

Converting Colors

XYZ(31.6994, 37.0170, 37.2190)

Have a look what the booklet for
XYZ(31.6994, 37.0170, 37.2190)
contains.

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Color

**XYZ(31.7882, 37.0234,
37.3691)**

Conversions

Conversions Part 1

Format	Color
Hex	8FAA9D
RGB	143, 170, 157
RGB Percent	56%, 67%, 62%
CMY	0.4392, 0.3333, 0.3843
CMYK	0.16, 0.00, 0.08, 0.33
HSL	151°, 14%, 61%
HSV	151°, 16%, 67%
XYZ	31.7882, 37.0234, 37.3691
YIQ	160.4450, -11.9190, -9.7670

Conversions

Conversions Part 2

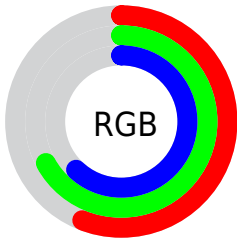
Format	Color
RYB	143, 161, 170
Decimal	9415325
CIELab	67.29, -11.96, 3.58
CIELCh	67, 12.487, 163.323
Yxy	37.0234, 0.2994, 0.3487
Android (android.graphics.Color)	4287605405 (0xFF8FAA9D)
YUV	160.4450, -1.6984, -15.2993
Hunter-Lab	60.8469, -13.2283, 6.1798

Details

The XYZ color **31.7882, 37.0234, 37.3691** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.4021, 30.5922, 35.6512**, and the grayscale version is **33.6314, 35.3829, 38.5319**.

A 20% lighter version of the original color is **61.8348, 70.4742, 72.6312**, and **13.4936, 16.2728, 16.0654** is the 20% darker color. If you saturate the color by 10%, you get **28.3898, 35.3506, 33.6835**, and if you desaturate by 10%, it is **35.6815, 38.9480, 41.3239**.

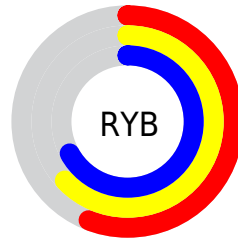
Distribution



Red (56%)

Green (67%)

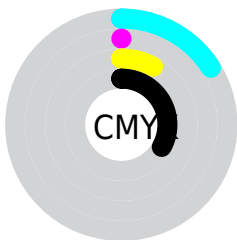
Blue (62%)



Red (56%)

Yellow (63%)

Blue (67%)

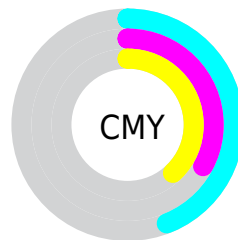


Cyan (16%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (44%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7882, 37.0234, 37.3691 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 31.7882, 37.0234, 37.3691 by changing the saturation by 10% instead.

■ 31.7882, 37.0234,
37.3691

■ 31.7882, 37.0234,
37.3691

301.9158,
333.4118, 350.1225

■ 21.3545, 25.2256,
25.1954

■ 61.8463, 70.6088,
72.3328

■ 13.4973, 16.2452,
16.0023

■ 82.2015, 93.1651,
95.9598

■ 7.8513, 9.6978,
9.3714

106.5946,
120.0765, 124.2416

■ 4.0509, 5.1991,
4.8841

135.3909,
151.7272, 157.5969

■ 1.7310, 2.3645,
2.1219

168.9559,
188.5017, 196.4440

■ 0.4755, 0.8076,
0.6288

207.6547,

■ 0.0000, 0.0000,

230.7844, 241.2017

0.0000

251.8529,
278.9596, 292.2883

■ 31.7882, 37.0234,
37.3691

■ 31.7882, 37.0234,
37.3691

■ 28.3898, 35.3506,
33.6835

■ 35.6815, 38.9480,
41.3239

■ 25.4623, 33.9141,
30.2589

■ 40.0864, 41.1298,
45.5510

■ 22.9843, 32.7043,
27.0902

■ 45.0222, 43.5797,
50.0566

■ 20.9314, 31.7084,
24.1712

■ 50.5067, 46.3067,
54.8458

■ 19.2768, 30.9130,
21.4953

■ 56.5565, 49.3194,
59.9237

■ 17.9905, 30.3025,
19.0559

■ 63.1877, 52.6259,
65.2952

■ 17.0377, 29.8593,
16.8456

■ 67.7919, 54.8814,
70.8424

■ 16.3735, 29.5602,
14.8565

■ 68.8661, 55.3111,
76.4988

■ 16.1428, 29.4578,
14.0986

■ 69.9936, 55.7621,
82.4361

Harmonies

Analogous

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



32.7300, 37.0234, 33.1358



31.7882, 37.0234, 37.3691



31.7362, 37.0234, 42.7843

Triad

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



31.7882, 37.0234, 37.3691



36.0425, 37.0234, 51.4351



37.9290, 37.0234, 33.5192

Complementary

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



31.7882, 37.0234, 37.3691



32.4021, 30.5922, 35.6512

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.



38.8849, 37.0234, 37.9372



31.7882, 37.0234, 37.3691



37.7695, 37.0234, 48.4565

Square

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



31.7882, 37.0234, 37.3691



34.1464, 37.0234, 51.2479



38.8254, 37.0234, 43.4059



36.2539, 37.0234, 31.0546

Rectangle

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



31.7882, 37.0234, 37.3691



32.2099, 37.0234, 46.3694



38.8254, 37.0234, 43.4059



38.3477, 37.0234, 34.8069

Sweetspot

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



31.7892, 37.0250, 37.3699



65.3365, 70.9602, 75.5642



33.0539, 37.8072, 31.5425



14.4552, 15.7674, 16.7378



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.



31.7892, 37.0250, 37.3699



55.4415, 66.0732, 65.4313



32.8751, 37.3246, 43.5037



7.5930, 8.4703, 8.8431



11.9026, 21.6798, 10.5198



0.3153, 0.5377, 0.3911

Inverse Universe

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



32.4021, 30.5922, 35.6512



56.7635, 52.1968, 61.7241



31.4267, 30.3104, 30.1812



7.6759, 7.6002, 8.6107



13.3390, 6.7443, 6.5967



0.3505, 0.1745, 0.2973

Previews

White Background



This preview shows how the XYZ color 31.7882, 37.0234, 37.3691 looks on a white background.

Color Contrast Check

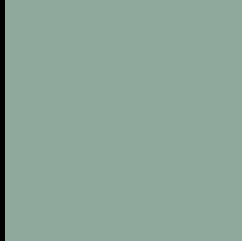
Large Text (above 18pt) WCAG AA × Fail

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 31.7882, 37.0234, 37.3691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

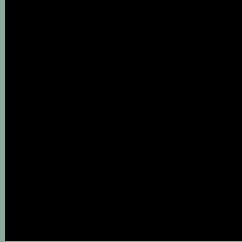
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.7882, 37.0234, 37.3691

Background



This preview shows how black text looks on a background with the XYZ color 31.7882, 37.0234, 37.3691.

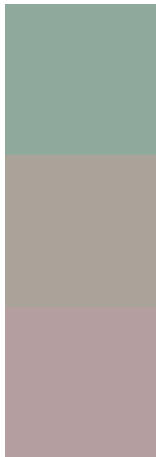


This preview shows how white text looks on a background with the XYZ color 31.7882, 37.0234,

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

31.7882, 37.0234, 37.3691

Protanopia

35.2091, 36.9293, 35.4093

Deuteranopia

37.5409, 36.7807, 37.9216



Tritanopia

34.0896, 37.1358, 48.5512

Trichromacy



Original Color

31.7882, 37.0234, 37.3691

Protanomaly

33.9662, 37.0791, 35.9386

Deuteranomaly

35.0282, 36.5248, 37.5516

Tritanomaly

33.3031, 37.0948, 44.4345

Monochromacy



Original Color

31.7882, 37.0234, 37.3691

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.8599, 35.9241, 38.0030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7882, 37.0234, 37.3691 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(143, 170, 157)` looks like.

```
.text, #text, p{  
    color:rgb(143, 170, 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(143, 170, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 170, 157) }
```

Border

The CSS property to change the border of an element to XYZ 31.7882, 37.0234, 37.3691 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(143, 170, 157) }
```


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

```
.border{ border-color:rgb(143, 170, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 170, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 170, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 170, 157);  
box-shadow:4px 4px 4px 4px rgb(143, 170,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7882, 37.0234, 37.3691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 170, 157) }
```

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

```
.background{ background-color: rgb(143,  
170, 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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