

Converting Colors

XYZ(34.9974, 38.8810, 42.9476)

Have a look what the booklet for
XYZ(34.9974, 38.8810, 42.9476)
contains.

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Color

**XYZ(34.9572, 38.8230,
42.6969)**

Conversions

Conversions Part 1

Format	Color
Hex	9AABA8
RGB	154, 171, 168
RGB Percent	60%, 67%, 66%
CMY	0.3961, 0.3294, 0.3412
CMYK	0.10, 0.00, 0.02, 0.33
HSL	169°, 9%, 64%
HSV	169°, 10%, 67%
XYZ	34.9572, 38.8230, 42.6969
YIQ	165.5750, -9.1690, -4.5370

Conversions

Conversions Part 2

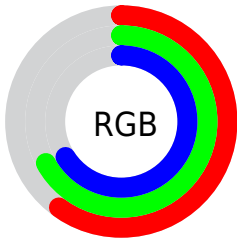
Format	Color
RYB	154, 163, 171
Decimal	10136488
CIELab	68.62, -6.52, -0.49
CIELCh	69, 6.536, 184.279
Yxy	38.8230, 0.3001, 0.3333
Android (android.graphics.Color)	4288326568 (0xFF9AABA8)
YUV	165.5750, 1.1955, -10.1513
Hunter-Lab	62.3081, -8.8939, 2.9869

Details

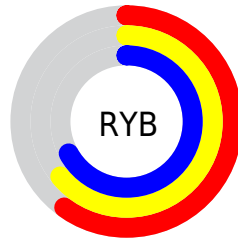
The XYZ color **34.9572, 38.8230, 42.6969** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4374, 34.2044, 36.6872**, and the grayscale version is **36.0390, 37.9158, 41.2903**.

A 20% lighter version of the original color is **66.5281, 73.1303, 80.4212**, and **15.3427, 17.3382, 19.0609** is the 20% darker color. If you saturate the color by 10%, you get **31.6537, 37.1532, 41.0913**, and if you desaturate by 10%, it is **38.7331, 40.7377, 44.3604**.

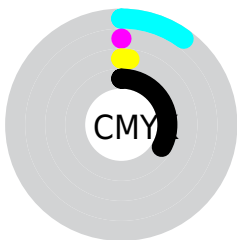
Distribution



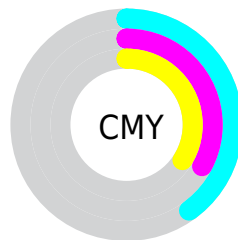
- Red (60%)
- Green (67%)
- Blue (66%)



- Red (60%)
- Yellow (64%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (33%)



- Cyan (40%)
- Magenta (33%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9572, 38.8230, 42.6969 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 34.9572, 38.8230, 42.6969 by changing the saturation by 10% instead.

■ 34.9572, 38.8230,
42.6969

■ 34.9572, 38.8230,
42.6969

315.8907,
341.1374, 373.2483

■ 23.7963, 26.6221,
29.3177

■ 66.7539, 73.3678,
80.5347

■ 15.3065, 17.2896,
19.0737

■ 88.1204, 96.4805,
105.8304

■ 9.1225, 10.4412,
11.5462

113.6195,
123.9993, 135.9354

■ 4.8789, 5.6924,
6.3167

143.6165,
156.3084, 171.2682

■ 2.2104, 2.6590,
2.9667

178.4767,
193.7924, 212.2474

■ 0.7482, 0.9564,
1.0777

218.5656,

■ 0.0000, 0.0000,

236.8357, 259.2914

0.0000

264.2485,
285.8225, 312.8189

■ 34.9572, 38.8230,
42.6969

■ 34.9572, 38.8230,
42.6969

■ 31.6537, 37.1532,
41.0913

■ 38.7331, 40.7377,
44.3604

■ 28.7999, 35.7134,
39.5398

■ 42.9965, 42.9019,
46.0802

■ 26.3757, 34.4943,
38.0421

■ 47.7659, 45.3262,
47.8582

■ 24.3587, 33.4844,
36.5968

■ 53.0579, 48.0192,
49.6955

■ 22.7241, 32.6709,
35.2027

■ 58.8882, 50.9888,
51.5930

■ 21.4445, 32.0397,
33.8581

■ 64.6795, 53.9376,
53.5239

■ 20.4888, 31.5747,
32.5613

■ 65.0043, 54.0675,
55.2344

■ 19.8203, 31.2571,
31.3106

■ 65.3359, 54.2002,
56.9809

■ 19.3593, 31.0457,
30.1017

■ 65.6745, 54.3356,
58.7636

Harmonies

Analogous

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



35.1418, 38.8230, 39.8539



34.9572, 38.8230, 42.6969



35.2852, 38.8230, 45.5526

Triad

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



34.9572, 38.8230, 42.6969



38.0286, 38.8230, 47.1416



37.7677, 38.8230, 37.3575

Complementary

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



34.9572, 38.8230, 42.6969



34.4374, 34.2044, 36.6872

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.



38.5635, 38.8230, 39.1522



34.9572, 38.8230, 42.6969



38.7161, 38.8230, 44.7853

Square

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



34.9572, 38.8230, 42.6969



37.0483, 38.8230, 48.1934



38.9137, 38.8230, 41.8492



36.7523, 38.8230, 36.8560

Rectangle

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



34.9572, 38.8230, 42.6969



35.7541, 38.8230, 47.0534



38.9137, 38.8230, 41.8492



38.0703, 38.8230, 37.8253

Sweetspot

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



34.9583, 38.8246, 42.6978



67.1708, 71.8426, 78.5063



34.3242, 38.6404, 36.2217



14.8574, 15.9593, 17.4542



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.



34.9583, 38.8246, 42.6978



61.1898, 68.8129, 75.8041



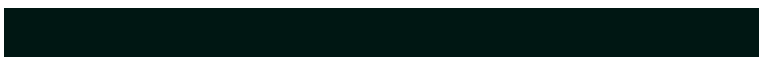
34.2449, 36.9450, 43.8562



8.1747, 9.0474, 9.9450



14.6088, 23.4088, 22.7774



0.4221, 0.6575, 0.7161

Inverse Universe

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



34.4374, 34.2044, 36.6872



60.0616, 58.8052, 62.7854



35.0928, 35.9206, 35.6562



8.0608, 8.0376, 8.6312



12.8535, 6.6040, 1.6083



0.3744, 0.1905, 0.1334

Previews

White Background



This preview shows how the XYZ color 34.9572, 38.8230, 42.6969 looks on a white background.

Color Contrast Check

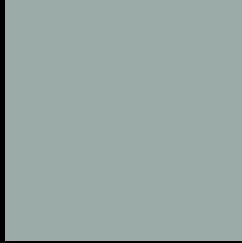
Large Text (above 18pt) WCAG AA × Fail

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 34.9572, 38.8230, 42.6969 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

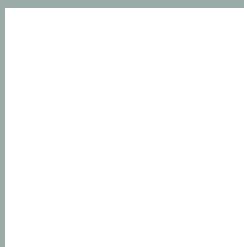
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.9572, 38.8230, 42.6969

Background



This preview shows how black text looks on a background with the XYZ color 34.9572, 38.8230, 42.6969.



This preview shows how white text looks on a background with the XYZ color 34.9572, 38.8230,

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

34.9572, 38.8230, 42.6969

Protanopia

37.0053, 38.5351, 41.0849

Deuteranopia

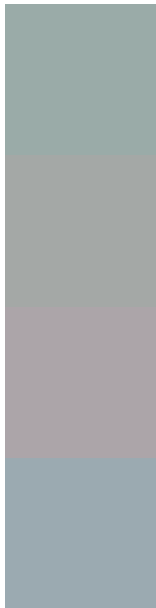
39.4674, 38.6880, 43.4176



Tritanopia

36.3418, 38.8213, 49.8338

Trichromacy



Original Color

34.9572, 38.8230, 42.6969

Protanomaly

36.1954, 38.6510, 41.6291

Deuteranomaly

37.6298, 38.5455, 42.9928

Tritanomaly

35.8281, 38.8923, 47.2136

Monochromacy



Original Color

34.9572, 38.8230, 42.6969

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.8780, 38.4767, 42.0950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9572, 38.8230, 42.6969 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(154, 171, 168)` looks like.

```
.text, #text, p{  
    color:rgb(154, 171, 168)  
}
```

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(154, 171, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 171, 168) }
```

Border

The CSS property to change the border of an element to XYZ 34.9572, 38.8230, 42.6969 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(154, 171, 168) }
```


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

```
.border{ border-color:rgb(154, 171, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 171, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 171, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 171, 168);  
box-shadow:4px 4px 4px 4px rgb(154, 171,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9572, 38.8230, 42.6969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 171, 168) }
```

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

```
.background{ background-color: rgb(154,  
171, 168) }
```

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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