

Converting Colors

XYZ(29.3810, 28.0388, 31.0576)

Have a look what the booklet for
XYZ(29.3810, 28.0388, 31.0576)
contains.

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Color

**XYZ(29.3810, 28.0388,
31.0576)**

Conversions

Conversions Part 1

Format	Color
Hex	A38A92
RGB	163, 138, 146
RGB Percent	64%, 54%, 57%
CMY	0.3608, 0.4588, 0.4274
CMYK	0.00, 0.15, 0.10, 0.36
HSL	341°, 12%, 59%
HSV	341°, 15%, 64%
XYZ	29.3810, 28.0388, 31.0576
YIQ	146.3870, 12.3320, 7.7880

Conversions

Conversions Part 2

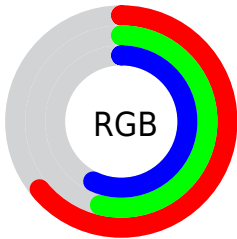
Format	Color
RYB	163, 138, 146
Decimal	10717842
CIELab	59.92, 10.82, -0.75
CIElCh	60, 10.843, 356.031
Yxy	28.0388, 0.3321, 0.3169
Android (android.graphics.Color)	4288907922 (0xFFA38A92)
YUV	146.3870, -0.1908, 14.5696
Hunter-Lab	52.9517, 6.3779, 2.2910

Details

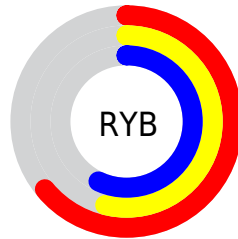
The XYZ color **29.3810, 28.0388, 31.0576** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4959, 33.9649, 36.0132**, and the grayscale version is **27.4783, 28.9093, 31.4822**.

A 20% lighter version of the original color is **57.9696, 56.3372, 62.4624**, and **12.1566, 11.2035, 12.5881** is the 20% darker color. If you saturate the color by 10%, you get **26.3948, 23.3800, 26.0122**, and if you desaturate by 10%, it is **32.8034, 33.4356, 36.6617**.

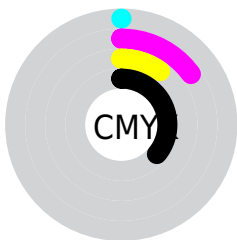
Distribution



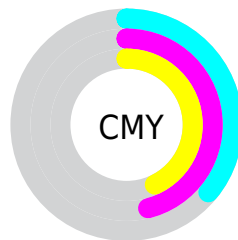
- Red (64%)
- Green (54%)
- Blue (57%)



- Red (64%)
- Yellow (54%)
- Blue (57%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (36%)



- Cyan (36%)
- Magenta (46%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3810, 28.0388, 31.0576 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 29.3810, 28.0388, 31.0576 by changing the saturation by 10% instead.

■ 29.3810, 28.0388,
31.0576

■ 29.3810, 28.0388,
31.0576

290.9703,
292.6523, 321.1630

■ 19.5150, 18.3549,
20.3839

■ 58.0753, 56.5464,
62.4114

■ 12.1492, 11.2051,
12.4876

■ 77.6342, 76.1389,
83.9285

■ 6.9183, 6.2050,
6.9501

■ 101.1548, 99.8030,
109.8972

■ 3.4569, 2.9701,
3.3529

129.0024,
127.9232, 140.7360

■ 1.3997, 1.1161,
1.2775

161.5424,
160.8838, 176.8635

■ 0.2560, 0.0000,
0.0433

199.1401,

■ 0.0000, 0.0000,

199.0693, 218.6981

0.0000

242.1610,
242.8640, 266.6584

■ 29.3810, 28.0388,
31.0576

■ 29.3810, 28.0388,
31.0576

■ 26.3948, 23.3800,
26.0122

■ 32.8034, 33.4356,
36.6617

■ 23.8245, 19.4232,
21.5059

■ 36.6765, 39.5966,
42.8395

■ 21.6517, 16.1352,
17.5209

■ 41.0171, 46.5517,
49.6077

■ 19.8555, 13.4785,
14.0372

■ 45.8403, 54.3277,
56.9817

■ 18.4131, 11.4120,
11.0338

■ 51.1606, 62.9503,
64.9765

■ 17.2992, 9.8896,
8.4879

■ 56.9920, 72.4443,
73.6064

■ 16.4848, 8.8582,
6.3746

■ 63.3476, 82.8330,
82.8851

■ 15.9334, 8.2502,
4.6654

■ 65.8140, 85.2865,
91.3508

■ 15.7275, 8.0358,
3.9884

■ 67.4634, 85.9462,
100.0363

Harmonies

Analogous

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



28.9079, 28.0388, 34.9676



29.3810, 28.0388, 31.0576



29.1019, 28.0388, 27.3196

Triad

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



29.3810, 28.0388, 31.0576



25.5043, 28.0388, 24.2073



25.1972, 28.0388, 37.2634

Complementary

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



29.3810, 28.0388, 31.0576



29.4959, 33.9649, 36.0132

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.



24.3399, 28.0388, 33.9814



29.3810, 28.0388, 31.0576



24.5129, 28.0388, 26.4837

Square

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



29.3810, 28.0388, 31.0576



26.8338, 28.0388, 23.5693



24.0938, 28.0388, 30.0074



26.4671, 28.0388, 38.7405

Rectangle

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



29.3810, 28.0388, 31.0576



28.5318, 28.0388, 25.3884



24.0938, 28.0388, 30.0074



24.8529, 28.0388, 36.3216

Sweetspot

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



29.3818, 28.0400, 31.0582



58.9065, 60.1313, 65.9139



29.1540, 27.7583, 38.4719



13.1322, 13.3500, 14.6457



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.3818, 28.0400, 31.0582



50.9358, 47.5789, 52.8092



29.3904, 29.0183, 28.0983



7.1628, 7.1216, 7.8438



12.2419, 6.2528, 3.1985



0.2779, 0.1397, 0.1763

Inverse Universe

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



29.3818, 28.0400, 31.0582



50.9358, 47.5789, 52.8092



29.4625, 32.7873, 39.4263



7.1628, 7.1216, 7.8438



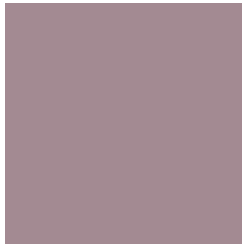
12.2419, 6.2528, 3.1985



0.2779, 0.1397, 0.1763

Previews

White Background



This preview shows how the XYZ color 29.3810, 28.0388, 31.0576 looks on a white background.

Color Contrast Check

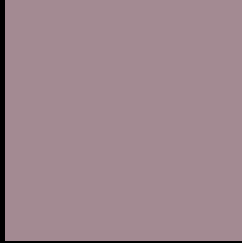
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3810, 28.0388, 31.0576 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 29.3810, 28.0388, 31.0576

Background



This preview shows how black text looks on a background with the XYZ color 29.3810, 28.0388, 31.0576.



This preview shows how white text looks on a background with the XYZ color 29.3810, 28.0388,

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

29.3810, 28.0388, 31.0576

Protanopia

27.2521, 28.2274, 32.4459

Deuteranopia

28.6669, 28.1006, 31.1072



Tritanopia

29.5380, 28.1016, 31.8843

Trichromacy



Original Color

29.3810, 28.0388, 31.0576

Protanomaly

27.9672, 28.1595, 31.9783

Deuteranomaly

28.9181, 28.0141, 31.0772

Tritanomaly

29.4592, 28.0701, 31.4692

Monochromacy



Original Color

29.3810, 28.0388, 31.0576

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.9597, 28.3956, 31.2014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3810, 28.0388, 31.0576 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(163, 138, 146)` looks like.

```
.text, #text, p{  
    color:rgb(163, 138, 146)  
}
```

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(163, 138, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 138, 146) }
```

Border

The CSS property to change the border of an element to XYZ 29.3810, 28.0388, 31.0576 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(163, 138, 146) }
```


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

```
.border{ border-color:rgb(163, 138, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 138, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 138, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 138, 146);  
box-shadow:4px 4px 4px 4px rgb(163, 138,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3810, 28.0388, 31.0576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 138, 146) }
```

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

```
.background{ background-color: rgb(163,  
138, 146) }
```

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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