

Converting Colors

XYZ(31.4405, 40.0340, 39.8842)

Have a look what the booklet for
XYZ(31.4405, 40.0340, 39.8842)
contains.

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Color

**XYZ(31.4143, 39.9809,
39.7796)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB5A1
RGB	125, 181, 161
RGB Percent	49%, 71%, 63%
CMY	0.5098, 0.2902, 0.3686
CMYK	0.31, 0.00, 0.11, 0.29
HSL	159°, 27%, 60%
HSV	159°, 31%, 71%
XYZ	31.4143, 39.9809, 39.7796
YIQ	161.9760, -26.9560, -18.0920

Conversions

Conversions Part 2

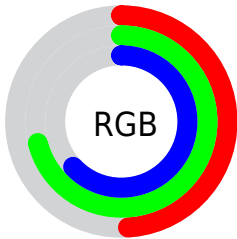
Format	Color
RYB	125, 159, 181
Decimal	8238497
CIELab	69.46, -22.64, 4.36
CIELCh	69, 23.061, 169.097
Yxy	39.9809, 0.2826, 0.3596
Android (android.graphics.Color)	4286428577 (0xFF7DB5A1)
YUV	161.9760, -0.4812, -32.4280
Hunter-Lab	63.2305, -21.9705, 6.9607

Details

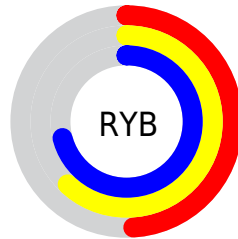
The XYZ color **31.4143, 39.9809, 39.7796** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.5018, 26.5363, 30.2512**, and the grayscale version is **34.3435, 36.1320, 39.3478**.

A 20% lighter version of the original color is **61.2693, 75.1099, 76.2342**, and **13.3577, 18.0200, 17.5260** is the 20% darker color. If you saturate the color by 10%, you get **28.4537, 38.5199, 36.7421**, and if you desaturate by 10%, it is **34.8882, 41.7052, 42.9967**.

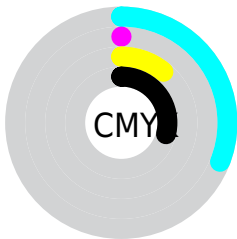
Distribution



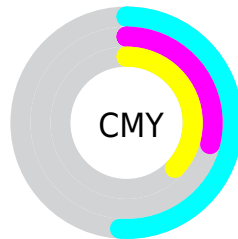
- Red (49%)
- Green (71%)
- Blue (63%)



- Red (49%)
- Yellow (62%)
- Blue (71%)



- Cyan (31%)
- Magenta (0%)
- Yellow (11%)
- Black (29%)



- Cyan (51%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4143, 39.9809, 39.7796 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 31.4143, 39.9809, 39.7796 by changing the saturation by 10% instead.

■ 31.4143, 39.9809,
39.7796

■ 31.4143, 39.9809,
39.7796

300.2354,
346.0431, 360.7182

■ 21.0679, 27.5237,
27.0543

■ 61.2632, 75.1344,
76.0612

■ 13.2864, 17.9669,
17.3812

■ 81.4964, 98.5995,
100.4545

■ 7.7044, 10.9262,
10.3418

■ 105.7559,
126.5026, 129.5743

■ 3.9566, 6.0172,
5.5176

134.4070,
159.2282, 163.8390

■ 1.6776, 2.8556,
2.4901

167.8152,
197.1607, 203.6672

■ 0.4422, 1.0568,
0.8349

206.3457,

■ 0.0000, 0.0000,

240.6844, 249.4774

0.0000

250.3640,
290.1837, 301.6882

■ 31.4143, 39.9809,
39.7796

■ 31.4143, 39.9809,
39.7796

■ 28.4537, 38.5199,
36.7421

■ 34.8882, 41.7052,
42.9967

■ 25.9763, 37.3036,
33.8779

■ 38.8966, 43.7006,
46.3942

■ 23.9542, 36.3187,
31.1844


■ 43.4637, 45.9804,
49.9762

■ 22.3550, 35.5485,
28.6574


■ 48.6110, 48.5559,
53.7458


■ 21.1419, 34.9742,
26.2929


■ 54.3590, 51.4374,
57.7062


 20.2712, 34.5733,
24.0863

 60.7272, 54.6350,
61.8603

 19.6977, 34.3184,
22.2174

 67.7340, 58.1581,
66.2111

 69.7394, 59.0991,
70.4965

 70.5752, 59.4334,
74.8978

Harmonies

Analogous

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



32.8574, 39.9809, 31.4733



31.4143, 39.9809, 39.7796



31.6474, 39.9809, 50.5683

Triad

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



31.4143, 39.9809, 39.7796



40.3839, 39.9809, 65.8454



42.8681, 39.9809, 29.8386

Complementary

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



31.4143, 39.9809, 39.7796



31.5018, 26.5363, 30.2512

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.



45.1519, 39.9809, 37.1815



31.4143, 39.9809, 39.7796



43.6544, 39.9809, 58.3347

Square

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



31.4143, 39.9809, 39.7796



36.6666, 39.9809, 66.8466



45.4487, 39.9809, 47.5141



39.3666, 39.9809, 26.3877

Rectangle

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



31.4143, 39.9809, 39.7796



32.7264, 39.9809, 57.7371



45.4487, 39.9809, 47.5141



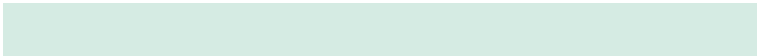
43.8131, 39.9809, 31.8724

Sweetspot

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



31.4154, 39.9825, 39.7805



71.0489, 78.9561, 84.2109



31.9980, 40.5984, 25.5524



15.1147, 16.9448, 18.0059



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



31.4154, 39.9825, 39.7805



52.6210, 69.8053, 67.5741



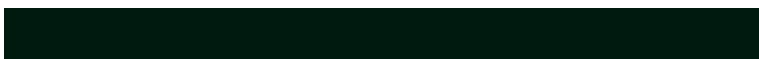
31.8452, 37.7898, 49.3337



8.6112, 9.5790, 10.2123



13.6126, 23.6710, 15.4944



0.4549, 0.7554, 0.6276

Inverse Universe

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



31.5018, 26.5363, 30.2512



52.8038, 41.9573, 47.8578



31.0736, 27.9348, 23.1568



8.6176, 8.5538, 9.4846



13.8180, 7.0448, 4.2017



0.4632, 0.2330, 0.2821

Previews

White Background



This preview shows how the XYZ color 31.4143, 39.9809, 39.7796 looks on a white background.

Color Contrast Check

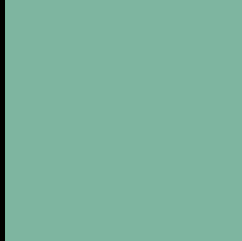
Large Text (above 18pt) WCAG AA × Fail

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 31.4143, 39.9809, 39.7796 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

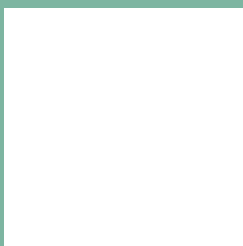
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.4143, 39.9809, 39.7796

Background



This preview shows how black text looks on a background with the XYZ color 31.4143, 39.9809, 39.7796.



This preview shows how white text looks on a background with the XYZ color 31.4143, 39.9809,

39.7796.

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

31.4143, 39.9809, 39.7796

Protanopia

37.5146, 39.4523, 36.2097

Deuteranopia

40.3822, 39.4758, 41.0885



Tritanopia

34.4862, 40.0312, 55.1994

Trichromacy



Original Color

31.4143, 39.9809, 39.7796

Protanomaly

34.9340, 39.4896, 37.6793

Deuteranomaly

36.3854, 39.3223, 40.7942

Tritanomaly

33.2119, 39.8032, 49.1124

Monochromacy



Original Color

31.4143, 39.9809, 39.7796

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.1040, 37.3741, 39.6516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4143, 39.9809, 39.7796 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(125, 181, 161)` looks like.

```
.text, #text, p{  
    color:rgb(125, 181, 161)  
}
```

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(125, 181, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 181, 161) }
```

Border

The CSS property to change the border of an element to XYZ 31.4143, 39.9809, 39.7796 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(125, 181, 161) }
```


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

```
.border{ border-color:rgb(125, 181, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 181, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 181, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 181, 161);  
box-shadow:4px 4px 4px 4px rgb(125, 181,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4143, 39.9809, 39.7796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 181, 161) }
```

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

```
.background{ background-color: rgb(125,  
181, 161) }
```

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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