

Converting Colors

XYZ(26.9391, 27.8434, 27.4241)

Have a look what the booklet for
XYZ(26.9391, 27.8434, 27.4241)
contains.

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Color

**XYZ(27.0289, 28.0018,
27.2729)**

Conversions

Conversions Part 1

Format	Color
Hex	978F88
RGB	151, 143, 136
RGB Percent	59%, 56%, 53%
CMY	0.4078, 0.4392, 0.4667
CMYK	0.00, 0.05, 0.10, 0.41
HSL	28°, 7%, 56%
HSV	28°, 10%, 59%
XYZ	27.0289, 28.0018, 27.2729
YIQ	144.5940, 7.0150, -0.4810

Conversions

Conversions Part 2

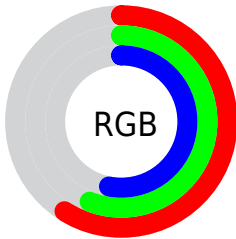
Format	Color
R_{YB}	151, 149, 136
Decimal	9932680
CIE _{Lab}	59.89, 1.69, 4.77
CIE _{LCh}	60, 5.062, 70.529
Yxy	28.0018, 0.3284, 0.3402
Android (android.graphics.Color)	4288122760 (0xFF978F88)
YUV	144.5940, -4.2368, 5.6181
Hunter-Lab	52.9167, -1.4297, 6.4841

Details

The XYZ color **27.0289, 28.0018, 27.2729** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7125, 27.4147, 33.2148**, and the grayscale version is **26.7643, 28.1581, 30.6642**.

A 20% lighter version of the original color is **54.3284, 56.5858, 56.2028**, and **10.8496, 11.2099, 10.3960** is the 20% darker color. If you saturate the color by 10%, you get **24.8652, 25.2723, 21.6249**, and if you desaturate by 10%, it is **29.4321, 30.9677, 33.7474**.

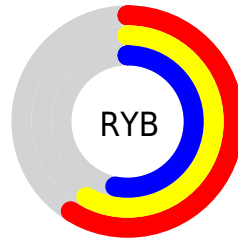
Distribution



Red (59%)

Green (56%)

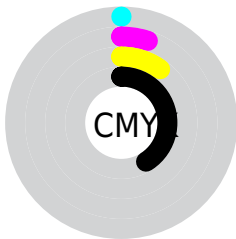
Blue (53%)



Red (59%)

Yellow (58%)

Blue (53%)

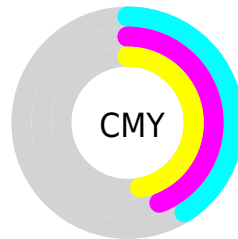


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (41%)



Cyan (41%)

Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0289, 28.0018, 27.2729 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 27.0289, 28.0018, 27.2729 by changing the saturation by 10% instead.

■ 27.0289, 28.0018,
27.2729

■ 27.0289, 28.0018,
27.2729

279.9620,
292.4755, 302.7779

■ 17.7316, 18.3270,
17.5440

■ 54.3498, 56.4873,
56.3305

■ 10.8560, 11.1850,
10.4571

■ 73.1041, 76.0668,
76.4964

■ 6.0367, 6.1914,
5.5935

■ 95.7415, 99.7167,
100.9783

■ 2.9083, 2.9618,
2.5348

122.6274,
127.8214, 130.1948

■ 1.1054, 1.1118,
0.8585

154.1270,
160.7652, 164.5645

■ 0.0297, 0.0000,
0.0000

190.6057,

■ 0.0000, 0.0000,

198.9326, 204.5059

0.0000

232.4289,
242.7079, 250.4375

■ 27.0289, 28.0018,
27.2729

■ 27.0289, 28.0018,
27.2729

■ 24.8652, 25.2723,
21.6249

■ 29.4321, 30.9677,
33.7474

■ 22.9306, 22.7694,
16.7679

■ 32.0802, 34.1723,
41.0784

■ 21.2173, 20.4880,
12.6663

■ 34.9813, 37.6224,
49.2965

■ 19.7161, 18.4212,
9.2815

■ 38.1423, 41.3234,
58.4304

■ 18.4170, 16.5619,
6.5708

■ 41.5700, 45.2807,
68.5073

■ 17.3093, 14.9025,
4.4874

■ 45.2707, 49.4992,
79.5534

■ 16.3807, 13.4345,
2.9783

■ 49.2507, 53.9840,
91.5938

■ 15.6174, 12.1487,
1.9813

■ 53.2245, 58.6232,
103.1179

■ 14.9878, 11.0289,
1.3417

■ 55.2301, 62.6343,
103.7864

Harmonies

Analogous

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



27.5652, 28.0018, 28.2468



27.0289, 28.0018, 27.2729



26.3897, 28.0018, 27.1405

Triad

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



27.0289, 28.0018, 27.2729



25.4184, 28.0018, 31.1404



27.4260, 28.0018, 33.2590

Complementary

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



27.0289, 28.0018, 27.2729



25.7125, 27.4147, 33.2148

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.



26.8413, 28.0018, 34.1026



27.0289, 28.0018, 27.2729



25.6866, 28.0018, 32.8472

Square

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



27.0289, 28.0018, 27.2729



25.4668, 28.0018, 29.3247



26.2051, 28.0018, 33.9489



27.7970, 28.0018, 31.6841

Rectangle

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



27.0289, 28.0018, 27.2729



25.9921, 28.0018, 27.5413



26.2051, 28.0018, 33.9489



27.2475, 28.0018, 33.6403

Sweetspot

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



27.0297, 28.0030, 27.2735



51.3170, 53.7532, 56.6496



26.6011, 26.2017, 30.0413



11.5872, 12.1232, 12.6686



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



27.0297, 28.0030, 27.2735



47.4749, 48.9846, 46.3805



28.1931, 30.3298, 27.6613



6.4346, 6.6743, 6.5550



12.7751, 9.4327, 1.1474



0.2269, 0.2129, 0.0291

Inverse Universe

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



25.7125, 27.4147, 33.2148



44.6127, 47.7061, 59.2905



24.6144, 25.2185, 32.8488



6.1434, 6.5442, 7.8683



7.2529, 6.9024, 25.8577



0.1448, 0.1760, 0.3987

Previews

White Background



This preview shows how the XYZ color 27.0289, 28.0018, 27.2729 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 27.0289, 28.0018, 27.2729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

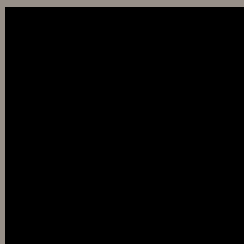
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

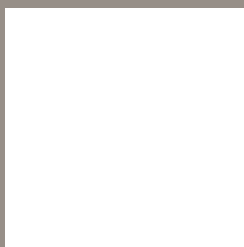
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0289, 28.0018, 27.2729

Background



This preview shows how black text looks on a background with the XYZ color 27.0289, 28.0018, 27.2729.



This preview shows how white text looks on a background with the XYZ color 27.0289, 28.0018,

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

27.0289, 28.0018, 27.2729

Protanopia

26.8116, 28.1137, 27.3059

Deuteranopia

28.4459, 27.8484, 27.5429



Tritanopia

28.3292, 28.0891, 33.6344

Trichromacy



Original Color

27.0289, 28.0018, 27.2729

Protanomaly

26.9949, 28.2081, 27.3145

Deuteranomaly

27.7981, 27.7304, 27.5543

Tritanomaly

27.8102, 28.0967, 31.1516

Monochromacy



Original Color

27.0289, 28.0018, 27.2729

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.8884, 28.1026, 29.5984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0289, 28.0018, 27.2729 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(151, 143, 136)` looks like.

```
.text, #text, p{  
    color:rgb(151, 143, 136)  
}
```

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(151, 143, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 143, 136) }
```

Border

The CSS property to change the border of an element to XYZ 27.0289, 28.0018, 27.2729 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(151, 143, 136) }
```


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

```
.border{ border-color:rgb(151, 143, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 143, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 143, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 143, 136);  
box-shadow:4px 4px 4px 4px rgb(151, 143,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0289, 28.0018, 27.2729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 143, 136) }
```

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

```
.background{ background-color: rgb(151,  
143, 136) }
```

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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