

Converting Colors

XYZ(28.4810, 27.7696, 31.8708)

Have a look what the booklet for
XYZ(28.4810, 27.7696, 31.8708)
contains.

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Color

**XYZ(28.4825, 27.7715,
31.8762)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8B94
RGB	157, 139, 148
RGB Percent	62%, 55%, 58%
CMY	0.3843, 0.4549, 0.4196
CMYK	0.00, 0.11, 0.06, 0.38
HSL	330°, 8%, 58%
HSV	330°, 11%, 62%
XYZ	28.4825, 27.7715, 31.8762
YIQ	145.4080, 7.8390, 6.6150

Conversions

Conversions Part 2

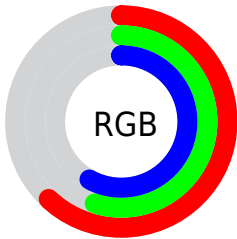
Format	Color
R _Y B	157, 139, 148
Decimal	10324884
CIE Lab	59.68, 8.38, -2.31
CIE LCh	60, 8.692, 344.558
Yxy	27.7715, 0.3232, 0.3151
Android (android.graphics.Color)	4288514964 (0xFF9D8B94)
YUV	145.4080, 1.2779, 10.1662
Hunter-Lab	52.6987, 4.2527, 1.0259

Details

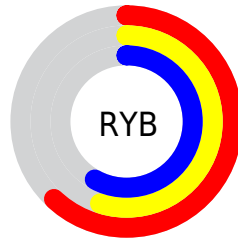
The XYZ color **28.4825, 27.7715, 31.8762** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.0508, 31.7416, 32.6668**, and the grayscale version is **27.0730, 28.4830, 31.0179**.

A 20% lighter version of the original color is **56.6617, 55.9606, 63.6922**, and **11.6739, 11.0720, 12.8311** is the 20% darker color. If you saturate the color by 10%, you get **25.7701, 23.3075, 28.0094**, and if you desaturate by 10%, it is **31.5651, 32.9078, 36.0750**.

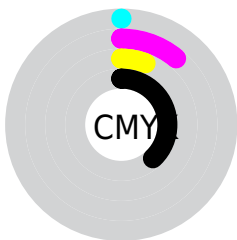
Distribution



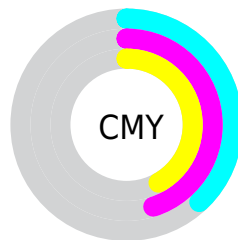
- Red (62%)
- Green (55%)
- Blue (58%)



- Red (62%)
- Yellow (55%)
- Blue (58%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (38%)



- Cyan (38%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4825, 27.7715, 31.8762 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 28.4825, 27.7715, 31.8762 by changing the saturation by 10% instead.

■ 28.4825, 27.7715,
31.8762

■ 28.4825, 27.7715,
31.8762

286.8038,
291.3734, 325.0302

■ 18.8320, 18.1535,
21.0029

■ 56.6571, 56.1194,
63.7126

■ 11.6522, 11.0602,
12.9349

■ 75.9120, 75.6181,
85.5128

■ 6.5778, 6.1074,
7.2535

■ 99.0990, 99.1792,
111.7924

■ 3.2435, 2.9105,
3.5403

126.5835,
127.1870, 142.9700

■ 1.2838, 1.0852,
1.3767

158.7309,
160.0259, 179.4640

■ 0.1710, 0.0000,
0.1234

195.9065,

■ 0.0000, 0.0000,

198.0803, 221.6930

0.0000

238.4757,
241.7347, 270.0756

■ 28.4825, 27.7715,
31.8762

■ 28.4825, 27.7715,
31.8762

■ 25.7701, 23.3075,
28.0094

■ 31.5651, 32.9078,
36.0750

■ 23.4109, 19.4841,
24.4640

■ 35.0294, 38.7390,
40.6128

■ 21.3900, 16.2724,
21.2310

■ 38.8893, 45.2914,
45.4982

■ 19.6904, 13.6400,
18.3004

■ 43.1571, 52.5885,
50.7393

■ 18.2937, 11.5515,
15.6616

■ 47.8449, 60.6531,
56.3436

■ 17.1794, 9.9675,
13.3031

■ 52.9641, 69.5068,
62.3185

■ 16.3243, 8.8430,
11.2123

■ 58.5255, 79.1703,
68.6713

■ 15.7012, 8.1253,
9.3750

■ 61.3988, 83.3818,
74.3618

■ 15.2974, 7.7252,
7.9847

■ 62.4064, 83.7848,
79.6675

Harmonies

Analogous

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



27.9043, 27.7715, 34.7519



28.4825, 27.7715, 31.8762



28.4914, 27.7715, 28.7448

Triad

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



28.4825, 27.7715, 31.8762



25.8692, 27.7715, 24.7585



24.9209, 27.7715, 34.6796

Complementary

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



28.4825, 27.7715, 31.8762



28.0508, 31.7416, 32.6668

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.



24.4059, 27.7715, 31.7829



28.4825, 27.7715, 31.8762



24.9430, 27.7715, 26.1337

Square

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



28.4825, 27.7715, 31.8762



26.9618, 27.7715, 24.7797



24.4139, 27.7715, 28.6578



25.8381, 27.7715, 36.4452

Rectangle

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



28.4825, 27.7715, 31.8762



28.1721, 27.7715, 26.9386



24.4139, 27.7715, 28.6578



24.6961, 27.7715, 33.7973

Sweetspot

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



28.4833, 27.7727, 31.8768



55.6040, 57.3849, 63.3668



27.5322, 27.1969, 35.6969



12.1380, 12.4645, 13.8125



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.



28.4833, 27.7727, 31.8768



49.5810, 47.3743, 55.0846



27.7984, 27.4988, 28.2703



6.7644, 6.6987, 7.6105



12.4430, 6.2818, 6.5836



0.2438, 0.1209, 0.2301

Inverse Universe

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



28.4833, 27.7727, 31.8768



49.5810, 47.3743, 55.0846



28.7910, 32.0377, 36.5649



6.7644, 6.6987, 7.6105



12.4430, 6.2818, 6.5836



0.2438, 0.1209, 0.2301

Previews

White Background



This preview shows how the XYZ color 28.4825, 27.7715, 31.8762 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 28.4825, 27.7715, 31.8762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

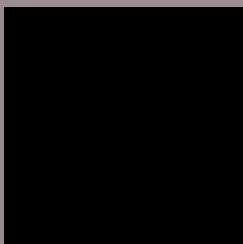
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4825, 27.7715, 31.8762

Background



This preview shows how black text looks on a background with the XYZ color 28.4825, 27.7715, 31.8762.



This preview shows how white text looks on a background with the XYZ color 28.4825, 27.7715,

31.8762.

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

28.4825, 27.7715, 31.8762

Protanopia

26.8291, 27.7762, 32.8015

Deuteranopia

28.2882, 27.6713, 31.8671



Tritanopia

28.6423, 27.8353, 32.7173

Trichromacy



Original Color

28.4825, 27.7715, 31.8762

Protanomaly

27.4922, 27.9055, 32.3711

Deuteranomaly

28.2882, 27.6713, 31.8671

Tritanomaly

28.5621, 27.8033, 32.2950

Monochromacy



Original Color

28.4825, 27.7715, 31.8762

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.4052, 28.1098, 31.1755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4825, 27.7715, 31.8762 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(157, 139, 148)` looks like.

```
.text, #text, p{  
    color:rgb(157, 139, 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(157, 139, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 139, 148) }
```

Border

The CSS property to change the border of an element to XYZ 28.4825, 27.7715, 31.8762 is called "border". The border property can be set on classes, ids or directly on the HTML element.

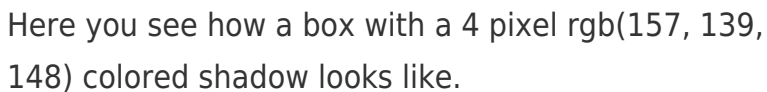
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 139, 148) }
```


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

```
.border{ border-color:rgb(157, 139, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 139, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 139, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 139, 148); box-shadow:4px 4px 4px 4px rgb(157, 139, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4825, 27.7715, 31.8762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 139, 148) }
```

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

```
.background{ background-color: rgb(157,  
139, 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](#).

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