

Converting Colors

XYZ(27.8106, 28.3556, 30.1128)

Have a look what the booklet for
XYZ(27.8106, 28.3556, 30.1128)
contains.

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Color

**XYZ(27.7293, 28.3035,
29.9882)**

Conversions

Conversions Part 1

Format	Color
Hex	988F8F
RGB	152, 143, 143
RGB Percent	60%, 56%, 56%
CMY	0.4039, 0.4392, 0.4392
CMYK	0.00, 0.06, 0.06, 0.40
HSL	0°, 4%, 58%
HSV	0°, 6%, 60%
XYZ	27.7293, 28.3035, 29.9882
YIQ	145.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

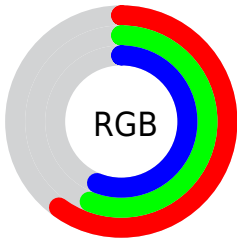
Format	Color
R_{YB}	152, 143, 143
Decimal	9998223
CIE Lab	60.16, 3.33, 1.19
CIE LCh	60, 3.538, 19.633
Yxy	28.3035, 0.3224, 0.3290
Android (android.graphics.Color)	4288188303 (0xFF988F8F)
YUV	145.6910, -1.3267, 5.5330
Hunter-Lab	53.2010, -0.0645, 3.8203

Details

The XYZ color **27.7293, 28.3035, 29.9882** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.2234, 30.5626, 34.1178**, and the grayscale version is **27.1995, 28.6160, 31.1629**.

A 20% lighter version of the original color is **55.4979, 57.0855, 60.9169**, and **11.2570, 11.3857, 11.9603** is the 20% darker color. If you saturate the color by 10%, you get **24.5265, 23.6171, 23.6193**, and if you desaturate by 10%, it is **31.3988, 33.6728, 37.2832**.

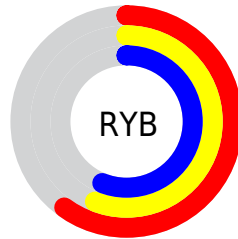
Distribution



Red (60%)

Green (56%)

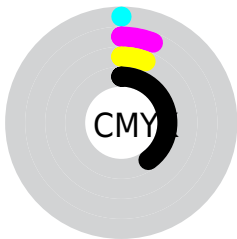
Blue (56%)



Red (60%)

Yellow (56%)

Blue (56%)

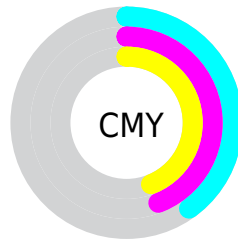


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (40%)



Cyan (40%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7293, 28.3035, 29.9882 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 27.7293, 28.3035, 29.9882 by changing the saturation by 10% instead.

■ 27.7293, 28.3035,
29.9882

■ 27.7293, 28.3035,
29.9882

283.2747,
293.9143, 316.0550

■ 18.2611, 18.5546,
19.5777

■ 55.4636, 56.9686,
60.7043

■ 11.2384, 11.3489,
11.9074

■ 74.4605, 76.6536,
81.8469

■ 6.2959, 6.3020,
6.5589

■ 97.3643, 100.4194,
107.4040

■ 3.0682, 3.0296,
3.1136

124.5404,
128.6504, 137.7941

■ 1.1899, 1.1472,
1.1529

156.3541,
161.7310, 173.4357

■ 0.0984, 0.0179,
0.0000

193.1708,

■ 0.0000, 0.0000,

200.0456, 214.7474

0.0000

235.3559,
243.9786, 262.1476

■ 27.7293, 28.3035,
29.9882

■ 27.7293, 28.3035,
29.9882

■ 24.5265, 23.6171,
23.6193

■ 31.3988, 33.6728,
37.2832

■ 21.7693, 19.5828,
18.1377

■ 35.5501, 39.7469,
45.5372

■ 19.4389, 16.1728,
13.5046

■ 40.2007, 46.5514,
54.7840

■ 17.5138, 13.3559,
9.6776

■ 45.3662, 54.1094,
65.0550

■ 15.9709, 11.0982,
6.6107

■ 51.0620, 62.4431,
76.3803

■ 14.7849, 9.3626,
4.2532

■ 57.3024, 71.5737,
88.7887

■ 13.9271, 8.1071,
2.5483

■ 64.1014, 81.5215,
102.3081

■ 13.3645, 7.2838,
1.4306

■ 66.7591, 85.4155,
107.5760

■ 13.0508, 6.8246,
0.8075

Harmonies

Analogous

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



27.7664, 28.3035, 31.2682



27.7293, 28.3035, 29.9882



27.4690, 28.3035, 28.9582

Triad

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



27.7293, 28.3035, 29.9882



26.2443, 28.3035, 29.2321



26.7454, 28.3035, 33.3339

Complementary

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



27.7293, 28.3035, 29.9882



28.2234, 30.5626, 34.1178

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.



26.3421, 28.3035, 32.7551



27.7293, 28.3035, 29.9882



26.0550, 28.3035, 30.3715

Square

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



27.7293, 28.3035, 29.9882



26.6104, 28.3035, 28.5303



26.0906, 28.3035, 31.6624



27.1950, 28.3035, 33.2242

Rectangle

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



27.7293, 28.3035, 29.9882



27.2055, 28.3035, 28.5406



26.0906, 28.3035, 31.6624



26.6000, 28.3035, 33.2128

Sweetspot

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



27.7301, 28.3047, 29.9888



51.3604, 53.4931, 57.7335



28.4393, 28.5877, 33.7253



11.6916, 12.1847, 13.1580



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.



27.7301, 28.3047, 29.9888



48.2154, 48.8914, 51.4805



28.4189, 29.6823, 30.2184



6.3520, 6.4323, 6.7642



10.8579, 5.5981, 0.5083



0.1624, 0.0838, 0.0076

Inverse Universe

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



28.2234, 30.5626, 34.1178



49.2564, 53.6565, 60.1943



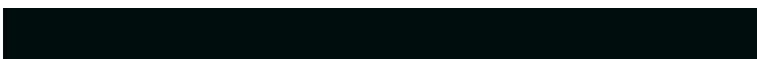
27.5072, 29.1303, 33.8791



6.4941, 7.0828, 7.9538



14.1604, 20.7175, 28.1603



0.2117, 0.3098, 0.4210

Previews

White Background



This preview shows how the XYZ color 27.7293, 28.3035, 29.9882 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 27.7293, 28.3035, 29.9882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

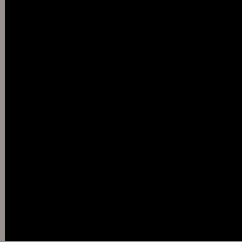
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7293, 28.3035, 29.9882

Background



This preview shows how black text looks on a background with the XYZ color 27.7293, 28.3035, 29.9882.



This preview shows how white text looks on a background with the XYZ color 27.7293, 28.3035,

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

27.7293, 28.3035, 29.9882

Protanopia

27.2200, 28.2560, 30.4049

Deuteranopia

28.7102, 28.1407, 30.3041



Tritanopia

28.5596, 28.4182, 34.1170

Trichromacy



Original Color

27.7293, 28.3035, 29.9882

Protanomaly

27.4017, 28.3497, 30.4134

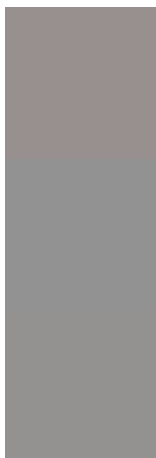
Deuteranomaly

28.2692, 28.1313, 30.3255

Tritanomaly

28.2347, 28.2882, 32.4058

Monochromacy



Original Color

27.7293, 28.3035, 29.9882

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.4490, 28.5910, 30.8600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7293, 28.3035, 29.9882 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(152, 143, 143) looks like.

```
.text, #text, p{  
    color:rgb(152, 143, 143)  
}
```

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(152, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 143, 143) }
```

Border

The CSS property to change the border of an element to XYZ 27.7293, 28.3035, 29.9882 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(152, 143, 143) }
```


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

```
.border{ border-color:rgb(152, 143, 143) }
```

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

Here you see how a box with a 4 pixel rgb(152, 143, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(152, 143,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7293, 28.3035, 29.9882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 143, 143) }
```

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

```
.background{ background-color: rgb(152,  
143, 143) }
```

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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