

Converting Colors

XYZ(31.1970, 38.4236, 30.7252)

Have a look what the booklet for
XYZ(31.1970, 38.4236, 30.7252)
contains.

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Color

**XYZ(31.0481, 38.2161,
30.5510)**

Conversions

Conversions Part 1

Format	Color
Hex	8DAF8C
RGB	141, 175, 140
RGB Percent	55%, 69%, 55%
CMY	0.4471, 0.3137, 0.4510
CMYK	0.19, 0.00, 0.20, 0.31
HSL	118°, 18%, 62%
HSV	118°, 20%, 69%
XYZ	31.0481, 38.2161, 30.5510
YIQ	160.8440, -9.0290, -18.0930

Conversions

Conversions Part 2

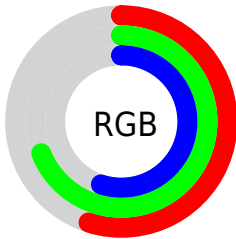
Format	Color
RYB	140, 175, 174
Decimal	9285516
CIELab	68.18, -18.49, 14.20
CIELCh	68, 23.317, 142.472
Yxy	38.2161, 0.3111, 0.3829
Android (android.graphics.Color)	4287475596 (0xFF8DAF8C)
YUV	160.8440, -10.2761, -17.4032
Hunter-Lab	61.8192, -18.5336, 13.9723

Details

The XYZ color **31.0481, 38.2161, 30.5510** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **34.5731, 30.8511, 44.6921**, and the grayscale version is **33.8539, 35.6169, 38.7868**.

A 20% lighter version of the original color is **60.8192, 72.6490, 61.8561**, and **13.0214, 16.8309, 12.2352** is the 20% darker color. If you saturate the color by 10%, you get **27.1869, 36.3641, 24.1617**, and if you desaturate by 10%, it is **35.5603, 40.3822, 38.0437**.

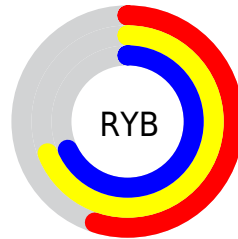
Distribution



Red (55%)

Green (69%)

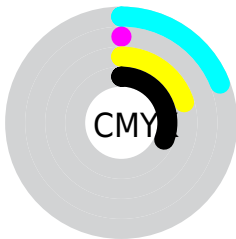
Blue (55%)



Red (55%)

Yellow (69%)

Blue (68%)

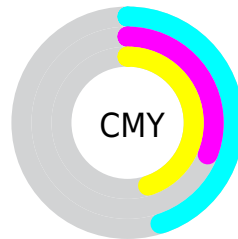


Cyan (19%)

Magenta (0%)

Yellow (20%)

Black (31%)



Cyan (45%)

Magenta (31%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0481, 38.2161, 30.5510 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 31.0481, 38.2161, 30.5510 by changing the saturation by 10% instead.

■ 31.0481, 38.2161,
30.5510

■ 31.0481, 38.2161,
30.5510

298.5828,
338.5461, 318.7513

■ 20.7875, 26.1505,
20.0016

■ 60.6911, 72.4392,
61.6037

■ 13.0803, 16.9362,
12.2121

■ 80.8042, 95.3655,
82.9441

■ 7.5613, 10.1890,
6.7640

■ 104.9322,
122.6808, 108.7186

■ 3.8649, 5.5245,
3.2388

133.4404,
154.7695, 139.3458

■ 1.6260, 2.5582,
1.2178

166.6943,
192.0160, 175.2441

■ 0.4093, 0.9057,
0.0000

205.0590,

■ 0.0000, 0.0000,

234.8046, 216.8320

0.0000

248.9001,
283.5199, 264.5283

■ 31.0481, 38.2161,
30.5510

■ 31.0481, 38.2161,
30.5510

■ 27.1869, 36.3641,
24.1617

■ 35.5603, 40.3822,
38.0437

■ 23.9439, 34.8071,
18.8213

■ 40.7485, 42.8709,
46.6859

■ 21.2879, 33.5314,
14.4746

■ 46.6400, 45.6964,
56.5238

■ 19.1837, 32.5200,
11.0603

■ 53.2595, 48.8706,
67.6007

■ 17.5926, 31.7546,
8.5102

■ 60.6309, 52.4048,
79.9574

■ 16.4707, 31.2140,
6.7469

■ 68.7767, 56.3098,
93.6332

■ 15.7666, 30.8740,
5.6793

■ 74.6207, 59.1414,
102.0902

■ 15.3933, 30.6937,
5.1132

Harmonies

Analogous

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



33.7119, 38.2161, 25.6939



31.0481, 38.2161, 30.5510



29.8140, 38.2161, 39.0383

Triad

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



31.0481, 38.2161, 30.5510



35.4135, 38.2161, 64.8273



43.1859, 38.2161, 34.4065

Complementary

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



31.0481, 38.2161, 30.5510



34.5731, 30.8511, 44.6921

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.



43.7171, 38.2161, 44.2940



31.0481, 38.2161, 30.5510



39.0661, 38.2161, 63.0300

Square

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



31.0481, 38.2161, 30.5510



32.2225, 38.2161, 59.6276



42.1644, 38.2161, 55.0617



40.7580, 38.2161, 27.6467

Rectangle

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



31.0481, 38.2161, 30.5510



29.9060, 38.2161, 46.0938



42.1644, 38.2161, 55.0617



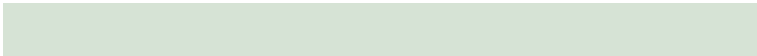
43.5985, 38.2161, 37.4284

Sweetspot

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



31.0491, 38.2177, 30.5518



67.1584, 73.9862, 73.9138



37.5184, 41.2171, 30.7898



14.7983, 16.3826, 16.2143



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.



31.0491, 38.2177, 30.5518



52.4120, 66.9109, 49.4256



32.1754, 38.6487, 37.3660



7.9249, 8.9498, 8.5232



11.0321, 21.9843, 3.6619



0.3136, 0.6150, 0.1022

Inverse Universe

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



34.5731, 30.8511, 44.6921



59.8772, 51.3032, 79.3835



33.2877, 30.3628, 36.7568



8.3141, 8.1362, 10.0849



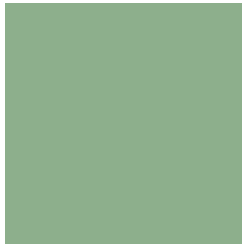
17.4228, 8.3417, 29.7363



0.4916, 0.2356, 0.8276

Previews

White Background



This preview shows how the XYZ color 31.0481, 38.2161, 30.5510 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 31.0481, 38.2161, 30.5510 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 31.0481, 38.2161, 30.5510

Background



This preview shows how black text looks on a background with the XYZ color 31.0481, 38.2161, 30.5510.



This preview shows how white text looks on a background with the XYZ color 31.0481, 38.2161,

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

31.0481, 38.2161, 30.5510

Protanopia

35.7328, 37.8896, 28.3518

Deuteranopia

38.7639, 38.0719, 31.2921



Tritanopia

34.9480, 38.0907, 50.3100

Trichromacy



Original Color

31.0481, 38.2161, 30.5510

Protanomaly

33.8076, 37.9686, 29.2137

Deuteranomaly

35.3509, 37.6339, 30.9921

Tritanomaly

33.2150, 37.9356, 42.1309

Monochromacy



Original Color

31.0481, 38.2161, 30.5510

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.7124, 36.4424, 35.4469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0481, 38.2161, 30.5510 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(141, 175, 140)` looks like.

```
.text, #text, p{  
    color:rgb(141, 175, 140)  
}
```

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(141, 175, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 175, 140) }
```

Border

The CSS property to change the border of an element to XYZ 31.0481, 38.2161, 30.5510 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(141, 175, 140) }
```


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

```
.border{ border-color:rgb(141, 175, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 175, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 175, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 175, 140);  
box-shadow:4px 4px 4px 4px rgb(141, 175,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0481, 38.2161, 30.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 175, 140) }
```

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

```
.background{ background-color: rgb(141,  
175, 140) }
```

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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