

Converting Colors

XYZ(27.8890, 28.4002, 28.8972)

Have a look what the booklet for
XYZ(27.8890, 28.4002, 28.8972)
contains.

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Color

**XYZ(27.8825, 28.4084,
28.8247)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8F8C
RGB	154, 143, 140
RGB Percent	60%, 56%, 55%
CMY	0.3961, 0.4392, 0.4510
CMYK	0.00, 0.07, 0.09, 0.40
HSL	13°, 6%, 58%
HSV	13°, 9%, 60%
XYZ	27.8825, 28.4084, 28.8247
YIQ	145.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

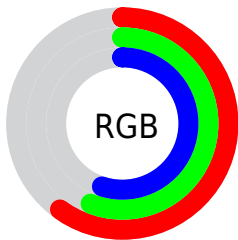
Format	Color
RYB	154, 144, 140
Decimal	10129292
CIELab	60.26, 3.54, 3.06
CIElCh	60, 4.675, 40.825
Yxy	28.4084, 0.3276, 0.3338
Android (android.graphics.Color)	4288319372 (0xFF9A8F8C)
YUV	145.9470, -2.9319, 7.0625
Hunter-Lab	53.2995, 0.1042, 5.2453

Details

The XYZ color **27.8825, 28.4084, 28.8247** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.7144, 30.0412, 34.9100**, and the grayscale version is **27.3100, 28.7323, 31.2894**.

A 20% lighter version of the original color is **55.7163, 57.2374, 59.1503**, and **11.3533, 11.4505, 11.2846** is the 20% darker color. If you saturate the color by 10%, you get **25.1066, 24.5482, 22.6836**, and if you desaturate by 10%, it is **31.0148, 32.7264, 35.8694**.

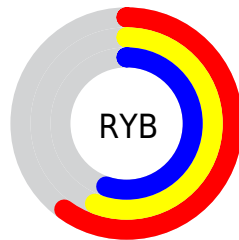
Distribution



Red (60%)

Green (56%)

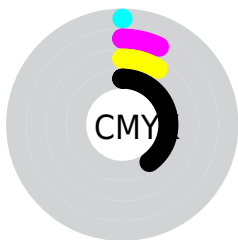
Blue (55%)



Red (60%)

Yellow (56%)

Blue (55%)

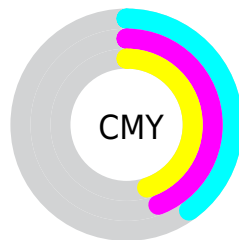


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (40%)



Cyan (40%)

Magenta (44%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8825, 28.4084, 28.8247 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 27.8825, 28.4084, 28.8247 by changing the saturation by 10% instead.

■ 27.8825, 28.4084,
28.8247

■ 27.8825, 28.4084,
28.8247

283.9953,
294.4133, 310.4220

■ 18.3771, 18.6337,
18.7038

■ 55.7067, 57.1358,
58.8373

■ 11.3224, 11.4059,
11.2818

■ 74.7563, 76.8574,
79.5661

■ 6.3530, 6.3406,
6.1402

■ 97.7180, 100.6633,
104.6680

■ 3.1036, 3.0533,
2.8603

124.9571,
128.9381, 134.5614

■ 1.2088, 1.1596,
1.0238

156.8390,
162.0661, 169.6650

■ 0.1133, 0.0283,
0.0000

193.7292,

■ 0.0000, 0.0000,

200.4317, 210.3973

0.0000

235.9928,
244.4193, 257.1767

■ 27.8825, 28.4084,
28.8247

■ 27.8825, 28.4084,
28.8247

■ 25.1066, 24.5482,
22.6836

■ 31.0148, 32.7264,
35.8694

■ 22.6720, 21.1271,
17.4077

■ 34.5132, 37.5126,
43.8504

■ 20.5659, 18.1304,
12.9584

■ 38.3900, 42.7821,
52.8010

■ 18.7739, 15.5414,
9.2936

■ 42.6563, 48.5479,
62.7523

■ 17.2804, 13.3423,
6.3673

■ 47.3224, 54.8226,
73.7342

■ 16.0686, 11.5136,
4.1287

■ 52.3987, 61.6183,
85.7750

■ 15.1196, 10.0346,
2.5208

■ 57.8949, 68.9468,
98.9022

■ 14.4122, 8.8819,
1.4769

■ 62.4714, 76.2798,
106.0386

■ 13.9101, 8.0248,
0.8560

■ 66.1477, 83.6324,
107.2641

Harmonies

Analogous

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



28.1487, 28.4084, 30.3164



27.8825, 28.4084, 28.8247



27.3815, 28.4084, 27.9191

Triad

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



27.8825, 28.4084, 28.8247



25.9278, 28.4084, 29.8609



27.2183, 28.4084, 34.2870

Complementary

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



27.8825, 28.4084, 28.8247



27.7144, 30.0412, 34.9100

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.



26.6247, 28.4084, 34.1540



27.8825, 28.4084, 28.8247



25.8855, 28.4084, 31.5557

Square

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



27.8825, 28.4084, 28.8247



26.2552, 28.4084, 28.5019



26.1389, 28.4084, 33.1394



27.7615, 28.4084, 33.4963

Rectangle

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



27.8825, 28.4084, 28.8247



26.9847, 28.4084, 27.7488



26.1389, 28.4084, 33.1394



27.0179, 28.4084, 34.3496

Sweetspot

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



27.8833, 28.4096, 28.8253



54.0038, 56.2362, 59.8794



28.3070, 27.8674, 33.2507



12.1228, 12.5900, 13.3267



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.



27.8833, 28.4096, 28.8253



49.5242, 50.0455, 49.8516



28.9348, 30.5127, 29.1758



6.3109, 6.4269, 6.5137



11.3238, 6.5300, 0.6636



0.1920, 0.1430, 0.0175

Inverse Universe

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



27.7144, 30.0412, 34.9100



49.1508, 53.6516, 63.3016



26.6519, 27.9161, 34.5558



6.2721, 6.8016, 7.9112



10.3460, 13.0887, 26.8888



0.1797, 0.2458, 0.4103

Previews

White Background



This preview shows how the XYZ color 27.8825, 28.4084, 28.8247 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 27.8825, 28.4084, 28.8247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

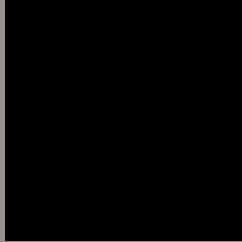
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.8825, 28.4084, 28.8247

Background



This preview shows how black text looks on a background with the XYZ color 27.8825, 28.4084, 28.8247.

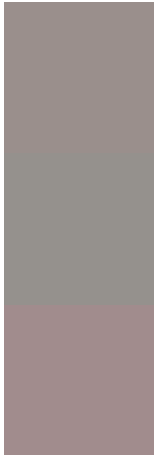


This preview shows how white text looks on a background with the XYZ color 27.8825, 28.4084,

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

27.8825, 28.4084, 28.8247

Protanopia

27.3275, 28.5634, 29.2723

Deuteranopia

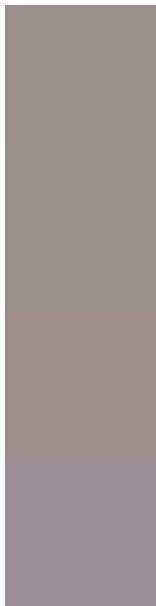
28.8837, 28.2563, 29.1310



Tritanopia

28.9027, 28.3847, 33.6612

Trichromacy



Original Color

27.8825, 28.4084, 28.8247

Protanomaly

27.5435, 28.4489, 29.2388

Deuteranomaly

28.4331, 28.2419, 29.1520

Tritanomaly

28.5359, 28.4527, 32.0049

Monochromacy



Original Color

27.8825, 28.4084, 28.8247

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.5539, 28.6540, 30.4641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8825, 28.4084, 28.8247 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(154, 143, 140) looks like.

```
.text, #text, p{  
    color:rgb(154, 143, 140)  
}
```

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(154, 143, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 143, 140) }
```

Border

The CSS property to change the border of an element to XYZ 27.8825, 28.4084, 28.8247 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(154, 143, 140) }
```


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

```
.border{ border-color:rgb(154, 143, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 143, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 143, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 143, 140);  
box-shadow:4px 4px 4px 4px rgb(154, 143,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8825, 28.4084, 28.8247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 143, 140) }
```

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

```
.background{ background-color: rgb(154,  
143, 140) }
```

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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