

Converting Colors

XYZ(27.8882, 29.3186, 28.9489)

Have a look what the booklet for
XYZ(27.8882, 29.3186, 28.9489)
contains.

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Color

**XYZ(27.9298, 29.3402,
29.0021)**

Conversions

Conversions Part 1

Format	Color
Hex	97938C
RGB	151, 147, 140
RGB Percent	59%, 58%, 55%
CMY	0.4078, 0.4235, 0.4510
CMYK	0.00, 0.03, 0.07, 0.41
HSL	38°, 5%, 57%
HSV	38°, 7%, 59%
XYZ	27.9298, 29.3402, 29.0021
YIQ	147.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

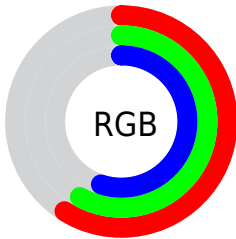
Format	Color
R_{YB}	146, 151, 140
Decimal	9933708
CIE _{Lab}	61.08, 0.17, 4.22
CIE _{LCh}	61, 4.219, 87.691
Yxy	29.3402, 0.3237, 0.3401
Android (android.graphics.Color)	4288123788 (0xFF97938C)
YUV	147.3980, -3.6472, 3.1590
Hunter-Lab	54.1666, -2.7520, 6.1713

Details

The XYZ color **27.9298, 29.3402, 29.0021** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.3743, 27.7557, 33.2457**, and the grayscale version is **27.9119, 29.3655, 31.9791**.

A 20% lighter version of the original color is **55.8011, 58.6475, 59.4180**, and **11.3757, 11.9969, 11.3889** is the 20% darker color. If you saturate the color by 10%, you get **26.0593, 27.2602, 23.2572**, and if you desaturate by 10%, it is **29.9955, 31.5653, 35.5667**.

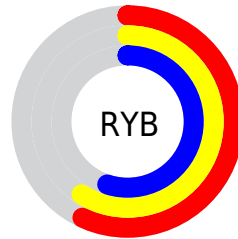
Distribution



Red (59%)

Green (58%)

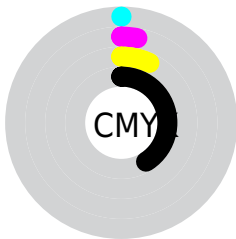
Blue (55%)



Red (57%)

Yellow (59%)

Blue (55%)

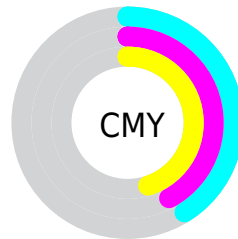


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (41%)



Cyan (41%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9298, 29.3402, 29.0021 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 27.9298, 29.3402, 29.0021 by changing the saturation by 10% instead.

■ 27.9298, 29.3402,
29.0021

■ 27.9298, 29.3402,
29.0021

284.2175,
298.8167, 311.2861

■ 18.4129, 19.3383,
18.8368

■ 55.7818, 58.6172,
59.1226

■ 11.3483, 11.9150,
11.3768

■ 74.8476, 78.6610,
79.9150

■ 6.3707, 6.6858,
6.2035

■ 97.8271, 102.8210,
105.0868

■ 3.1145, 3.2664,
2.8984

125.0857,
131.4816, 135.0565

■ 1.2146, 1.2723,
1.0430

156.9886,
165.0270, 170.2428

■ 0.1179, 0.1196,
0.0000

193.9013,

■ 0.0000, 0.0000,

203.8418, 211.0641

0.0000

236.1892,
248.3102, 257.9390

■ 27.9298, 29.3402,
29.0021

■ 27.9298, 29.3402,
29.0021

■ 26.0593, 27.2602,
23.2572

■ 29.9955, 31.5653,
35.5667

■ 24.3747, 25.3178,
18.2972

■ 32.2603, 33.9351,
42.9799

■ 22.8698, 23.5106,
14.0880

■ 34.7310, 36.4542,
51.2717

■ 21.5368, 21.8345,
10.5917

■ 37.4136, 39.1257,
60.4699

■ 20.3673, 20.2852,
7.7675

■ 40.3134, 41.9526,
70.6012

■ 19.3523, 18.8582,
5.5703

■ 43.4359, 44.9379,
81.6910

■ 18.4815, 17.5483,
3.9493

■ 46.7862, 48.0845,
93.7640

■ 17.7432, 16.3497,
2.8458

■ 49.4208, 51.0158,
101.8500

■ 17.1177, 15.2537,
2.1598

■ 50.6390, 53.4522,
102.2561

Harmonies

Analogous

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



28.4586, 29.3402, 29.4436



27.9298, 29.3402, 29.0021



27.3962, 29.3402, 29.3277

Triad

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



27.9298, 29.3402, 29.0021



26.9569, 29.3402, 33.3812



28.7945, 29.3402, 33.6003

Complementary

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



27.9298, 29.3402, 29.0021



26.3743, 27.7557, 33.2457

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.



28.3835, 29.3402, 34.7167



27.9298, 29.3402, 29.0021



27.3231, 29.3402, 34.5873

Square

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



27.9298, 29.3402, 29.0021



26.8390, 29.3402, 31.8241



27.8442, 29.3402, 35.0837



28.9619, 29.3402, 32.0692

Rectangle

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



27.9298, 29.3402, 29.0021



27.1088, 29.3402, 29.9421



27.8442, 29.3402, 35.0837



28.6800, 29.3402, 34.0384

Sweetspot

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



27.9306, 29.3415, 29.0027



51.9154, 54.6031, 57.9185



27.1775, 27.3505, 30.2460



11.8102, 12.4219, 13.1975



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.



27.9306, 29.3415, 29.0027



49.3584, 51.8206, 49.8785



28.2925, 30.4667, 29.2009



6.5201, 6.8452, 6.5834



14.4540, 12.7904, 1.7070



0.2504, 0.2599, 0.0370

Inverse Universe

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



26.3743, 27.7557, 33.2457



45.8896, 48.2864, 59.3352



26.0284, 26.6947, 33.0591



6.0591, 6.3755, 7.8402



5.9341, 4.2649, 25.4182



0.1213, 0.1290, 0.3909

Previews

White Background



This preview shows how the XYZ color 27.9298, 29.3402, 29.0021 looks on a white background.

Color Contrast Check

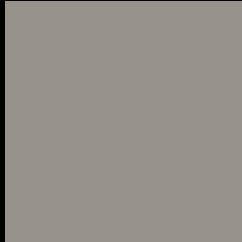
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9298, 29.3402, 29.0021 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

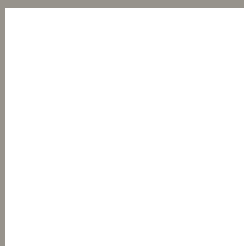
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9298, 29.3402, 29.0021

Background



This preview shows how black text looks on a background with the XYZ color 27.9298, 29.3402, 29.0021.



This preview shows how white text looks on a background with the XYZ color 27.9298, 29.3402,

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

27.9298, 29.3402, 29.0021

Protanopia

28.1162, 29.4363, 29.0108

Deuteranopia

29.7906, 29.1616, 29.2579



Tritanopia

29.2630, 29.4234, 35.5894

Trichromacy



Original Color

27.9298, 29.3402, 29.0021

Protanomaly

28.1162, 29.4363, 29.0108

Deuteranomaly

29.0791, 29.2405, 29.3107

Tritanomaly

28.7328, 29.4352, 33.0213

Monochromacy



Original Color

27.9298, 29.3402, 29.0021

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.6805, 29.1770, 30.5584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9298, 29.3402, 29.0021 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, 147, 140)` looks like.

```
.text, #text, p{  
    color:rgb(151, 147, 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(151, 147, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 147, 140) }
```

Border

The CSS property to change the border of an element to XYZ 27.9298, 29.3402, 29.0021 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, 147, 140) }
```


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

```
.border{ border-color:rgb(151, 147, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 147, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 147, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 147, 140);  
box-shadow:4px 4px 4px 4px rgb(151, 147,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9298, 29.3402, 29.0021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 147, 140) }
```

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

```
.background{ background-color: rgb(151,  
147, 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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