

Converting Colors

XYZ(31.5125, 31.1658, 38.8129)

Have a look what the booklet for
XYZ(31.5125, 31.1658, 38.8129)
contains.

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Color

**XYZ(31.4988, 31.1951,
39.0114)**

Conversions

Conversions Part 1

Format	Color
Hex	9F94A3
RGB	159, 148, 163
RGB Percent	62%, 58%, 64%
CMY	0.3765, 0.4196, 0.3608
CMYK	0.02, 0.09, 0.00, 0.36
HSL	284°, 8%, 61%
HSV	284°, 9%, 64%
XYZ	31.4988, 31.1951, 39.0114
YIQ	152.9990, 1.7410, 6.9970

Conversions

Conversions Part 2

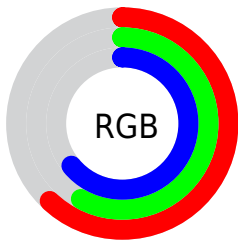
Format	Color
R _Y B	159, 148, 163
Decimal	10458275
CIE Lab	62.67, 6.91, -6.41
CIE LCh	63, 9.422, 317.142
Yxy	31.1951, 0.3097, 0.3067
Android (android.graphics.Color)	4288648355 (0xFF9F94A3)
YUV	152.9990, 4.9305, 5.2629
Hunter-Lab	55.8526, 2.9254, -2.3155

Details

The XYZ color **31.4988, 31.1951, 39.0114** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3926, 35.0088, 33.1214**, and the grayscale version is **30.2573, 31.8330, 34.6662**.

A 20% lighter version of the original color is **61.5070, 61.5992, 74.9777**, and **13.3283, 12.8852, 16.8235** is the 20% darker color. If you saturate the color by 10%, you get **28.2732, 26.0010, 38.1793**, and if you desaturate by 10%, it is **35.1166, 37.1276, 39.9663**.

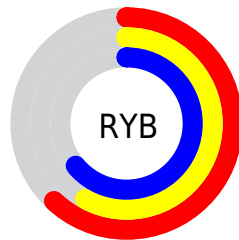
Distribution



Red (62%)

Green (58%)

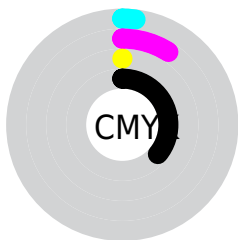
Blue (64%)



Red (62%)

Yellow (58%)

Blue (64%)

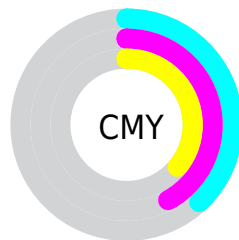


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (36%)



Cyan (38%)

Magenta (42%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4988, 31.1951, 39.0114 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 31.4988, 31.1951, 39.0114 by changing the saturation by 10% instead.

■ 31.4988, 31.1951,
39.0114

■ 31.4988, 31.1951,
39.0114

300.6158,
307.4361, 357.3664

■ 21.1327, 20.7475,
26.4607

■ 61.3950, 61.5471,
74.8763

■ 13.3340, 12.9395,
16.9398

■ 81.6559, 82.2203,
99.0275

■ 7.7375, 7.3869,
10.0300

105.9456,
107.0707, 127.8827

■ 3.9779, 3.7052,
5.3130

134.6296,
136.4828, 161.8603

■ 1.6896, 1.5101,
2.3701

168.0733,
170.8411, 201.3790

■ 0.4498, 0.2958,
0.7701

206.6420,

■ 0.0000, 0.0000,

210.5297, 246.8572

0.0000

250.7010,
255.9333, 298.7135

■ 31.4988, 31.1951,
39.0114

■ 31.4988, 31.1951,
39.0114

■ 28.2732, 26.0010,
38.1793

■ 35.1166, 37.1276,
39.9663

■ 25.4218, 21.5112,
37.4630

■ 39.1383, 43.8229,
41.0466

■ 22.9292, 17.6948,
36.8577

■ 43.5783, 51.3090,
42.2576

■ 20.7778, 14.5172,
36.3578

■ 48.4498, 59.6115,
43.6034

■ 18.9483, 11.9405,
35.9568

■ 53.7650, 68.7548,
45.0881

■ 17.4197, 9.9226,
35.6479

■ 59.5358, 78.7621,
46.7155

■ 16.1679, 8.4162,
35.4231

■ 63.4652, 85.0388,
47.7200

■ 15.1648, 7.3657,
35.2732

■ 64.5632, 85.6049,
47.7713

■ 14.3531, 6.6566,
35.1791

■ 65.6939, 86.1878,
47.8243

Harmonies

Analogous

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



30.3844, 31.1951, 41.1884



31.4988, 31.1951, 39.0114



32.1253, 31.1951, 35.5657

Triad

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



31.4988, 31.1951, 39.0114



30.2034, 31.1951, 27.5225



27.3506, 31.1951, 36.0954

Complementary

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



31.4988, 31.1951, 39.0114



31.3926, 35.0088, 33.1214

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.



27.3053, 31.1951, 32.4154



31.4988, 31.1951, 39.0114



28.9275, 31.1951, 27.6417

Square

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



31.4988, 31.1951, 39.0114



31.3630, 31.1951, 29.0374



27.8750, 31.1951, 29.3758



28.0006, 31.1951, 39.4232

Rectangle

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



31.4988, 31.1951, 39.0114



32.1704, 31.1951, 33.0937



27.8750, 31.1951, 29.3758



27.2648, 31.1951, 34.8538

Sweetspot

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



31.4997, 31.1964, 39.0121



60.3088, 62.2376, 70.8906



30.0938, 31.4794, 39.1408



13.4299, 13.7891, 15.8913



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.



31.4997, 31.1964, 39.0121



55.2000, 53.9017, 69.5508



32.0184, 31.4971, 37.5359



7.1792, 7.1067, 8.8964



11.1511, 5.1551, 27.3371



0.2753, 0.1294, 0.5763

Inverse Universe

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



31.3628, 31.2348, 34.0834



54.9153, 53.9903, 58.9069



30.9173, 34.7336, 34.4609



7.1478, 7.1156, 7.7645



12.1012, 6.1965, 2.4577



0.2727, 0.1376, 0.1489

Previews

White Background



This preview shows how the XYZ color 31.4988, 31.1951, 39.0114 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 31.4988, 31.1951, 39.0114 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 31.4988, 31.1951, 39.0114

Background



This preview shows how black text looks on a background with the XYZ color 31.4988, 31.1951, 39.0114.



This preview shows how white text looks on a background with the XYZ color 31.4988, 31.1951,

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

31.4988, 31.1951, 39.0114

Protanopia

30.6206, 31.4291, 40.0499

Deuteranopia

31.7425, 31.0888, 38.9781



Tritanopia

31.2331, 31.0888, 37.6123

Trichromacy



Original Color

31.4988, 31.1951, 39.0114

Protanomaly

30.9336, 31.3631, 39.5453

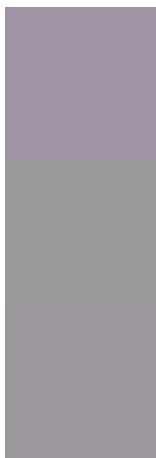
Deuteranomaly

31.5418, 30.9854, 38.9687

Tritanomaly

31.3210, 31.1239, 38.0749

Monochromacy



Original Color

31.4988, 31.1951, 39.0114

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.6700, 31.5361, 36.3689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4988, 31.1951, 39.0114 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(159, 148, 163)` looks like.

```
.text, #text, p{  
    color:rgb(159, 148, 163)  
}
```

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(159, 148, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 148, 163) }
```

Border

The CSS property to change the border of an element to XYZ 31.4988, 31.1951, 39.0114 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(159, 148, 163) }
```


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

```
.border{ border-color:rgb(159, 148, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 148, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 148, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 148, 163);  
box-shadow:4px 4px 4px 4px rgb(159, 148,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4988, 31.1951, 39.0114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 148, 163) }
```

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

```
.background{ background-color: rgb(159,  
148, 163) }
```

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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