

Converting Colors

XYZ(31.5271, 38.1505, 44.7167)

Have a look what the booklet for
XYZ(31.5271, 38.1505, 44.7167)
contains.

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Color

**XYZ(31.5288, 38.1505,
44.7318)**

Conversions

Conversions Part 1

Format	Color
Hex	7FAFAC
RGB	127, 175, 172
RGB Percent	50%, 69%, 67%
CMY	0.5020, 0.3137, 0.3255
CMYK	0.27, 0.00, 0.02, 0.31
HSL	176°, 23%, 59%
HSV	176°, 27%, 69%
XYZ	31.5288, 38.1505, 44.7318
YIQ	160.3060, -27.6450, -11.1090

Conversions

Conversions Part 2

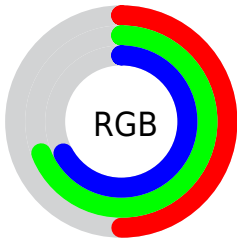
Format	Color
RYB	127, 152, 175
Decimal	8368044
CIELab	68.13, -16.52, -3.62
CIElCh	68, 16.909, 192.378
Yxy	38.1505, 0.2756, 0.3335
Android (android.graphics.Color)	4286558124 (0xFF7FAFAC)
YUV	160.3060, 5.7651, -29.2094
Hunter-Lab	61.7661, -16.9745, 0.2977

Details

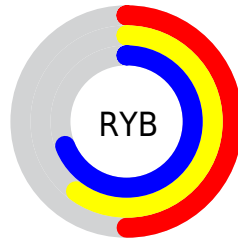
The XYZ color **31.5288, 38.1505, 44.7318** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.2992, 25.9056, 24.5767**, and the grayscale version is **33.5390, 35.2857, 38.4261**.

A 20% lighter version of the original color is **61.4971, 72.5216, 83.4299**, and **13.3302, 16.8116, 20.3117** is the 20% darker color. If you saturate the color by 10%, you get **29.0411, 36.8811, 44.0697**, and if you desaturate by 10%, it is **34.4723, 39.6567, 45.4214**.

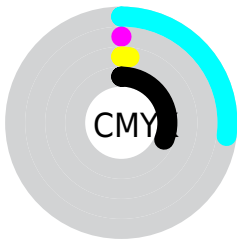
Distribution



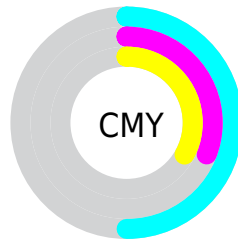
- Red (50%)
- Green (69%)
- Blue (67%)



- Red (50%)
- Yellow (60%)
- Blue (69%)



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)
- Black (31%)



- Cyan (50%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5288, 38.1505, 44.7318 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 31.5288, 38.1505, 44.7318 by changing the saturation by 10% instead.

■ 31.5288, 38.1505,
44.7318

■ 31.5288, 38.1505,
44.7318

300.7507,
338.2651, 381.8147

■ 21.1556, 26.0995,
30.9048

■ 61.4419, 72.3388,
83.6320

■ 13.3509, 16.8981,
20.2685

■ 81.7125, 95.2448,
109.5423

■ 7.7493, 10.1619,
12.4044

■ 106.0129,
122.5380, 140.3174

■ 3.9854, 5.5064,
6.8938

134.7086,
154.6028, 176.3759

■ 1.6939, 2.5473,
3.3184

168.1649,
191.8235, 218.1364

■ 0.4524, 0.9003,
1.2594

206.7471,

■ 0.0000, 0.0000,

234.5845, 266.0173

0.0282

250.8206,
283.2703, 320.4372

■ 0.0000, 0.0000,
0.0000

■ 31.5288, 38.1505,
44.7318

■ 31.5288, 38.1505,
44.7318

■ 29.0411, 36.8811,
44.0697

■ 34.4723, 39.6567,
45.4214

■ 26.9824, 35.8318,
43.4313

■ 37.8901, 41.4064,
46.1369

■ 25.3284, 34.9910,
42.8164

■ 41.8035, 43.4114,
46.8802

■ 24.0509, 34.3442,
42.2236

■ 46.2316, 45.6817,
47.6520

■ 23.1180, 33.8750,
41.6514

■ 51.1927, 48.2266,
48.4534

■ 22.4927, 33.5643,
41.0981

■ 56.7038, 51.0550,
49.2851

■ 22.1185, 33.3829,
40.5610

■ 62.7816, 54.1754,
50.1479

■ 22.0367, 33.3437,
40.4242

■ 64.8862, 55.2474,
50.8294

■ 64.9988, 55.2925,
51.4222

Harmonies

Analogous

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



31.6383, 38.1505, 37.2951



31.5288, 38.1505, 44.7318



32.6416, 38.1505, 52.1200

Triad

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



31.5288, 38.1505, 44.7318



39.7883, 38.1505, 53.2209



37.8182, 38.1505, 29.1758

Complementary

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



31.5288, 38.1505, 44.7318



29.2992, 25.9056, 24.5767

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.



40.1384, 38.1505, 32.4974



31.5288, 38.1505, 44.7318



41.3131, 38.1505, 46.0941

Square

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



31.5288, 38.1505, 44.7318



37.3591, 38.1505, 57.4050



41.4443, 38.1505, 38.5026



35.1844, 38.1505, 28.9048

Rectangle

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



31.5288, 38.1505, 44.7318



33.9597, 38.1505, 55.7853



41.4443, 38.1505, 38.5026



38.6638, 38.1505, 29.9521

Sweetspot

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



31.5299, 38.1520, 44.7327



67.3937, 73.9169, 82.5335



28.3986, 36.9555, 25.7159



14.7665, 16.3200, 18.3010



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



31.5299, 38.1520, 44.7327



53.6354, 66.8799, 79.3767



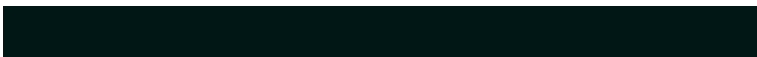
28.0801, 30.7858, 45.0214



8.2144, 9.0633, 10.1539



15.7891, 23.8809, 28.9926



0.4456, 0.6669, 0.8400

Inverse Universe

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



29.2992, 25.9056, 24.5767



48.9638, 41.2230, 37.1583



32.0699, 31.7647, 24.5205



8.0248, 8.0232, 8.4414



12.7122, 6.5474, 0.8640



0.3601, 0.1847, 0.0579

Previews

White Background



This preview shows how the XYZ color 31.5288, 38.1505, 44.7318 looks on a white background.

Color Contrast Check

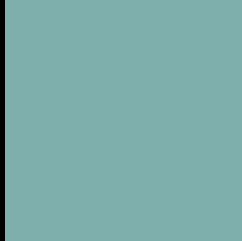
Large Text (above 18pt) WCAG AA × Fail

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 31.5288, 38.1505, 44.7318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

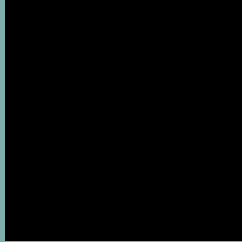
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.5288, 38.1505, 44.7318

Background



This preview shows how black text looks on a background with the XYZ color 31.5288, 38.1505, 44.7318.

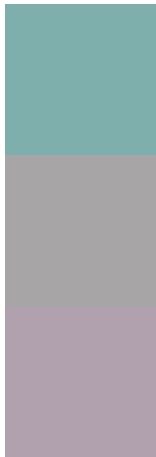


This preview shows how white text looks on a background with the XYZ color 31.5288, 38.1505,

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

31.5288, 38.1505, 44.7318

Protanopia

36.4865, 37.9883, 41.4858

Deuteranopia

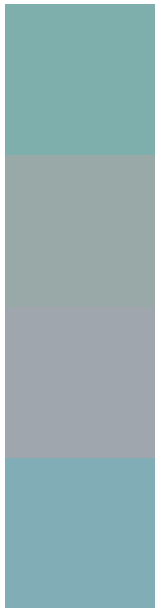
38.6142, 37.9320, 45.8439



Tritanopia

33.1191, 38.2208, 52.6455

Trichromacy



Original Color

31.5288, 38.1505, 44.7318

Protanomaly

34.3927, 37.9754, 42.5631

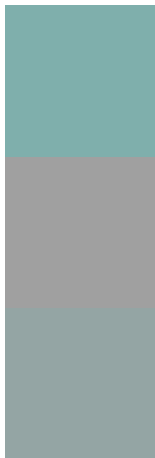
Deuteranomaly

35.5743, 37.6994, 45.4461

Tritanomaly

32.6328, 38.3166, 49.9319

Monochromacy



Original Color

31.5288, 38.1505, 44.7318

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.3687, 35.8865, 40.3427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5288, 38.1505, 44.7318 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(127, 175, 172)` looks like.

```
.text, #text, p{  
    color:rgb(127, 175, 172)  
}
```

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(127, 175, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 175, 172) }
```

Border

The CSS property to change the border of an element to XYZ 31.5288, 38.1505, 44.7318 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(127, 175, 172) }
```


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

```
.border{ border-color:rgb(127, 175, 172) }
```

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

Here you see how a box with a 4 pixel rgb(127, 175, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 175, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 175, 172);  
box-shadow:4px 4px 4px 4px rgb(127, 175,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5288, 38.1505, 44.7318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 175, 172) }
```

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

```
.background{ background-color: rgb(127,  
175, 172) }
```

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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