

Converting Colors

XYZ(31.8969, 37.2110, 39.1139)

Have a look what the booklet for
XYZ(31.8969, 37.2110, 39.1139)
contains.

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Color

**XYZ(31.9804, 37.3617,
39.2442)**

Conversions

Conversions Part 1

Format	Color
Hex	8DABA1
RGB	141, 171, 161
RGB Percent	55%, 67%, 63%
CMY	0.4471, 0.3294, 0.3686
CMYK	0.18, 0.00, 0.06, 0.33
HSL	160°, 15%, 61%
HSV	160°, 18%, 67%
XYZ	31.9804, 37.3617, 39.2442
YIQ	160.8900, -14.6700, -9.4700

Conversions

Conversions Part 2

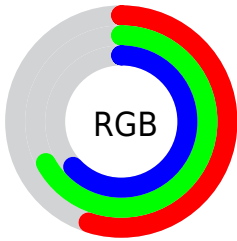
Format	Color
RYB	141, 159, 171
Decimal	9284513
CIELab	67.55, -12.35, 1.72
CIELCh	68, 12.473, 172.094
Yxy	37.3617, 0.2945, 0.3441
Android (android.graphics.Color)	4287474593 (0xFF8DABA1)
YUV	160.8900, 0.0542, -17.4435
Hunter-Lab	61.1242, -13.5756, 4.7204

Details

The XYZ color **31.9804, 37.3617, 39.2442** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.9066, 29.9430, 33.3776**, and the grayscale version is **33.8306, 35.5925, 38.7602**.

A 20% lighter version of the original color is **62.0967, 70.9527, 75.3881**, and **13.6277, 16.4931, 17.2171** is the 20% darker color. If you saturate the color by 10%, you get **28.8031, 35.7815, 36.5312**, and if you desaturate by 10%, it is **35.6317, 39.1856, 42.1007**.

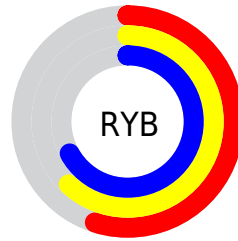
Distribution



Red (55%)

Green (67%)

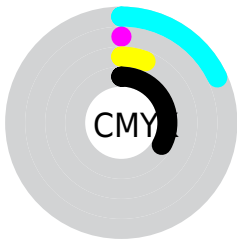
Blue (63%)



Red (55%)

Yellow (62%)

Blue (67%)

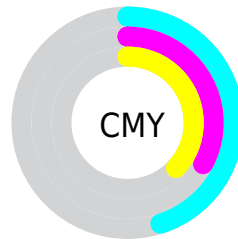


Cyan (18%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (45%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9804, 37.3617, 39.2442 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 31.9804, 37.3617, 39.2442 by changing the saturation by 10% instead.

■ 31.9804, 37.3617,
39.2442

■ 31.9804, 37.3617,
39.2442

302.7768,
334.8738, 358.3845

■ 21.5020, 25.4877,
26.6405

■ 62.1458, 71.1287,
75.2357

■ 13.6060, 16.4408,
17.0733

■ 82.5634, 93.7905,
99.4605

■ 7.9270, 9.8366,
10.1243

■ 107.0249,
120.8170, 128.3961

■ 4.0997, 5.2907,
5.3748

135.8956,
152.5926, 162.4610

■ 1.7587, 2.4188,
2.4062

169.5407,
189.5017, 202.0737

■ 0.4926, 0.8356,
0.7898

208.3257,

■ 0.0000, 0.0000,

231.9287, 247.6529

0.0000

252.6160,
280.2579, 299.6170

■ 31.9804, 37.3617,
39.2442

■ 31.9804, 37.3617,
39.2442

■ 28.8031, 35.7815,
36.5312

■ 35.6317, 39.1856,
42.1007

■ 26.0758, 34.4297,
33.9565

■ 39.7734, 41.2586,
45.1005

■ 23.7772, 33.2963,
31.5185

■ 44.4248, 43.5917,
48.2470

■ 21.8828, 32.3688,
29.2142

■ 49.6035, 46.1938,
51.5424

■ 20.3655, 31.6331,
27.0407

■ 55.3260, 49.0735,
54.9889

■ 19.1951, 31.0738,
24.9950

■ 61.6081, 52.2389,
58.5887

■ 18.3362, 30.6727,
23.0735

■ 66.3354, 54.5999,
62.2444

■ 17.7333, 30.4011,
21.2719

■ 67.0183, 54.8731,
65.8406

■ 17.6005, 30.3419,
20.8466

■ 67.7264, 55.1563,
69.5694

Harmonies

Analogous

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



32.6787, 37.3617, 34.5275



31.9804, 37.3617, 39.2442



32.2009, 37.3617, 44.7860

Triad

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



31.9804, 37.3617, 39.2442



36.9171, 37.3617, 51.2784



37.8267, 37.3617, 32.8994

Complementary

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



31.9804, 37.3617, 39.2442



31.9066, 29.9430, 33.3776

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.



39.0409, 37.3617, 36.8340



31.9804, 37.3617, 39.2442



38.5028, 37.3617, 47.5243

Square

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



31.9804, 37.3617, 39.2442



35.0060, 37.3617, 52.0707



39.2927, 37.3617, 42.1515



36.0211, 37.3617, 31.0857

Rectangle

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



31.9804, 37.3617, 39.2442



32.8429, 37.3617, 48.1834



39.2927, 37.3617, 42.1515



38.3202, 37.3617, 34.0000

Sweetspot

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



31.9815, 37.3633, 39.2450



65.5508, 71.0459, 76.6923



32.2273, 37.6778, 30.7738



14.5091, 15.7890, 17.0221



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.



31.9815, 37.3633, 39.2450



54.9987, 65.7789, 68.3932



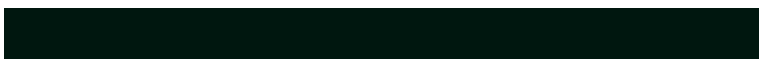
32.0636, 36.0590, 43.8000



8.1211, 9.0260, 9.6626



13.2927, 22.8824, 15.8470



0.3938, 0.6462, 0.5672

Inverse Universe

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



31.9066, 29.9430, 33.3776



54.8404, 50.0203, 55.9356



31.8054, 30.9859, 29.5044



8.1113, 8.0578, 8.8967



13.2398, 6.7585, 3.6422



0.3941, 0.1983, 0.2372

Previews

White Background



This preview shows how the XYZ color 31.9804, 37.3617, 39.2442 looks on a white background.

Color Contrast Check

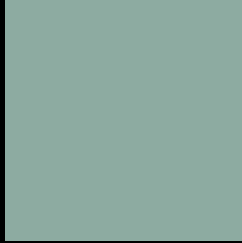
Large Text (above 18pt) WCAG AA × Fail

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 31.9804, 37.3617, 39.2442 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

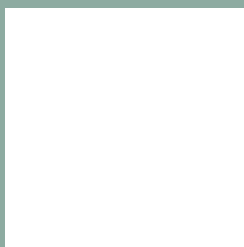
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.9804, 37.3617, 39.2442

Background



This preview shows how black text looks on a background with the XYZ color 31.9804, 37.3617, 39.2442.



This preview shows how white text looks on a background with the XYZ color 31.9804, 37.3617,

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

31.9804, 37.3617, 39.2442

Protanopia

35.5452, 37.0637, 37.1789

Deuteranopia

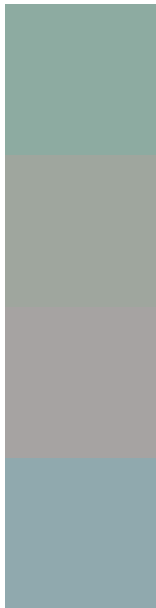
37.8314, 37.1439, 39.8259



Tritanopia

34.0202, 37.3612, 49.1344

Trichromacy



Original Color

31.9804, 37.3617, 39.2442

Protanomaly

34.1058, 37.1120, 37.7135

Deuteranomaly

35.3447, 36.9100, 39.4439

Tritanomaly

33.3295, 37.3612, 45.4992

Monochromacy



Original Color

31.9804, 37.3617, 39.2442

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.2146, 36.3535, 38.9845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9804, 37.3617, 39.2442 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, 171, 161)` looks like.

```
.text, #text, p{  
    color:rgb(141, 171, 161)  
}
```

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, 171, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 171, 161) }
```

Border

The CSS property to change the border of an element to XYZ 31.9804, 37.3617, 39.2442 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, 171, 161) }
```


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

```
.border{ border-color:rgb(141, 171, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 171, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 171, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 171, 161);  
box-shadow:4px 4px 4px 4px rgb(141, 171,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9804, 37.3617, 39.2442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 171, 161) }
```

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

```
.background{ background-color: rgb(141,  
171, 161) }
```

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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