

Converting Colors

XYZ(27.7763, 27.6905, 28.8952)

Have a look what the booklet for
XYZ(27.7763, 27.6905, 28.8952)
contains.

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Color

**XYZ(27.8961, 27.7472,
29.0848)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8C8D
RGB	156, 140, 141
RGB Percent	61%, 55%, 55%
CMY	0.3882, 0.4510, 0.4471
CMYK	0.00, 0.10, 0.10, 0.39
HSL	356°, 7%, 58%
HSV	356°, 10%, 61%
XYZ	27.8961, 27.7472, 29.0848
YIQ	144.8980, 9.2150, 3.7030

Conversions

Conversions Part 2

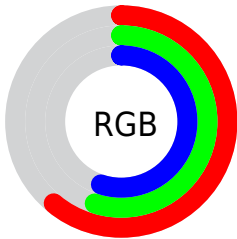
Format	Color
RYB	156, 140, 141
Decimal	10259597
CIELab	59.66, 6.16, 1.64
CIELCh	60, 6.377, 14.930
Yxy	27.7472, 0.3292, 0.3275
Android (android.graphics.Color)	4288449677 (0xFF9C8C8D)
YUV	144.8980, -1.9217, 9.7365
Hunter-Lab	52.6756, 2.3482, 4.1360

Details

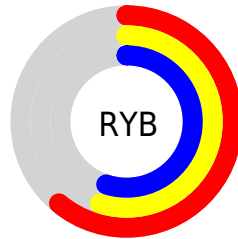
The XYZ color **27.8961, 27.7472, 29.0848** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.6211, 31.7196, 35.6259**, and the grayscale version is **26.8778, 28.2776, 30.7943**.

A 20% lighter version of the original color is **56.0061, 56.3726, 59.5589**, and **11.3702, 11.0709, 11.4352** is the 20% darker color. If you saturate the color by 10%, you get **24.7588, 23.1007, 23.0192**, and if you desaturate by 10%, it is **31.5019, 33.1000, 36.0165**.

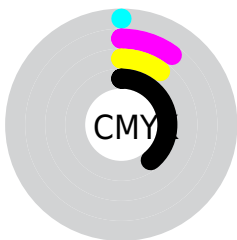
Distribution



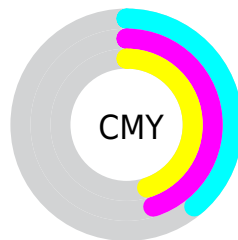
- Red (61%)
- Green (55%)
- Blue (55%)



- Red (61%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (10%)
- Yellow (10%)
- Black (39%)



- Cyan (39%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8961, 27.7472, 29.0848 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 27.8961, 27.7472, 29.0848 by changing the saturation by 10% instead.

■ 27.8961, 27.7472,
29.0848

■ 27.8961, 27.7472,
29.0848

284.0592,
291.2570, 311.6883

■ 18.3874, 18.1352,
18.8989

■ 55.7283, 56.0806,
59.2556

■ 11.3299, 11.0471,
11.4211

■ 74.7826, 75.5707,
80.0775

■ 6.3581, 6.0985,
6.2331

■ 97.7494, 99.1224,
105.2818

■ 3.1067, 2.9051,
2.9163

124.9941,
127.1199, 135.2871

■ 1.2105, 1.0824,
1.0520

156.8821,
159.9478, 170.5118

■ 0.1146, 0.0000,
0.0000

193.7787,

■ 0.0000, 0.0000,

197.9903, 211.3746

0.0000

236.0493,
241.6319, 258.2939

■ 27.8961, 27.7472,
29.0848

■ 27.8961, 27.7472,
29.0848

■ 24.7588, 23.1007,
23.0192

■ 31.5019, 33.1000,
36.0165

■ 22.0686, 19.1276,
17.7840

■ 35.5919, 39.1830,
43.8447

■ 19.8059, 15.7978,
13.3436

■ 40.1839, 46.0235,
52.6003

■ 17.9485, 13.0773,
9.6591

■ 45.2942, 53.6463,
62.3123

■ 16.4724, 10.9293,
6.6883

■ 50.9383, 62.0751,
73.0086

■ 15.3513, 9.3129,
4.3851

■ 57.1310, 71.3327,
84.7157

■ 14.5550, 8.1816,
2.6976

■ 63.8866, 81.4407,
97.4592

■ 14.0488, 7.4813,
1.5666

■ 67.5204, 85.8080,
107.6116

■ 13.7637, 7.0893,
0.9222

Harmonies

Analogous

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



27.8951, 27.7472, 31.3786



27.8961, 27.7472, 29.0848



27.4834, 27.7472, 27.1897

Triad

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



27.8961, 27.7472, 29.0848



25.2953, 27.7472, 27.1826



25.9727, 27.7472, 34.6953

Complementary

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



27.8961, 27.7472, 29.0848



28.6211, 31.7196, 35.6259

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.



25.2927, 27.7472, 33.4503



27.8961, 27.7472, 29.0848



24.9071, 27.7472, 29.0746

Square

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



27.8961, 27.7472, 29.0848



25.9763, 27.7472, 26.1300



24.9061, 27.7472, 31.3679



26.7735, 27.7472, 34.6984

Rectangle

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



27.8961, 27.7472, 29.0848



27.0338, 27.7472, 26.3739



24.9061, 27.7472, 31.3679



25.7228, 27.7472, 34.4055

Sweetspot

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



27.8969, 27.7484, 29.0854



55.2917, 57.2600, 61.7224



28.8844, 28.1197, 35.3580



12.0525, 12.4303, 13.3625



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.



27.8969, 27.7484, 29.0854



49.4716, 48.6245, 50.5188



28.8681, 29.8090, 29.0447



6.6490, 6.6525, 7.0027



11.3419, 5.8413, 0.7853



0.2071, 0.1062, 0.0370

Inverse Universe

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



27.8969, 27.7484, 29.0854



49.4716, 48.6245, 50.5188



27.5750, 29.4928, 35.6921



6.6490, 6.6525, 7.0027



11.3419, 5.8413, 0.7853



0.2071, 0.1062, 0.0370

Previews

White Background



This preview shows how the XYZ color 27.8961, 27.7472, 29.0848 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 27.8961, 27.7472, 29.0848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

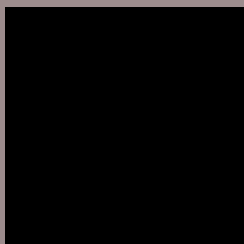
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

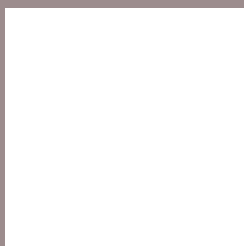
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8961, 27.7472, 29.0848

Background



This preview shows how black text looks on a background with the XYZ color 27.8961, 27.7472, 29.0848.



This preview shows how white text looks on a background with the XYZ color 27.8961, 27.7472,

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

27.8961, 27.7472, 29.0848

Protanopia

26.6344, 27.7391, 29.9370

Deuteranopia

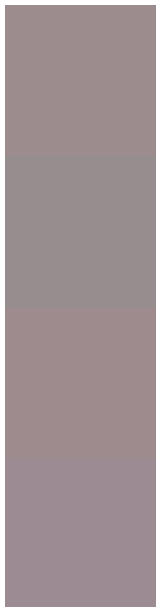
28.3384, 27.7593, 29.0638



Tritanopia

28.6423, 27.8353, 32.7173

Trichromacy



Original Color

27.8961, 27.7472, 29.0848

Protanomaly

27.1332, 27.7830, 29.5238

Deuteranomaly

28.1409, 27.6574, 29.0545

Tritanomaly

28.4037, 27.7399, 31.4611

Monochromacy



Original Color

27.8961, 27.7472, 29.0848

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.2509, 28.0481, 30.3631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8961, 27.7472, 29.0848 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(156, 140, 141)` looks like.

```
.text, #text, p{  
    color:rgb(156, 140, 141)  
}
```

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(156, 140, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 140, 141) }
```

Border

The CSS property to change the border of an element to XYZ 27.8961, 27.7472, 29.0848 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(156, 140, 141) }
```


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

```
.border{ border-color:rgb(156, 140, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 140, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 140, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 140, 141);  
box-shadow:4px 4px 4px 4px rgb(156, 140,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8961, 27.7472, 29.0848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 140, 141) }
```

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

```
.background{ background-color: rgb(156,  
140, 141) }
```

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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