

Converting Colors

XYZ(31.1556, 30.7605, 39.0416)

Have a look what the booklet for
XYZ(31.1556, 30.7605, 39.0416)
contains.

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Color

**XYZ(31.1451, 30.7809,
38.9501)**

Conversions

Conversions Part 1

Format	Color
Hex	9E93A3
RGB	158, 147, 163
RGB Percent	62%, 58%, 64%
CMY	0.3804, 0.4235, 0.3608
CMYK	0.03, 0.10, 0.00, 0.36
HSL	281°, 8%, 61%
HSV	281°, 10%, 64%
XYZ	31.1451, 30.7809, 38.9501
YIQ	152.1130, 1.4200, 7.3080

Conversions

Conversions Part 2

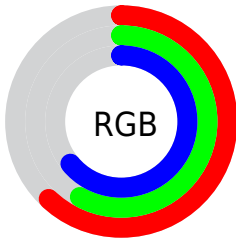
Format	Color
RYB	158, 147, 163
Decimal	10392483
CIELab	62.32, 7.11, -6.94
CIELCh	62, 9.936, 315.722
Yxy	30.7809, 0.3087, 0.3051
Android (android.graphics.Color)	4288582563 (0xFF9E93A3)
YUV	152.1130, 5.3673, 5.1629
Hunter-Lab	55.4805, 3.1136, -2.7882

Details

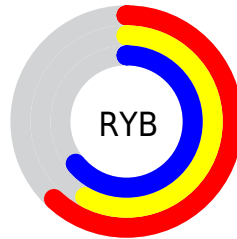
The XYZ color **31.1451, 30.7809, 38.9501** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3138, 34.9772, 32.7062**, and the grayscale version is **29.8717, 31.4273, 34.2244**.

A 20% lighter version of the original color is **60.9821, 60.9814, 74.8861**, and **13.1155, 12.6392, 16.7873** is the 20% darker color. If you saturate the color by 10%, you get **27.8067, 25.5607, 38.1189**, and if you desaturate by 10%, it is **34.8860, 36.7435, 39.9043**.

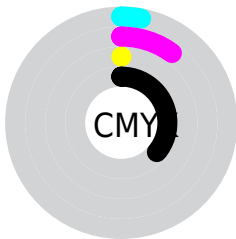
Distribution



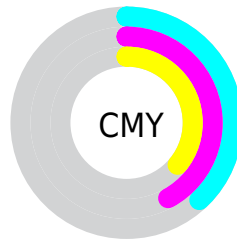
- Red (62%)
- Green (58%)
- Blue (64%)



- Red (62%)
- Yellow (58%)
- Blue (64%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (36%)



- Cyan (38%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1451, 30.7809, 38.9501 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 31.1451, 30.7809, 38.9501 by changing the saturation by 10% instead.

■ 31.1451, 30.7809,
38.9501

■ 31.1451, 30.7809,
38.9501

299.0212,
305.5277, 357.0979

■ 20.8617, 20.4321,
26.4134

■ 60.8427, 60.8950,
74.7816

■ 13.1349, 12.7095,
16.9046

■ 80.9877, 81.4290,
98.9134

■ 7.5991, 7.2288,
10.0053

105.1506,
106.1268, 127.7474

■ 3.8892, 3.6056,
5.2968

133.6968,
135.3729, 161.7020

■ 1.6396, 1.4555,
2.3607

166.9915,
169.5517, 201.1958

■ 0.4180, 0.2571,
0.7649

205.4003,

■ 0.0000, 0.0000,

209.0474, 246.6474

0.0000

249.2884,
254.2446, 298.4752

■ 31.1451, 30.7809,
38.9501

■ 31.1451, 30.7809,
38.9501

■ 27.8067, 25.5607,
38.1189

■ 34.8860, 36.7435,
39.9043

■ 24.8526, 21.0486,
37.4037

■ 39.0414, 43.4730,
40.9842

■ 22.2670, 17.2135,
36.7997

■ 43.6260, 50.9978,
42.1950

■ 20.0322, 14.0205,
36.3012

■ 48.6529, 59.3435,
43.5409

■ 18.1287, 11.4312,
35.9017

■ 54.1348, 68.5347,
45.0261

■ 16.5347, 9.4034,
35.5943

■ 60.0838, 78.5948,
46.6543

■ 15.2261, 7.8890,
35.3710

■ 64.5329, 85.5893,
47.7699

■ 14.1741, 6.8318,
35.2224

■ 65.8602, 86.2735,
47.8320

■ 13.3152, 6.1054,
35.1275

■ 67.2326, 86.9811,
47.8963

Harmonies

Analogous

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



29.9619, 30.7809, 41.1530



31.1451, 30.7809, 38.9501



31.8319, 30.7809, 35.3731

Triad

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



31.1451, 30.7809, 38.9501



29.8981, 30.7809, 26.8445



26.8395, 30.7809, 35.5601

Complementary

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



31.1451, 30.7809, 38.9501



31.3138, 34.9772, 32.7062

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.



26.8236, 30.7809, 31.7235



31.1451, 30.7809, 38.9501



28.5619, 30.7809, 26.8861

Square

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



31.1451, 30.7809, 38.9501



31.0971, 30.7809, 28.4924



27.4455, 30.7809, 28.6109



27.4896, 30.7809, 39.0960

Rectangle

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



31.1451, 30.7809, 38.9501



31.9027, 30.7809, 32.7829



27.4455, 30.7809, 28.6109



26.7605, 30.7809, 34.2582

Sweetspot

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



31.1460, 30.7822, 38.9508



60.2260, 62.1949, 70.8867



29.8838, 31.3269, 39.1224



13.4066, 13.7771, 15.8902



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.



31.1460, 30.7822, 38.9508



54.2745, 52.7566, 69.3786



31.8899, 31.1957, 37.6296



7.1479, 7.0906, 8.8950



10.3845, 4.7599, 27.3012



0.2634, 0.1233, 0.5758

Inverse Universe

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



31.2066, 30.9224, 34.0313



54.4216, 53.0728, 58.5268



30.6306, 34.5981, 33.8911



7.1607, 7.1207, 7.8328



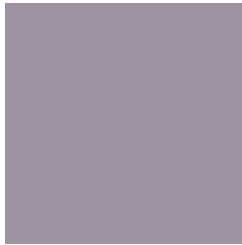
12.2208, 6.2444, 3.0875



0.2772, 0.1394, 0.1725

Previews

White Background



This preview shows how the XYZ color 31.1451, 30.7809, 38.9501 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 31.1451, 30.7809, 38.9501 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 31.1451, 30.7809, 38.9501

Background



This preview shows how black text looks on a background with the XYZ color 31.1451, 30.7809, 38.9501.



This preview shows how white text looks on a background with the XYZ color 31.1451, 30.7809,

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

31.1451, 30.7809, 38.9501

Protanopia

30.0923, 30.9189, 39.9792

Deuteranopia

31.3869, 30.6757, 38.9171



Tritanopia

30.7525, 30.8511, 37.1349

Trichromacy



Original Color

31.1451, 30.7809, 38.9501

Protanomaly

30.3972, 30.8506, 39.4746

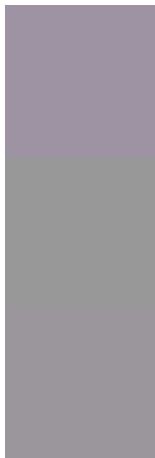
Deuteranomaly

31.1878, 30.5730, 38.9077

Tritanomaly

30.8397, 30.8860, 37.5939

Monochromacy



Original Color

31.1451, 30.7809, 38.9501

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.2335, 31.0830, 35.8586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1451, 30.7809, 38.9501 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(158, 147, 163)` looks like.

```
.text, #text, p{  
    color:rgb(158, 147, 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(158, 147, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 147, 163) }
```

Border

The CSS property to change the border of an element to XYZ 31.1451, 30.7809, 38.9501 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(158, 147, 163) }
```


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

```
.border{ border-color:rgb(158, 147, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 147, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 147, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 147, 163);  
box-shadow:4px 4px 4px 4px rgb(158, 147,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1451, 30.7809, 38.9501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 147, 163) }
```

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

```
.background{ background-color: rgb(158,  
147, 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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