

Converting Colors

XYZ(31.0183, 31.3750, 40.9804)

Have a look what the booklet for
XYZ(31.0183, 31.3750, 40.9804)
contains.

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Color

**XYZ(31.0183, 31.3750,
40.9804)**

Conversions

Conversions Part 1

Format	Color
Hex	9996A7
RGB	153, 150, 167
RGB Percent	60%, 59%, 65%
CMY	0.4000, 0.4118, 0.3451
CMYK	0.08, 0.10, 0.00, 0.35
HSL	251°, 9%, 62%
HSV	251°, 10%, 65%
XYZ	31.0183, 31.3750, 40.9804
YIQ	152.8350, -3.6690, 5.9230

Conversions

Conversions Part 2

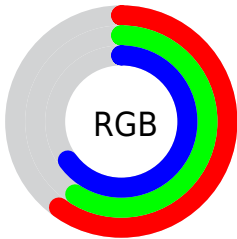
Format	Color
R_{YB}	153, 150, 167
Decimal	10065575
CIE _{Lab}	62.82, 4.49, -8.50
CIE _{LCh}	63, 9.611, 297.834
Yxy	31.3750, 0.3001, 0.3035
Android (android.graphics.Color)	4288255655 (0xFF9996A7)
YUV	152.8350, 6.9833, 0.1447
Hunter-Lab	56.0134, 0.8238, -4.1683

Details

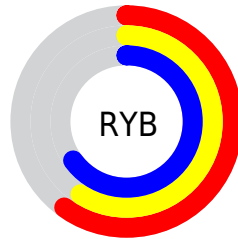
The XYZ color **31.0183, 31.3750, 40.9804** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6347, 37.7328, 34.3133**, and the grayscale version is **30.1791, 31.7507, 34.5765**.

A 20% lighter version of the original color is **60.5098, 61.7251, 77.8322**, and **13.0358, 12.9863, 18.0392** is the 20% darker color. If you saturate the color by 10%, you get **26.0931, 25.1586, 40.0406**, and if you desaturate by 10%, it is **36.6245, 38.5080, 42.0622**.

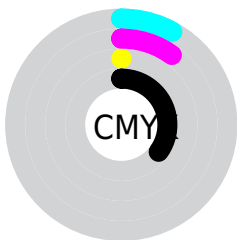
Distribution



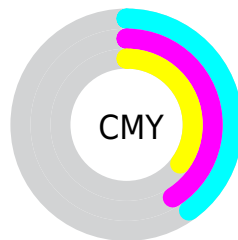
- Red (60%)
- Green (59%)
- Blue (65%)



- Red (60%)
- Yellow (59%)
- Blue (65%)



- Cyan (8%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



- Cyan (40%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0183, 31.3750, 40.9804 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 31.0183, 31.3750, 40.9804 by changing the saturation by 10% instead.

■ 31.0183, 31.3750,
40.9804

■ 31.0183, 31.3750,
40.9804

298.4480,
308.2622, 365.9129

■ 20.7647, 20.8846,
27.9842

■ 60.6445, 61.8300,
77.9075

■ 13.0636, 13.0397,
18.0748

■ 80.7478, 82.5633,
102.6754

■ 7.5496, 7.4559,
10.8337

104.8651,
107.4798, 132.2044

■ 3.8575, 3.7488,
5.8424

133.3617,
136.9637, 166.9129

■ 1.6218, 1.5341,
2.6822

166.6029,
171.3995, 207.2194

■ 0.4066, 0.3125,
0.9345

204.9541,

■ 0.0000, 0.0000,

211.1716, 253.5426

0.0000

248.7807,
256.6644, 306.3009

■ 31.0183, 31.3750,
40.9804

■ 31.0183, 31.3750,
40.9804

■ 26.0931, 25.1586,
40.0406

■ 36.6245, 38.5080,
42.0622

■ 21.8199, 19.8175,
39.2349

■ 42.9335, 46.5885,
43.2894

■ 18.1719, 15.3134,
38.5578

■ 49.9697, 55.6511,
44.6678

■ 15.1192, 11.6035,
38.0026

■ 57.7554, 65.7274,
46.2024

■ 12.6296, 8.6409,
37.5620

■ 66.3119, 76.8476,
47.8978

■ 10.6675, 6.3743,
37.2279

■ 75.6598, 89.0404,
49.7586

■ 9.1933, 4.7452,
36.9911

■ 81.9029, 94.5018,
50.4837

■ 8.1613, 3.6855,
36.8410

■ 83.9752, 95.5701,
50.5806

■ 7.4949, 3.0580,
36.7550

Harmonies

Analogous

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



29.7255, 31.3750, 41.9285



31.0183, 31.3750, 40.9804



32.0150, 31.3750, 38.1676

Triad

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



31.0183, 31.3750, 40.9804



31.1887, 31.3750, 28.3867



27.3629, 31.3750, 33.8889

Complementary

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



31.0183, 31.3750, 40.9804



34.6347, 37.7328, 34.3133

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.



27.7296, 31.3750, 30.4470



31.0183, 31.3750, 40.9804



29.9167, 31.3750, 27.4192

Square

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



31.0183, 31.3750, 40.9804



32.1153, 31.3750, 30.8885



28.6549, 31.3750, 28.1453



27.6386, 31.3750, 37.6591

Rectangle

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



31.0183, 31.3750, 40.9804



32.3639, 31.3750, 35.7123



28.6549, 31.3750, 28.1453



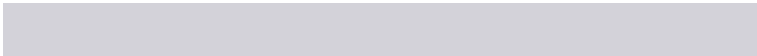
27.4149, 31.3750, 32.6573

Sweetspot

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



31.0192, 31.3763, 40.9811



62.5768, 65.1195, 74.7464



32.8590, 35.8856, 41.7545



13.8223, 14.3417, 16.6918



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



31.0192, 31.3763, 40.9811



53.6565, 53.7909, 73.0300



32.6476, 32.2158, 41.0573



7.2506, 7.3618, 9.4572



5.7656, 2.3557, 28.1263



0.1749, 0.0752, 0.6859

Inverse Universe

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



33.5446, 32.7099, 39.6690



59.0193, 56.6234, 70.2134



32.9706, 36.8749, 34.2355



7.7843, 7.6436, 9.1812



15.6959, 7.6871, 19.0079



0.3963, 0.1928, 0.5385

Previews

White Background



This preview shows how the XYZ color 31.0183, 31.3750, 40.9804 looks on a white background.

Color Contrast Check

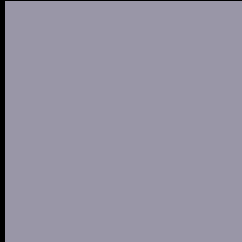
Large Text (above 18pt) WCAG AA × Fail

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 31.0183, 31.3750, 40.9804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

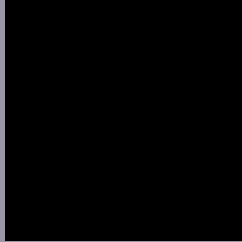
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.0183, 31.3750, 40.9804

Background



This preview shows how black text looks on a background with the XYZ color 31.0183, 31.3750, 40.9804.



This preview shows how white text looks on a background with the XYZ color 31.0183, 31.3750,

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

31.0183, 31.3750, 40.9804

Protanopia

30.7122, 31.4444, 41.4965

Deuteranopia

32.0622, 31.4434, 40.9385



Tritanopia

30.6264, 31.4530, 39.1072

Trichromacy



Original Color

31.0183, 31.3750, 40.9804

Protanomaly

30.8970, 31.5397, 41.5051

Deuteranomaly

31.6271, 31.4530, 40.9633

Tritanomaly

30.7163, 31.4890, 39.5810

Monochromacy



Original Color

31.0183, 31.3750, 40.9804

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.5367, 31.6974, 36.8565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0183, 31.3750, 40.9804 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(153, 150, 167)` looks like.

```
.text, #text, p{  
    color:rgb(153, 150, 167)  
}
```

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(153, 150, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 150, 167) }
```

Border

The CSS property to change the border of an element to XYZ 31.0183, 31.3750, 40.9804 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(153, 150, 167) }
```


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

```
.border{ border-color:rgb(153, 150, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 150, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 150, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 150, 167);  
box-shadow:4px 4px 4px 4px rgb(153, 150,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0183, 31.3750, 40.9804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 150, 167) }
```

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

```
.background{ background-color: rgb(153,  
150, 167) }
```

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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