

Converting Colors

XYZ(34.8726, 37.3001, 42.9807)

Have a look what the booklet for
XYZ(34.8726, 37.3001, 42.9807)
contains.

| | |
|--|----|
| XYZ(34.8982, 37.4061, 42.9169) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(34.8982, 37.4061,
42.9169)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 9EA6A9 |
| RGB | 158, 166, 169 |
| RGB Percent | 62%, 65%, 66% |
| CMY | 0.3804, 0.3490, 0.3373 |
| CMYK | 0.07, 0.02, 0.00, 0.34 |
| HSL | 196°, 6%, 64% |
| HSV | 196°, 7%, 66% |
| XYZ | 34.8982, 37.4061, 42.9169 |
| YIQ | 163.9500, -5.7310, -0.7630 |

Conversions

Conversions Part 2

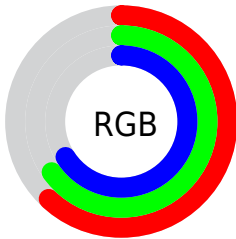
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 158, 163, 169 |
| Decimal | 10397353 |
| CIELab | 67.58, -2.23, -2.54 |
| CIELCh | 68, 3.375, 228.712 |
| Yxy | 37.4061, 0.3029, 0.3246 |
| Android (android.graphics.Color) | 4288587433 (0xFF9EA6A9) |
| YUV | 163.9500, 2.4897, -5.2181 |
| Hunter-Lab | 61.1605, -5.1788, 1.2080 |

Details

The XYZ color **34.8982, 37.4061, 42.9169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2788, 36.3931, 37.5135**, and the grayscale version is **35.2542, 37.0901, 40.3912**.

A 20% lighter version of the original color is **66.7516, 71.2409, 80.7537**, and **15.2916, 16.4448, 19.1978** is the 20% darker color. If you saturate the color by 10%, you get **30.9779, 34.1655, 42.4986**, and if you desaturate by 10%, it is **39.3078, 40.9455, 43.3682**.

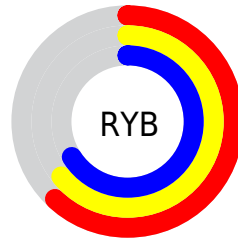
Distribution



Red (62%)

Green (65%)

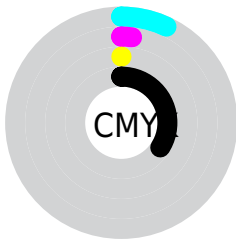
Blue (66%)



Red (62%)

Yellow (64%)

Blue (66%)

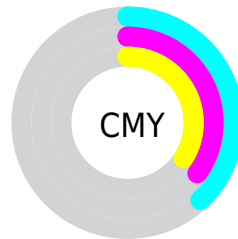


Cyan (7%)

Magenta (2%)

Yellow (0%)

Black (34%)



Cyan (38%)

Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8982, 37.4061, 42.9169 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 34.8982, 37.4061, 42.9169 by changing the saturation by 10% instead.

■ 34.8982, 37.4061,
42.9169

■ 34.8982, 37.4061,
42.9169

315.6347,
335.0654, 374.1811

■ 23.7506, 25.5221,
29.4890

■ 66.6631, 71.1969,
80.8705

■ 15.2725, 16.4664,
19.2023

■ 88.0111, 93.8725,
106.2332

■ 9.0984, 9.8548,
11.6383

113.4900,
120.9141, 136.4113

■ 4.8630, 5.3028,
6.3783

143.4651,
152.7060, 171.8233

■ 2.2011, 2.4260,
3.0040

178.3017,
189.6327, 212.8877

■ 0.7433, 0.8392,
1.0967

218.3653,

■ 0.0000, 0.0000,

232.0786, 260.0231

0.0000

264.0212,
280.4280, 313.6481

■ 34.8982, 37.4061,
42.9169

■ 34.8982, 37.4061,
42.9169

■ 30.9779, 34.1655,
42.4986

■ 39.3078, 40.9455,
43.3682

■ 27.5249, 31.2088,
42.1099

■ 44.2212, 44.7886,
43.8511

■ 24.5200, 28.5268,
41.7506

■ 49.6565, 48.9460,
44.3671

■ 21.9417, 26.1077,
41.4196

■ 55.6296, 53.4266,
44.9171

■ 19.7665, 23.9391,
41.1156

■ 62.1560, 58.2387,
45.5019

■ 17.9683, 22.0069,
40.8374

■ 67.6121, 62.5458,
46.0457

■ 16.5181, 20.2958,
40.5836

■ 68.6505, 64.6225,
46.3918

■ 15.3820, 18.7878,
40.3524

■ 69.7209, 66.7633,
46.7486

■ 14.5131, 17.4581,
40.1415

■ 70.8236, 68.9687,
47.1162

Harmonies

Analogous

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



34.6155, 37.4061, 41.6537



34.8982, 37.4061, 42.9169



35.3582, 37.4061, 43.5997

Triad

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



34.8982, 37.4061, 42.9169



36.5422, 37.4061, 41.2915



35.2338, 37.4061, 38.0785

Complementary

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



34.8982, 37.4061, 42.9169



35.2788, 36.3931, 37.5135

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.



35.7493, 37.4061, 37.9869



34.8982, 37.4061, 42.9169



36.5081, 37.4061, 39.8178

Square

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



34.8982, 37.4061, 42.9169



36.3094, 37.4061, 42.6462



36.2167, 37.4061, 38.6165



34.8079, 37.4061, 38.8699

Rectangle

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



34.8982, 37.4061, 42.9169



35.7049, 37.4061, 43.6231



36.2167, 37.4061, 38.6165



35.4023, 37.4061, 37.9656

Sweetspot

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



34.8993, 37.4077, 42.9177



65.9234, 69.7616, 77.2159



34.7163, 38.2165, 39.2348



14.3882, 15.2208, 16.8317



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.



34.8993, 37.4077, 42.9177



61.2951, 66.0093, 76.7356



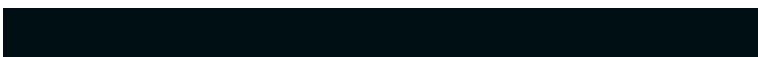
33.9319, 35.4729, 42.5953



7.5721, 8.1812, 9.5984



10.6577, 12.7756, 29.8797



0.2984, 0.3891, 0.7400

Inverse Universe

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



35.4728, 35.6426, 41.0883



62.5711, 62.1149, 72.6582



36.2495, 38.3345, 37.8371



7.7534, 7.6312, 9.0185



14.8801, 7.3608, 14.7121



0.3818, 0.1870, 0.4620

Previews

White Background



This preview shows how the XYZ color 34.8982, 37.4061, 42.9169 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 34.8982, 37.4061, 42.9169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

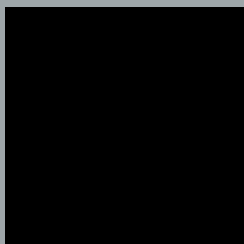
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

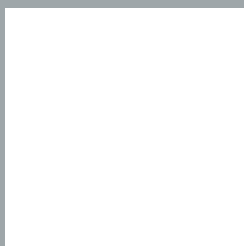
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.8982, 37.4061, 42.9169

Background



This preview shows how black text looks on a background with the XYZ color 34.8982, 37.4061, 42.9169.



This preview shows how white text looks on a background with the XYZ color 34.8982, 37.4061,

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

34.8982, 37.4061, 42.9169

Protanopia

36.0692, 37.4851, 42.3801

Deuteranopia

38.0139, 37.1635, 43.1999



Tritanopia

35.7891, 37.4955, 47.4706

Trichromacy



Original Color

34.8982, 37.4061, 42.9169

Protanomaly

35.6273, 37.5240, 42.4109

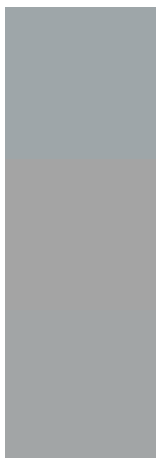
Deuteranomaly

36.9706, 37.4009, 43.3007

Tritanomaly

35.4911, 37.3763, 45.9012

Monochromacy



Original Color

34.8982, 37.4061, 42.9169

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.2384, 37.3448, 41.4274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8982, 37.4061, 42.9169 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(158, 166, 169) looks like.

```
.text, #text, p{  
    color:rgb(158, 166, 169)  
}
```

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(158, 166, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 166, 169) }
```

Border

The CSS property to change the border of an element to XYZ 34.8982, 37.4061, 42.9169 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(158, 166, 169) }
```


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

```
.border{ border-color:rgb(158, 166, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 166, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 166, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 166, 169);  
box-shadow:4px 4px 4px 4px rgb(158, 166,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8982, 37.4061, 42.9169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 166, 169) }
```

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

```
.background{ background-color: rgb(158,  
166, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor