

Converting Colors

XYZ(34.8830, 37.4928, 38.6578)

Have a look what the booklet for
XYZ(34.8830, 37.4928, 38.6578)
contains.

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Color

**XYZ(34.8817, 37.4919,
38.6559)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A6A0
RGB	162, 166, 160
RGB Percent	64%, 65%, 63%
CMY	0.3647, 0.3490, 0.3725
CMYK	0.02, 0.00, 0.04, 0.35
HSL	100°, 3%, 64%
HSV	100°, 4%, 65%
XYZ	34.8817, 37.4919, 38.6559
YIQ	164.1200, -0.4580, -2.7140

Conversions

Conversions Part 2

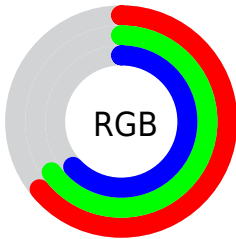
Format	Color
RYB	160, 166, 164
Decimal	10659488
CIELab	67.64, -2.56, 2.60
CIELCh	68, 3.646, 134.564
Yxy	37.4919, 0.3142, 0.3377
Android (android.graphics.Color)	4288849568 (0xFFA2A6A0)
YUV	164.1200, -2.0312, -1.8592
Hunter-Lab	61.2306, -5.4662, 5.4307

Details

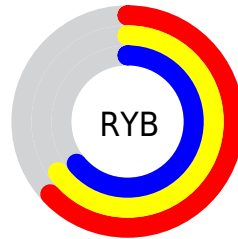
The XYZ color **34.8817, 37.4919, 38.6559** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7650, 35.7883, 41.1538**, and the grayscale version is **35.3541, 37.1953, 40.5057**.

A 20% lighter version of the original color is **66.7375, 71.3709, 74.5485**, and **15.2080, 16.4538, 16.8423** is the 20% darker color. If you saturate the color by 10%, you get **31.3751, 35.8420, 31.4106**, and if you desaturate by 10%, it is **38.7823, 39.3247, 46.9335**.

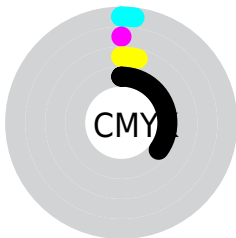
Distribution



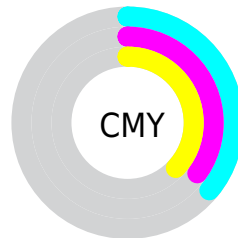
- Red (64%)
- Green (65%)
- Blue (63%)



- Red (63%)
- Yellow (65%)
- Blue (64%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (35%)



- Cyan (36%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8817, 37.4919, 38.6559 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 34.8817, 37.4919, 38.6559 by changing the saturation by 10% instead.

■ 34.8817, 37.4919,
38.6559

■ 34.8817, 37.4919,
38.6559

315.5630,
335.4353, 355.8075

■ 23.7378, 25.5886,
26.1864

■ 66.6377, 71.3287,
74.3269

■ 15.2630, 16.5161,
16.7361

■ 87.9805, 94.0309,
98.3654

■ 9.0917, 9.8901,
9.8866

113.4538,
121.1016, 127.0974

■ 4.8586, 5.3261,
5.2192

143.4227,
152.9251, 160.9413

■ 2.1984, 2.4399,
2.3155

178.2528,
189.8858, 200.3158

■ 0.7419, 0.8463,
0.7399

218.3093,

■ 0.0000, 0.0000,

232.3682, 245.6393

0.0000

263.9576,
280.7565, 297.3303

■ 34.8817, 37.4919,
38.6559

■ 34.8817, 37.4919,
38.6559

■ 31.3751, 35.8420,
31.4106

■ 38.7823, 39.3247,
46.9335

■ 28.2467, 34.3645,
25.1548

■ 43.0860, 41.3409,
56.2790

■ 25.4841, 33.0549,
19.8461

■ 47.8052, 43.5473,
66.7297

■ 23.0730, 31.9070,
15.4383

■ 52.9511, 45.9489,
78.3199

■ 20.9982, 30.9140,
11.8813

■ 58.5343, 48.5505,
91.0827

■ 19.2433, 30.0686,
9.1200

■ 63.8150, 51.0565,
101.0992

■ 17.7901, 29.3628,
7.0930

■ 67.4488, 52.9298,
101.2693

■ 16.6185, 28.7878,
5.7297

■ 71.3117, 54.9212,
101.4501

■ 15.7052, 28.3334,
4.9457

■ 72.9269, 55.7539,
101.5256

Harmonies

Analogous

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



35.3638, 37.4919, 37.8984



34.8817, 37.4919, 38.6559



34.6030, 37.4919, 40.0038

Triad

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



34.8817, 37.4919, 38.6559



35.3480, 37.4919, 43.8801



36.6915, 37.4919, 40.0487

Complementary

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



34.8817, 37.4919, 38.6559



34.7650, 35.7883, 41.1538

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.



36.6872, 37.4919, 41.6519



34.8817, 37.4919, 38.6559



35.9075, 37.4919, 43.8929

Square

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



34.8817, 37.4919, 38.6559



34.8702, 37.4919, 43.0336



36.3989, 37.4919, 43.0682



36.4107, 37.4919, 38.6881

Rectangle

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



34.8817, 37.4919, 38.6559



34.5681, 37.4919, 41.0692



36.3989, 37.4919, 43.0682



36.7235, 37.4919, 40.5764

Sweetspot

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



34.8827, 37.4935, 38.6567



65.0745, 68.8750, 73.8735



35.3480, 37.1976, 38.5751



14.5713, 15.4171, 16.5501



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



34.8827, 37.4935, 38.6567



62.9984, 67.8992, 69.5116



34.5676, 37.3209, 39.1007



8.0507, 8.7069, 8.8346



11.8542, 21.8083, 3.5846



0.3423, 0.5584, 0.0897

Inverse Universe

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



34.7650, 35.7883, 41.1538



62.7584, 64.4228, 74.6024



35.0896, 35.9662, 40.6918



8.0157, 8.1989, 9.5784



10.4420, 4.7665, 28.3452



0.3049, 0.1422, 0.6920

Previews

White Background



This preview shows how the XYZ color 34.8817, 37.4919, 38.6559 looks on a white background.

Color Contrast Check

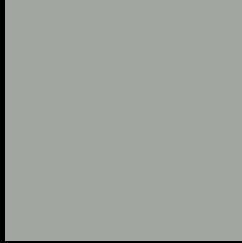
Large Text (above 18pt) WCAG AA × Fail

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 34.8817, 37.4919, 38.6559 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 34.8817, 37.4919, 38.6559

Background



This preview shows how black text looks on a background with the XYZ color 34.8817, 37.4919, 38.6559.



This preview shows how white text looks on a background with the XYZ color 34.8817, 37.4919,

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

34.8817, 37.4919, 38.6559

Protanopia

35.8957, 37.4891, 38.1451

Deuteranopia

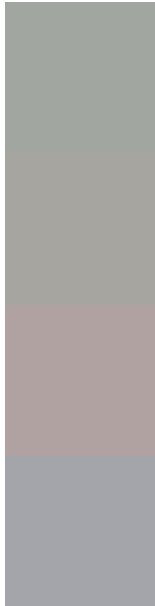
38.1226, 37.3146, 38.9114



Tritanopia

36.6290, 37.6848, 46.4176

Trichromacy



Original Color

34.8817, 37.4919, 38.6559

Protanomaly

35.4390, 37.5205, 38.1752

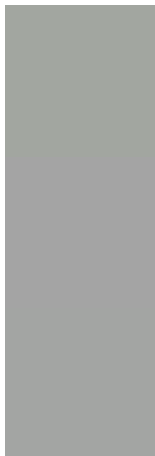
Deuteranomaly

37.0325, 37.5278, 39.0100

Tritanomaly

36.0207, 37.7051, 43.4095

Monochromacy



Original Color

34.8817, 37.4919, 38.6559

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.1702, 37.3411, 40.0042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8817, 37.4919, 38.6559 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(162, 166, 160)` looks like.

```
.text, #text, p{  
    color:rgb(162, 166, 160)  
}
```

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(162, 166, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 166, 160) }
```

Border

The CSS property to change the border of an element to XYZ 34.8817, 37.4919, 38.6559 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(162, 166, 160) }
```


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

```
.border{ border-color:rgb(162, 166, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 166, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 166, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 166, 160);  
box-shadow:4px 4px 4px 4px rgb(162, 166,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8817, 37.4919, 38.6559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 166, 160) }
```

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

```
.background{ background-color: rgb(162,  
166, 160) }
```

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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