

Converting Colors

XYZ(31.8525, 37.9088, 37.4933)

Have a look what the booklet for
XYZ(31.8525, 37.9088, 37.4933)
contains.

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Color

**XYZ(31.8446, 37.8969,
37.5347)**

Conversions

Conversions Part 1

Format	Color
Hex	8CAD9D
RGB	140, 173, 157
RGB Percent	55%, 68%, 62%
CMY	0.4510, 0.3216, 0.3843
CMYK	0.19, 0.00, 0.09, 0.32
HSL	151°, 17%, 61%
HSV	151°, 19%, 68%
XYZ	31.8446, 37.8969, 37.5347
YIQ	161.3090, -14.5320, -11.9720

Conversions

Conversions Part 2

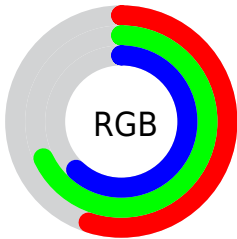
Format	Color
RYB	140, 162, 173
Decimal	9219485
CIELab	67.94, -14.56, 4.50
CIELCh	68, 15.237, 162.832
Yxy	37.8969, 0.2968, 0.3533
Android (android.graphics.Color)	4287409565 (0xFF8CAD9D)
YUV	161.3090, -2.1243, -18.6880
Hunter-Lab	61.5605, -15.3946, 6.9420

Details

The XYZ color **31.8446, 37.8969, 37.5347** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.6138, 30.0417, 35.5339**, and the grayscale version is **34.0353, 35.8077, 38.9946**.

A 20% lighter version of the original color is **62.1511, 72.2614, 72.9595**, and **13.5587, 16.8392, 16.1713** is the 20% darker color. If you saturate the color by 10%, you get **28.4639, 36.2351, 33.7657**, and if you desaturate by 10%, it is **35.7350, 39.8179, 41.5859**.

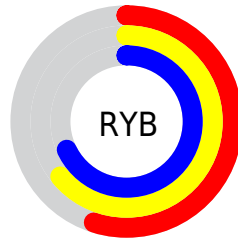
Distribution



Red (55%)

Green (68%)

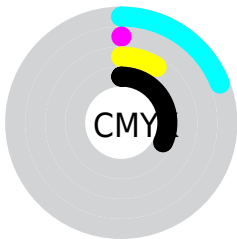
Blue (62%)



Red (55%)

Yellow (64%)

Blue (68%)

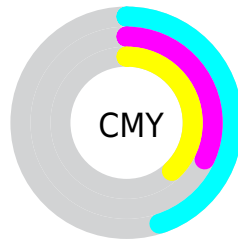


Cyan (19%)

Magenta (0%)

Yellow (9%)

Black (32%)



Cyan (45%)

Magenta (32%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.8446, 37.8969, 37.5347 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 31.8446, 37.8969, 37.5347 by changing the saturation by 10% instead.

■ 31.8446, 37.8969,
37.5347

■ 31.8446, 37.8969,
37.5347

302.1686,
337.1775, 350.8579

■ 21.3978, 25.9027,
25.3227

■ 61.9342, 71.9501,
72.5899

■ 13.5292, 16.7508,
16.0965

■ 82.3078, 94.7778,
96.2702

■ 7.8735, 10.0570,
9.4373

■ 106.7209,
121.9856, 124.6103

■ 4.0652, 5.4368,
4.9268

135.5391,
153.9576, 158.0289

■ 1.7391, 2.5057,
2.1464

169.1276,
191.0785, 196.9444

■ 0.4806, 0.8795,
0.6432

207.8518,

■ 0.0000, 0.0000,

233.7325, 241.7753

0.0000

252.0770,
282.3040, 292.9403

■ 31.8446, 37.8969,
37.5347

■ 31.8446, 37.8969,
37.5347

■ 28.4639, 36.2351,
33.7657

■ 35.7350, 39.8179,
41.5859

■ 25.5673, 34.8162,
30.2702

■ 40.1527, 42.0039,
45.9227

■ 23.1319, 33.6296,
27.0426

■ 45.1187, 44.4666,
50.5517

■ 21.1313, 32.6618,
24.0763

■ 50.6514, 47.2156,
55.4785

■ 19.5367, 31.8982,
21.3642

■ 56.7688, 50.2598,
60.7085

■ 18.3152, 31.3218,
18.8991

■ 63.4878, 53.6079,
66.2469

■ 17.4287, 30.9131,
16.6729

■ 68.5431, 56.0921,
71.9922

■ 16.8051, 30.6352,
14.6760

■ 69.6539, 56.5364,
77.8417

■ 16.7523, 30.6118,
14.5025

■ 70.8209, 57.0032,
83.9870

Harmonies

Analogous

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



33.0138, 37.8969, 32.4247



31.8446, 37.8969, 37.5347



31.7626, 37.8969, 44.2260

Triad

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



31.8446, 37.8969, 37.5347



37.0400, 37.8969, 55.3195



39.4612, 37.8969, 33.0221

Complementary

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



31.8446, 37.8969, 37.5347



32.6138, 30.0417, 35.5339

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.



40.6415, 37.8969, 38.4360



31.8446, 37.8969, 37.5347



39.2030, 37.8969, 51.5777

Square

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



31.8446, 37.8969, 37.5347



34.6933, 37.8969, 55.0098



40.5450, 37.8969, 45.2310



37.3799, 37.8969, 30.0219

Rectangle

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



31.8446, 37.8969, 37.5347



32.3299, 37.8969, 48.7403



40.5450, 37.8969, 45.2310



39.9805, 37.8969, 34.5929

Sweetspot

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



31.8457, 37.8985, 37.5355



66.2470, 72.4212, 76.7286



33.4858, 38.9002, 30.5551



14.2931, 15.6874, 16.5715



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.



31.8457, 37.8985, 37.5355



54.3023, 66.5276, 64.2398



33.3029, 38.4814, 45.2094



8.0702, 9.0057, 9.3949



12.3355, 22.4995, 10.8065



0.3707, 0.6369, 0.4455

Inverse Universe

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



32.6138, 30.0417, 35.5339



55.9392, 49.7858, 59.9751



31.3464, 29.5348, 28.8602



8.1610, 8.0776, 9.1584



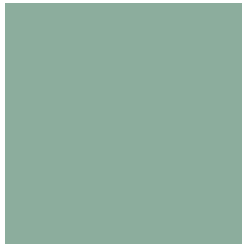
13.8616, 7.0072, 6.9169



0.4134, 0.2060, 0.3385

Previews

White Background



This preview shows how the XYZ color 31.8446, 37.8969, 37.5347 looks on a white background.

Color Contrast Check

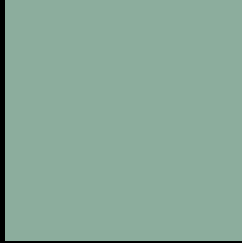
Large Text (above 18pt) WCAG AA × Fail

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 31.8446, 37.8969, 37.5347 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 31.8446, 37.8969, 37.5347

Background



This preview shows how black text looks on a background with the XYZ color 31.8446, 37.8969, 37.5347.

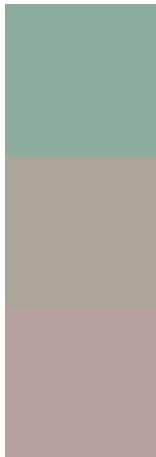


This preview shows how white text looks on a background with the XYZ color 31.8446, 37.8969,

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

31.8446, 37.8969, 37.5347

Protanopia

35.9172, 37.8352, 35.1156

Deuteranopia

38.4444, 37.7470, 38.5174



Tritanopia

34.4123, 37.8146, 50.2850

Trichromacy



Original Color

31.8446, 37.8969, 37.5347

Protanomaly

34.3326, 37.8119, 36.0608

Deuteranomaly

35.6495, 37.6290, 38.1851

Tritanomaly

33.3424, 37.6451, 45.5533

Monochromacy



Original Color

31.8446, 37.8969, 37.5347

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.9372, 36.2206, 38.5130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.8446, 37.8969, 37.5347 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(140, 173, 157)` looks like.

```
.text, #text, p{  
    color:rgb(140, 173, 157)  
}
```

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(140, 173, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 173, 157) }
```

Border

The CSS property to change the border of an element to XYZ 31.8446, 37.8969, 37.5347 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(140, 173, 157) }
```


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

```
.border{ border-color:rgb(140, 173, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 173, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 173, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 173, 157);  
box-shadow:4px 4px 4px 4px rgb(140, 173,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 31.8446, 37.8969, 37.5347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 173, 157) }
```

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

```
.background{ background-color: rgb(140,  
173, 157) }
```

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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