

Converting Colors

XYZ(27.9458, 27.9510, 27.8536)

Have a look what the booklet for
XYZ(27.9458, 27.9510, 27.8536)
contains.

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Color

**XYZ(28.0169, 28.0528,
27.9828)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8D8A
RGB	157, 141, 138
RGB Percent	62%, 55%, 54%
CMY	0.3843, 0.4470, 0.4588
CMYK	0.00, 0.10, 0.12, 0.38
HSL	9°, 9%, 58%
HSV	9°, 12%, 62%
XYZ	28.0169, 28.0528, 27.9828
YIQ	145.4420, 10.4990, 2.4590

Conversions

Conversions Part 2

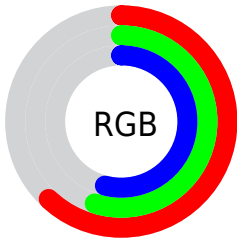
Format	Color
R_{YB}	157, 142, 138
Decimal	10325386
CIE Lab	59.94, 5.45, 3.77
CIE LCh	60, 6.624, 34.670
Yxy	28.0528, 0.3333, 0.3338
Android (android.graphics.Color)	4288515466 (0xFF9D8D8A)
YUV	145.4420, -3.6689, 10.1364
Hunter-Lab	52.9649, 1.7328, 5.7509

Details

The XYZ color **28.0169, 28.0528, 27.9828** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.1224, 30.9481, 36.3899**, and the grayscale version is **27.1056, 28.5172, 31.0552**.

A 20% lighter version of the original color is **56.0705, 56.7889, 57.2963**, and **11.4464, 11.2509, 10.8009** is the 20% darker color. If you saturate the color by 10%, you get **25.1274, 23.9631, 21.8112**, and if you desaturate by 10%, it is **31.3049, 32.6760, 35.0986**.

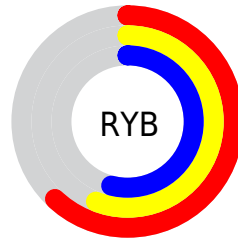
Distribution



Red (62%)

Green (55%)

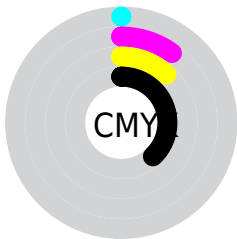
Blue (54%)



Red (62%)

Yellow (56%)

Blue (54%)

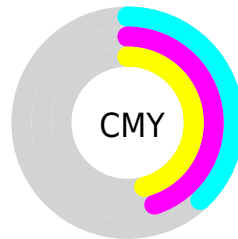


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (38%)



Cyan (38%)

Magenta (45%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0169, 28.0528, 27.9828 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 28.0169, 28.0528, 27.9828 by changing the saturation by 10% instead.

■ 28.0169, 28.0528,
27.9828

■ 28.0169, 28.0528,
27.9828

284.6263,
292.7191, 306.2941

■ 18.4789, 18.3655,
18.0738

■ 55.9199, 56.5687,
57.4798

■ 11.3961, 11.2127,
10.8330

■ 75.0156, 76.1661,
77.9047

■ 6.4032, 6.2101,
5.8419

■ 98.0279, 99.8356,
102.6721

■ 3.1347, 2.9732,
2.6819

125.3222,
127.9617, 132.2005

■ 1.2254, 1.1178,
0.9343

157.2638,
160.9287, 166.9083

■ 0.1263, 0.0000,
0.0000

194.2182,

■ 0.0000, 0.0000,

199.1210, 207.2142

0.0000

236.5505,
242.9230, 253.5366

■ 28.0169, 28.0528,
27.9828

■ 28.0169, 28.0528,
27.9828

■ 25.1274, 23.9631,
21.8112

■ 31.3049, 32.6760,
35.0986

■ 22.6190, 20.3842,
16.5425

■ 35.0035, 37.8471,
43.1942

■ 20.4763, 17.2969,
12.1345

■ 39.1271, 43.5847,
52.3054

■ 18.6820, 14.6796,
8.5415

■ 43.6887, 49.9053,
62.4658

■ 17.2172, 12.5092,
5.7132

■ 48.7006, 56.8246,
73.7074

■ 16.0615, 10.7604,
3.5937

■ 54.1749, 64.3580,
86.0609

■ 15.1919, 9.4053,
2.1196

■ 60.1230, 72.5201,
99.5556

■ 14.5821, 8.4128,
1.2161

■ 65.1399, 80.7586,
106.7625

■ 14.2484, 7.8555,
0.7653

■ 67.7147, 85.9081,
107.6207

Harmonies

Analogous

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



28.3094, 28.0528, 30.1688



28.0169, 28.0528, 27.9828



27.3619, 28.0528, 26.5433

Triad

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



28.0169, 28.0528, 27.9828



25.2269, 28.0528, 28.6040



26.7954, 28.0528, 35.4020

Complementary

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



28.0169, 28.0528, 27.9828



28.1224, 30.9481, 36.3899

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.



25.9768, 28.0528, 34.9294



28.0169, 28.0528, 27.9828



25.0823, 28.0528, 30.9237

Square

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



28.0169, 28.0528, 27.9828



25.7531, 28.0528, 26.8885



25.3541, 28.0528, 33.2584



27.5948, 28.0528, 34.5182

Rectangle

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



28.0169, 28.0528, 27.9828



26.8140, 28.0528, 26.1576



25.3541, 28.0528, 33.2584



26.5133, 28.0528, 35.3969

Sweetspot

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



28.0177, 28.0540, 27.9834



54.8432, 56.8070, 60.2034



28.8386, 27.6835, 34.4611



11.9727, 12.3664, 13.0408



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.



28.0177, 28.0540, 27.9834



48.4509, 47.8050, 46.4120



29.4546, 30.9279, 28.4624



6.7135, 6.8071, 6.9457



11.5910, 6.4177, 0.6278



0.2282, 0.1566, 0.0182

Inverse Universe

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



28.1224, 30.9481, 36.3899



48.6823, 54.2117, 65.0248



26.6393, 27.9819, 35.8955



6.7325, 7.3308, 8.4668



11.6870, 15.4655, 28.2764



0.2308, 0.3202, 0.5129

Previews

White Background



This preview shows how the XYZ color 28.0169, 28.0528, 27.9828 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 28.0169, 28.0528, 27.9828 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

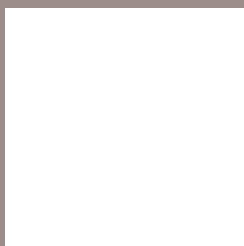
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.0169, 28.0528, 27.9828

Background



This preview shows how black text looks on a background with the XYZ color 28.0169, 28.0528, 27.9828.



This preview shows how white text looks on a background with the XYZ color 28.0169, 28.0528,

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

28.0169, 28.0528, 27.9828

Protanopia

26.9196, 28.1359, 28.8229

Deuteranopia

28.6635, 28.1682, 27.9710



Tritanopia

29.0357, 28.0382, 32.7357

Trichromacy



Original Color

28.0169, 28.0528, 27.9828

Protanomaly

27.2452, 28.0883, 28.4117

Deuteranomaly

28.4627, 28.0647, 27.9616

Tritanomaly

28.6669, 28.1006, 31.1072

Monochromacy



Original Color

28.0169, 28.0528, 27.9828

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.2502, 28.2891, 29.6153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0169, 28.0528, 27.9828 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, 141, 138)` looks like.

```
.text, #text, p{  
    color:rgb(157, 141, 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(157, 141, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 141, 138) }
```

Border

The CSS property to change the border of an element to XYZ 28.0169, 28.0528, 27.9828 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, 141, 138) }
```


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

```
.border{ border-color:rgb(157, 141, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 141, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 141, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 141, 138); box-shadow:4px 4px 4px 4px rgb(157, 141, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0169, 28.0528, 27.9828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 141, 138) }
```

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

```
.background{ background-color: rgb(157,  
141, 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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