120

Deuteranopia

27.5706, 27.0874, 31.7922



Tritanopia

28.0013, 27.0974, 31.7715

Trichromacy



Original Color

28.0013, 27.0974, 31.7715

Protanomaly

26.9157, 27.1612, 32.6782

Deuteranomaly

27.7602, 27.1851, 31.8011

Tritanomaly

28.0013, 27.0974, 31.7715

Monochromacy



Original Color

28.0013, 27.0974, 31.7715

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.8485, 27.3900, 30.6598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0013, 27.0974, 31.7715 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(156, 137, 148)` looks like.

```
.text, #text, p{  
    color:rgb(156, 137, 148)  
}
```

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(156, 137, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 137, 148) }
```

Border

The CSS property to change the border of an element to XYZ 28.0013, 27.0974, 31.7715 is called "border". The border property can be set on classes, ids or directly on the HTML element.

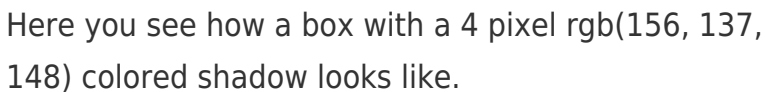
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 137, 148) }
```


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

```
.border{ border-color:rgb(156, 137, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 137, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 137, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 137, 148); box-shadow:4px 4px 4px 4px rgb(156, 137, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0013, 27.0974, 31.7715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 137, 148) }
```

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

```
.background{ background-color: rgb(156,  
137, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor