

Converting Colors

XYZ(31.1048, 37.7669, 31.3166)

Have a look what the booklet for
XYZ(31.1048, 37.7669, 31.3166)
contains.

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Color

**XYZ(30.9814, 37.5909,
31.2141)**

Conversions

Conversions Part 1

Format	Color
Hex	8EAD8E
RGB	142, 173, 142
RGB Percent	56%, 68%, 56%
CMY	0.4431, 0.3216, 0.4431
CMYK	0.18, 0.00, 0.18, 0.32
HSL	120°, 16%, 62%
HSV	120°, 18%, 68%
XYZ	30.9814, 37.5909, 31.2141
YIQ	160.1970, -8.5250, -16.2130

Conversions

Conversions Part 2

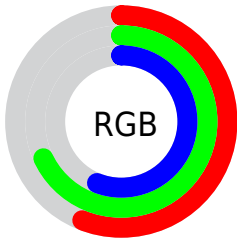
Format	Color
RYB	142, 173, 173
Decimal	9350542
CIELab	67.72, -16.75, 12.47
CIELCh	68, 20.879, 143.337
Yxy	37.5909, 0.3105, 0.3767
Android (android.graphics.Color)	4287540622 (0xFF8EAD8E)
YUV	160.1970, -8.9711, -15.9588
Hunter-Lab	61.3114, -17.0968, 12.7330

Details

The XYZ color **30.9814, 37.5909, 31.2141** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **34.4507, 31.2483, 43.7526**, and the grayscale version is **33.5482, 35.2953, 38.4366**.

A 20% lighter version of the original color is **60.7481, 71.7599, 62.8738**, and **13.0835, 16.6716, 12.6536** is the 20% darker color. If you saturate the color by 10%, you get **27.0407, 35.6991, 24.7676**, and if you desaturate by 10%, it is **35.5865, 39.8041, 38.7457**.

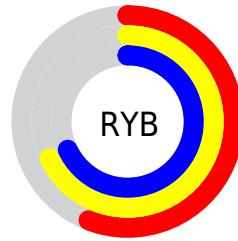
Distribution



Red (56%)

Green (68%)

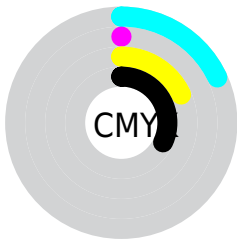
Blue (56%)



Red (56%)

Yellow (68%)

Blue (68%)

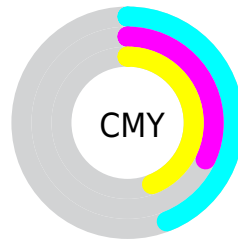


Cyan (18%)

Magenta (0%)

Yellow (18%)

Black (32%)



Cyan (44%)

Magenta (32%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9814, 37.5909, 31.2141 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 30.9814, 37.5909, 31.2141 by changing the saturation by 10% instead.

■ 30.9814, 37.5909,
31.2141

■ 30.9814, 37.5909,
31.2141

298.2810,
335.8618, 321.9052

■ 20.7364, 25.6653,
20.5021

■ 60.5868, 71.4807,
62.6605

■ 13.0428, 16.5734,
12.5729

■ 80.6780, 94.2136,
84.2320

■ 7.5353, 9.9308,
7.0078

■ 104.7820,
121.3179, 110.2604

■ 3.8483, 5.3531,
3.3885

133.2641,
153.1778, 141.1643

■ 1.6167, 2.4559,
1.2963

166.4897,
190.1777, 177.3622

■ 0.4033, 0.8544,
0.0587

204.8241,

■ 0.0000, 0.0000,

232.7021, 219.2726

0.0000

248.6328,
281.1353, 267.3141

■ 30.9814, 37.5909,
31.2141

■ 30.9814, 37.5909,
31.2141

■ 27.0407, 35.6991,
24.7676

■ 35.5865, 39.8041,
38.7457

■ 23.7310, 34.1093,
19.3539

■ 40.8814, 42.3475,
47.4064

■ 21.0202, 32.8072,
14.9200

■ 46.8939, 45.2356,
57.2410

■ 18.8728, 31.7756,
11.4074

■ 53.6496, 48.4807,
68.2910

■ 17.2490, 30.9956,
8.7513

■ 61.1724, 52.0943,
80.5959

■ 16.1041, 30.4457,
6.8786

■ 69.4856, 56.0876,
94.1935

■ 15.3858, 30.1007,
5.7037

■ 74.2343, 58.3686,
101.9614

■ 15.0091, 29.9197,
5.0874

■ 14.9443, 29.8886,
4.9815

Harmonies

Analogous

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



33.3281, 37.5909, 26.6916



30.9814, 37.5909, 31.2141



29.9162, 37.5909, 38.9037

Triad

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



30.9814, 37.5909, 31.2141



35.0143, 37.5909, 61.2281



41.7314, 37.5909, 34.2894

Complementary

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



30.9814, 37.5909, 31.2141



34.4507, 31.2483, 43.7526

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.



42.2499, 37.5909, 43.0257



30.9814, 37.5909, 31.2141



38.2426, 37.5909, 59.5008

Square

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



30.9814, 37.5909, 31.2141



32.1523, 37.5909, 56.8952



40.9385, 37.5909, 52.4782



39.5616, 37.5909, 28.2715

Rectangle

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



30.9814, 37.5909, 31.2141



30.0277, 37.5909, 45.1657



40.9385, 37.5909, 52.4782



42.1098, 37.5909, 36.9680

Sweetspot

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



30.9824, 37.5925, 31.2149



66.2892, 72.5129, 73.5733



37.0613, 40.7263, 31.4992



14.2710, 15.6938, 15.7681



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.9824, 37.5925, 31.2149



52.1907, 65.7407, 50.5128



32.2286, 38.0910, 37.7773



7.9045, 8.9394, 8.5222



10.9783, 21.9566, 3.6595



0.3054, 0.6108, 0.1018

Inverse Universe

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



34.4507, 31.2483, 43.7526



59.7096, 51.9872, 77.6928



33.0364, 30.6825, 36.3048



8.3371, 8.1481, 10.0860



18.2018, 8.7433, 29.7719



0.5064, 0.2432, 0.8282

Previews

White Background



This preview shows how the XYZ color 30.9814, 37.5909, 31.2141 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 30.9814, 37.5909, 31.2141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

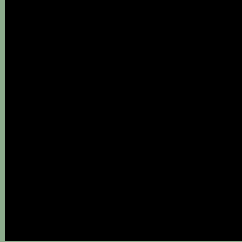
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.9814, 37.5909, 31.2141

Background



This preview shows how black text looks on a background with the XYZ color 30.9814, 37.5909, 31.2141.



This preview shows how white text looks on a background with the XYZ color 30.9814, 37.5909,

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

30.9814, 37.5909, 31.2141

Protanopia

35.3185, 37.3846, 29.3992

Deuteranopia

38.2480, 37.5320, 32.0166



Tritanopia

34.7375, 37.7310, 49.1680

Trichromacy



Original Color

30.9814, 37.5909, 31.2141

Protanomaly

33.3792, 37.1829, 29.8438

Deuteranomaly

35.1041, 37.2225, 31.7200

Tritanomaly

33.2038, 37.6505, 42.0765

Monochromacy



Original Color

30.9814, 37.5909, 31.2141

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.3418, 35.9825, 35.3777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9814, 37.5909, 31.2141 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(142, 173, 142)` looks like.

```
.text, #text, p{  
    color:rgb(142, 173, 142)  
}
```

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(142, 173, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 173, 142) }
```

Border

The CSS property to change the border of an element to XYZ 30.9814, 37.5909, 31.2141 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(142, 173, 142) }
```


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

```
.border{ border-color:rgb(142, 173, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 173, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 173, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 173, 142);  
box-shadow:4px 4px 4px 4px rgb(142, 173,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9814, 37.5909, 31.2141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 173, 142) }
```

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

```
.background{ background-color: rgb(142,  
173, 142) }
```

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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