

Converting Colors

XYZ(28.0831, 27.9318, 28.4653)

Have a look what the booklet for
XYZ(28.0831, 27.9318, 28.4653)
contains.

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Color

**XYZ(27.9429, 27.7883,
28.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8C8B
RGB	157, 140, 139
RGB Percent	62%, 55%, 55%
CMY	0.3843, 0.4510, 0.4549
CMYK	0.00, 0.11, 0.11, 0.38
HSL	3°, 8%, 58%
HSV	3°, 11%, 62%
XYZ	27.9429, 27.7883, 28.3170
YIQ	144.9690, 10.4530, 3.2930

Conversions

Conversions Part 2

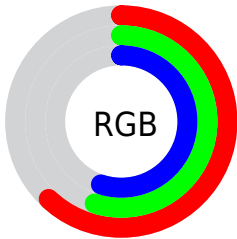
Format	Color
R _Y B	157, 140, 139
Decimal	10325131
CIE Lab	59.70, 6.19, 2.85
CIE LCh	60, 6.811, 24.742
Yxy	27.7883, 0.3325, 0.3306
Android (android.graphics.Color)	4288515211 (0xFF9D8C8B)
YUV	144.9690, -2.9427, 10.5512
Hunter-Lab	52.7146, 2.3685, 5.0511

Details

The XYZ color **27.9429, 27.7883, 28.3170** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.6216, 31.6997, 36.5088**, and the grayscale version is **26.9102, 28.3117, 30.8314**.

A 20% lighter version of the original color is **55.9576, 56.3864, 57.8036**, and **11.4032, 11.0978, 10.9923** is the 20% darker color. If you saturate the color by 10%, you get **24.8550, 23.3182, 22.0287**, and if you desaturate by 10%, it is **31.4890, 32.9106, 35.5716**.

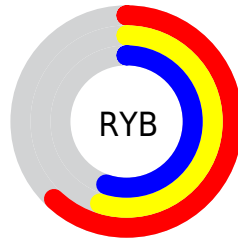
Distribution



Red (62%)

Green (55%)

Blue (55%)



Red (62%)

Yellow (55%)

Blue (55%)

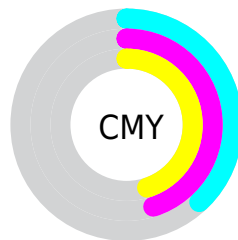


Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (38%)



Cyan (38%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9429, 27.7883, 28.3170 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 27.9429, 27.7883, 28.3170 by changing the saturation by 10% instead.

■ 27.9429, 27.7883,
28.3170

■ 27.9429, 27.7883,
28.3170

284.2790,
291.4539, 307.9380

■ 18.4229, 18.1661,
18.3236

■ 55.8025, 56.1463,
58.0193

■ 11.3555, 11.0693,
11.0108

■ 74.8729, 75.6509,
78.5654

■ 6.3755, 6.1135,
5.9598

■ 97.8573, 99.2184,
103.4661

■ 3.1176, 2.9142,
2.7523

125.1212,
127.2333, 133.1399

■ 1.2162, 1.0871,
0.9696

157.0300,
160.0799, 168.0055

■ 0.1191, 0.0000,
0.0000

193.9490,

■ 0.0000, 0.0000,

198.1426, 208.4814

0.0000

236.2435,
241.8058, 254.9860

■ 27.9429, 27.7883,
28.3170

■ 27.9429, 27.7883,
28.3170

■ 24.8550, 23.3182,
22.0287

■ 31.4890, 32.9106,
35.5716

■ 22.2044, 19.4705,
16.6641

■ 35.5086, 38.7058,
43.8289

■ 19.9721, 16.2189,
12.1804

■ 40.0189, 45.1984,
53.1258

■ 18.1366, 13.5334,
8.5304

■ 45.0357, 52.4106,
63.4965

■ 16.6747, 11.3817,
5.6627

■ 50.5742, 60.3635,
74.9738

■ 15.5607, 9.7282,
3.5201

■ 56.6488, 69.0774,
87.5893

■ 14.7655, 8.5328,
2.0377

■ 63.2734, 78.5718,
101.3730

■ 14.2556, 7.7494,
1.1389

■ 67.7148, 85.9082,
107.6207

■ 13.9997, 7.3580,
0.6824

Harmonies

Analogous

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



28.0936, 27.7883, 30.6929



27.9429, 27.7883, 28.3170



27.3784, 27.7883, 26.5509

Triad

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



27.9429, 27.7883, 28.3170



25.0841, 27.7883, 27.6036



26.2606, 27.7883, 35.2235

Complementary

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



27.9429, 27.7883, 28.3170



28.6216, 31.6997, 36.5088

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.



25.4685, 27.7883, 34.2922



27.9429, 27.7883, 28.3170



24.7988, 27.7883, 29.8247

Square

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



27.9429, 27.7883, 28.3170



25.7257, 27.7883, 26.1550



24.9380, 27.7883, 32.2831



27.1103, 27.7883, 34.7663

Rectangle

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



27.9429, 27.7883, 28.3170



26.8497, 27.7883, 25.9127



24.9380, 27.7883, 32.2831



25.9790, 27.7883, 35.0611

Sweetspot

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



27.9437, 27.7895, 28.3176



55.3257, 57.3983, 61.5165



29.1468, 28.0374, 35.3728



12.0618, 12.4681, 13.3063



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.



27.9437, 27.7895, 28.3176



48.4113, 47.4064, 47.3832



29.2968, 30.4958, 28.7686



6.6613, 6.7025, 6.9283



11.3794, 5.9945, 0.5573



0.2112, 0.1226, 0.0125

Inverse Universe

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



28.6216, 31.6997, 36.5088



49.8938, 55.9578, 65.2980



27.1829, 28.8222, 36.0292



6.7902, 7.4461, 8.4860



13.5851, 19.2618, 28.9091



0.2515, 0.3616, 0.5198

Previews

White Background



This preview shows how the XYZ color 27.9429, 27.7883, 28.3170 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 27.9429, 27.7883, 28.3170 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 27.9429, 27.7883, 28.3170

Background



This preview shows how black text looks on a background with the XYZ color 27.9429, 27.7883, 28.3170.



This preview shows how white text looks on a background with the XYZ color 27.9429, 27.7883,

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

27.9429, 27.7883, 28.3170

Protanopia

26.6628, 27.7711, 29.1544

Deuteranopia

28.1909, 27.7002, 28.2870



Tritanopia

28.6138, 27.6160, 32.2561

Trichromacy



Original Color

27.9429, 27.7883, 28.3170

Protanomaly

27.1691, 27.8188, 28.7485

Deuteranomaly

27.9934, 27.5984, 28.2777

Tritanomaly

28.4440, 27.7787, 30.6507

Monochromacy



Original Color

27.9429, 27.7883, 28.3170

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.1748, 28.0177, 29.9623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9429, 27.7883, 28.3170 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, 140, 139)` looks like.

```
.text, #text, p{  
    color:rgb(157, 140, 139)  
}
```

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, 140, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 140, 139) }
```

Border

The CSS property to change the border of an element to XYZ 27.9429, 27.7883, 28.3170 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, 140, 139) }
```


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

```
.border{ border-color:rgb(157, 140, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 140, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 140, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 140, 139);  
box-shadow:4px 4px 4px 4px rgb(157, 140,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9429, 27.7883, 28.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 140, 139) }
```

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

```
.background{ background-color: rgb(157,  
140, 139) }
```

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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