

Converting Colors

XYZ(31.5101, 40.0164, 40.2511)

Have a look what the booklet for
XYZ(31.5101, 40.0164, 40.2511)
contains.

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Color

**XYZ(31.5029, 40.0164,
40.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB5A2
RGB	125, 181, 162
RGB Percent	49%, 71%, 64%
CMY	0.5098, 0.2902, 0.3647
CMYK	0.31, 0.00, 0.10, 0.29
HSL	160°, 27%, 60%
HSV	160°, 31%, 71%
XYZ	31.5029, 40.0164, 40.2460
YIQ	162.0900, -27.2770, -17.7810

Conversions

Conversions Part 2

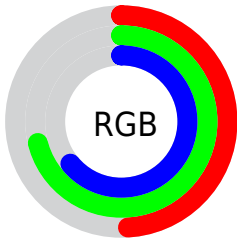
Format	Color
RYB	125, 159, 181
Decimal	8238498
CIELab	69.48, -22.43, 3.85
CIELCh	69, 22.756, 170.263
Yxy	40.0164, 0.2819, 0.3580
Android (android.graphics.Color)	4286428578 (0xFF7DB5A2)
YUV	162.0900, -0.0444, -32.5279
Hunter-Lab	63.2585, -21.8090, 6.5598

Details

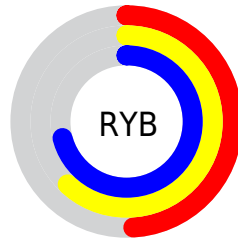
The XYZ color **31.5029, 40.0164, 40.2460** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.4251, 26.5056, 29.8469**, and the grayscale version is **34.3951, 36.1863, 39.4069**.

A 20% lighter version of the original color is **61.3990, 75.1618, 76.9173**, and **13.3577, 18.0200, 17.5260** is the 20% darker color. If you saturate the color by 10%, you get **28.5650, 38.5645, 37.3284**, and if you desaturate by 10%, it is **34.9512, 41.7305, 43.3284**.

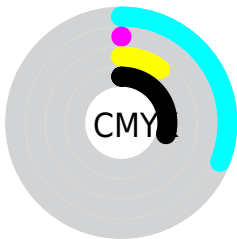
Distribution



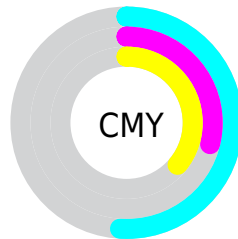
- Red (49%)
- Green (71%)
- Blue (64%)



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



- Cyan (31%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)





- Cyan (51%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.5029, 40.0164, 40.2460 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 31.5029, 40.0164, 40.2460 by changing the saturation by 10% instead.


 31.5029, 40.0164,
40.2460


 31.5029, 40.0164,
40.2460


300.6342,
346.1927, 362.7422


 21.1358, 27.5513,
27.4152


 61.4014, 75.1885,
76.7791

 13.3363, 17.9877,
17.6501


 81.6636, 98.6643,
101.3185

 7.7391, 10.9412,
10.5322


 105.9548,
126.5791, 130.5978

 3.9789, 6.0273,
5.6430

134.6404,
159.3174, 165.0356

 1.6902, 2.8617,
2.5640

168.0858,
197.2635, 205.0504

 0.4501, 1.0600,
0.8738

206.6564,

 0.0000, 0.0000,

240.8018, 251.0607

0.0000

250.7174,
290.3168, 303.4852

■ 31.5029, 40.0164,
40.2460

■ 31.5029, 40.0164,
40.2460

■ 28.5650, 38.5645,
37.3284

■ 34.9512, 41.7305,
43.3284

■ 26.1077, 37.3562,
34.5697

■ 38.9312, 43.7145,
46.5760

■ 24.1030, 36.3782,
31.9674

■ 43.4668, 45.9818,
49.9926

■ 22.5185, 35.6140,
29.5181

■ 48.5798, 48.5435,
53.5811

■ 21.3175, 35.0445,
27.2177

■ 54.2903, 51.4100,
57.3443

■ 20.4565, 34.6475,
25.0622

■ 60.6180, 54.5913,
61.2848

■ 19.8898, 34.3953,
23.2287

■ 67.5811, 58.0970,
65.4053

■ 69.5394, 59.0192,
69.4435

■ 70.3250, 59.3334,
73.5805

Harmonies

Analogous

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



32.8685, 40.0164, 31.9006



31.5029, 40.0164, 40.2460



31.7989, 40.0164, 50.9414

Triad

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



31.5029, 40.0164, 40.2460



40.5276, 40.0164, 65.3797



42.7196, 40.0164, 29.8207

Complementary

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



31.5029, 40.0164, 40.2460



31.4251, 26.5056, 29.8469

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.



45.0359, 40.0164, 36.9483



31.5029, 40.0164, 40.2460



43.7151, 40.0164, 57.7886

Square

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



31.5029, 40.0164, 40.2460



36.8549, 40.0164, 66.6438



45.4115, 40.0164, 47.0744



39.2387, 40.0164, 26.5527

Rectangle

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



31.5029, 40.0164, 40.2460



32.9062, 40.0164, 57.9601



45.4115, 40.0164, 47.0744



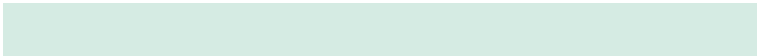
43.6695, 40.0164, 31.7854

Sweetspot

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



31.5040, 40.0180, 40.2469



71.1011, 78.9769, 84.4854



31.8335, 40.5136, 25.5447



15.1277, 16.9500, 18.0741



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.



31.5040, 40.0180, 40.2469



52.8074, 69.8798, 68.5555



31.6662, 37.4317, 49.2741



8.6177, 9.5816, 10.2462



13.7444, 23.7237, 16.1885



0.4584, 0.7568, 0.6460

Inverse Universe

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



31.4251, 26.5056, 29.8469



52.6481, 41.8950, 47.0380



31.2014, 28.1902, 23.1993



8.6114, 8.5513, 9.4520



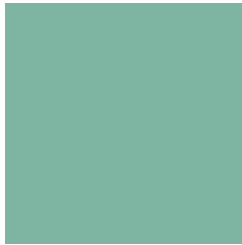
13.7548, 7.0195, 3.8687



0.4607, 0.2320, 0.2690

Previews

White Background



This preview shows how the XYZ color 31.5029, 40.0164, 40.2460 looks on a white background.

Color Contrast Check

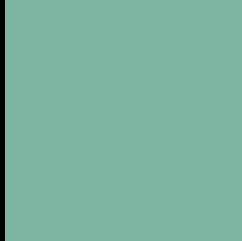
Large Text (above 18pt) WCAG AA × Fail

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 31.5029, 40.0164, 40.2460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

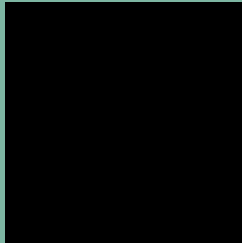
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.5029, 40.0164, 40.2460

Background



This preview shows how black text looks on a background with the XYZ color 31.5029, 40.0164, 40.2460.

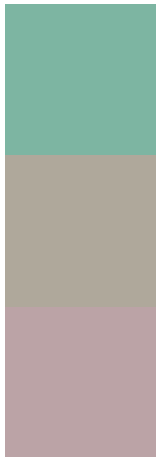


This preview shows how white text looks on a background with the XYZ color 31.5029, 40.0164,

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

31.5029, 40.0164, 40.2460

Protanopia

37.5982, 39.4858, 36.6502

Deuteranopia

40.4736, 39.5124, 41.5698



Tritanopia

34.4862, 40.0312, 55.1994

Trichromacy



Original Color

31.5029, 40.0164, 40.2460

Protanomaly

35.0198, 39.5239, 38.1309

Deuteranomaly

36.4761, 39.3586, 41.2718

Tritanomaly

33.2119, 39.8032, 49.1124

Monochromacy



Original Color

31.5029, 40.0164, 40.2460

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 31.5029, 40.0164, 40.2460 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(125, 181, 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(125, 181, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 181, 162) }
```

Border

The CSS property to change the border of an element to XYZ 31.5029, 40.0164, 40.2460 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, 162) }
```


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

```
.border{ border-color:rgb(125, 181, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 181, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 181, 162);  
box-shadow:4px 4px 4px 4px rgb(125, 181,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5029, 40.0164, 40.2460 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, 162) }
```

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

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