

Converting Colors

XYZ(31.4516, 31.8915, 38.6389)

Have a look what the booklet for
XYZ(31.4516, 31.8915, 38.6389)
contains.

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Color

**XYZ(31.4928, 31.9100,
38.6818)**

Conversions

Conversions Part 1

Format	Color
Hex	9D97A2
RGB	157, 151, 162
RGB Percent	62%, 59%, 64%
CMY	0.3843, 0.4078, 0.3647
CMYK	0.03, 0.07, 0.00, 0.36
HSL	273°, 6%, 61%
HSV	273°, 7%, 64%
XYZ	31.4928, 31.9100, 38.6818
YIQ	154.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

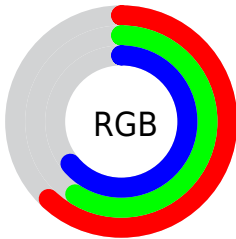
Format	Color
RYB	157, 151, 162
Decimal	10327970
CIELab	63.27, 4.31, -4.98
CIELCh	63, 6.588, 310.906
Yxy	31.9100, 0.3085, 0.3126
Android (android.graphics.Color)	4288518050 (0xFF9D97A2)
YUV	154.0480, 3.9203, 2.5889
Hunter-Lab	56.4889, 0.6588, -1.0576

Details

The XYZ color **31.4928, 31.9100, 38.6818** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2179, 35.1438, 34.3652**, and the grayscale version is **30.7204, 32.3202, 35.1967**.

A 20% lighter version of the original color is **61.5071, 62.6694, 74.5003**, and **13.3155, 13.3043, 16.6180** is the 20% darker color. If you saturate the color by 10%, you get **27.6689, 26.3314, 37.8070**, and if you desaturate by 10%, it is **35.7635, 38.2525, 39.6814**.

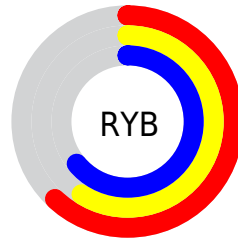
Distribution



Red (62%)

Green (59%)

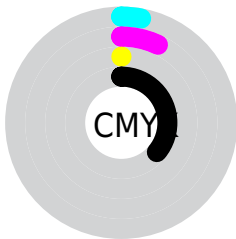
Blue (64%)



Red (62%)

Yellow (59%)

Blue (64%)

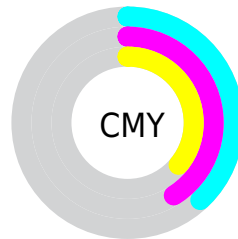


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (36%)



Cyan (38%)

Magenta (41%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4928, 31.9100, 38.6818 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 31.4928, 31.9100, 38.6818 by changing the saturation by 10% instead.

■ 31.4928, 31.9100,
38.6818

■ 31.4928, 31.9100,
38.6818

300.5888,
310.7091, 355.9212

■ 21.1281, 21.2928,
26.2064

■ 61.3857, 62.6700,
74.3669

■ 13.3306, 13.3382,
16.7509

■ 81.6445, 83.5815,
98.4137

■ 7.7352, 7.6618,
9.8970

105.9321,
108.6932, 127.1547

■ 3.9763, 3.8793,
5.2260

134.6138,
138.3896, 161.0084

■ 1.6888, 1.6063,
2.3194

168.0550,
173.0550, 200.3933

■ 0.4492, 0.3618,
0.7421

206.6210,

■ 0.0000, 0.0000,

213.0737, 245.7281

0.0000

250.6771,
258.8303, 297.4312

■ 31.4928, 31.9100,
38.6818

■ 31.4928, 31.9100,
38.6818

■ 27.6689, 26.3314,
37.8070

■ 35.7635, 38.2525,
39.6814

■ 24.2730, 21.4828,
37.0502

■ 40.4933, 45.3831,
40.8085

■ 21.2889, 17.3338,
36.4066

■ 45.6976, 53.3296,
42.0680

■ 18.6984, 13.8502,
35.8707

■ 51.3902, 62.1176,
43.4642

■ 16.4816, 10.9948,
35.4364

■ 57.5842, 71.7713,
45.0011

■ 14.6168, 8.7266,
35.0969

■ 64.2922, 82.3141,
46.6825

■ 13.0796, 6.9996,
34.8446

■ 68.4525, 87.6202,
47.4875

■ 11.8423, 5.7607,
34.6707

■ 70.5793, 88.7166,
47.5870

■ 10.8638, 4.9309,
34.5621

■ 72.8038, 89.8634,
47.6911

Harmonies

Analogous

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



30.6626, 31.9100, 39.9152



31.4928, 31.9100, 38.6818



32.0177, 31.9100, 36.4142

Triad

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



31.4928, 31.9100, 38.6818



30.9070, 31.9100, 30.2098



28.6393, 31.9100, 35.7038

Complementary

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



31.4928, 31.9100, 38.6818



32.2179, 35.1438, 34.3652

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.



28.7017, 31.9100, 33.1268



31.4928, 31.9100, 38.6818



29.9988, 31.9100, 30.0409

Square

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



31.4928, 31.9100, 38.6818



31.6748, 31.9100, 31.5574



29.1952, 31.9100, 31.0840



29.0228, 31.9100, 38.1394

Rectangle

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



31.4928, 31.9100, 38.6818



32.1176, 31.9100, 34.6652



29.1952, 31.9100, 31.0840



28.6090, 31.9100, 34.8240

Sweetspot

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



31.4937, 31.9114, 38.6825



60.7537, 63.2252, 71.0577



31.1962, 33.0109, 38.9104



13.6653, 14.2301, 15.9640



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.



31.4937, 31.9114, 38.6825



56.1800, 56.4703, 69.9950



32.4569, 32.4116, 38.5577



7.0522, 7.0413, 8.8905



8.3842, 3.7287, 27.2076



0.2298, 0.1060, 0.5742

Inverse Universe

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



31.9689, 32.2164, 35.9878



57.2126, 57.1331, 64.1485



31.2998, 34.6671, 34.4779



7.2014, 7.1370, 8.0470



12.7248, 6.4460, 5.7414



0.2911, 0.1449, 0.2457

Previews

White Background



This preview shows how the XYZ color 31.4928, 31.9100, 38.6818 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 31.4928, 31.9100, 38.6818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

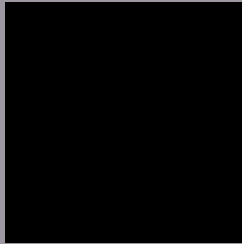
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

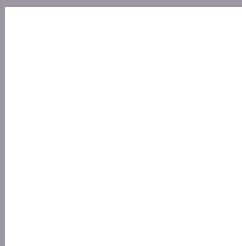
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.4928, 31.9100, 38.6818

Background



This preview shows how black text looks on a background with the XYZ color 31.4928, 31.9100, 38.6818.



This preview shows how white text looks on a background with the XYZ color 31.4928, 31.9100,

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

31.4928, 31.9100, 38.6818

Protanopia

30.9760, 31.8731, 39.1698

Deuteranopia

32.5789, 31.9960, 38.6412



Tritanopia

31.5821, 31.9457, 39.1519

Trichromacy



Original Color

31.4928, 31.9100, 38.6818

Protanomaly

31.1655, 31.9708, 39.1787

Deuteranomaly

32.1259, 31.9984, 38.6655

Tritanomaly

31.5821, 31.9457, 39.1519

Monochromacy



Original Color

31.4928, 31.9100, 38.6818

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.9946, 32.1853, 36.4771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4928, 31.9100, 38.6818 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(157, 151, 162)` looks like.

```
.text, #text, p{  
    color:rgb(157, 151, 162)  
}
```

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(157, 151, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 151, 162) }
```

Border

The CSS property to change the border of an element to XYZ 31.4928, 31.9100, 38.6818 is called "border". The border property can be set on classes, ids or directly on the HTML element.

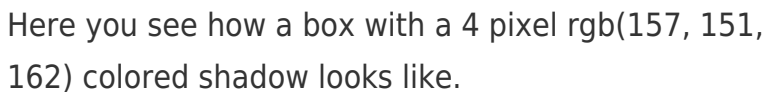
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 151, 162) }
```


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

```
.border{ border-color:rgb(157, 151, 162) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 151, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 151, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 151, 162); box-shadow:4px 4px 4px 4px rgb(157, 151, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4928, 31.9100, 38.6818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 151, 162) }
```

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

```
.background{ background-color: rgb(157,  
151, 162) }
```

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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