

Converting Colors

XYZ(38.0414, 40.9672, 43.4386)

Have a look what the booklet for
XYZ(38.0414, 40.9672, 43.4386)
contains.

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Color

**XYZ(38.0414, 40.9672,
43.4386)**

Conversions

Conversions Part 1

Format	Color
Hex	A7ADA9
RGB	167, 173, 169
RGB Percent	65%, 68%, 66%
CMY	0.3451, 0.3216, 0.3372
CMYK	0.03, 0.00, 0.02, 0.32
HSL	140°, 4%, 67%
HSV	140°, 3%, 68%
XYZ	38.0414, 40.9672, 43.4386
YIQ	170.7500, -2.2920, -2.5160

Conversions

Conversions Part 2

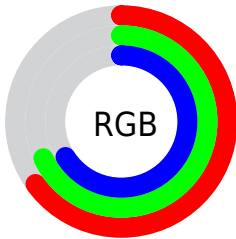
Format	Color
RYB	167, 172, 173
Decimal	10988969
CIELab	70.15, -2.87, 1.31
CIELCh	70, 3.156, 155.525
Yxy	40.9672, 0.3107, 0.3346
Android (android.graphics.Color)	4289179049 (0xFFA7ADA9)
YUV	170.7500, -0.8627, -3.2887
Hunter-Lab	64.0056, -5.9193, 4.5657

Details

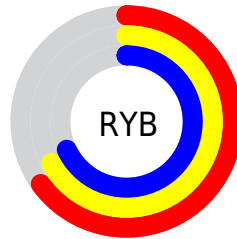
The XYZ color **38.0414, 40.9672, 43.4386** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4045, 39.4631, 44.1232**, and the grayscale version is **38.5893, 40.5989, 44.2122**.

A 20% lighter version of the original color is **71.3221, 76.3982, 81.5083**, and **17.1185, 18.6039, 19.5183** is the 20% darker color. If you saturate the color by 10%, you get **33.5926, 38.7946, 37.8243**, and if you desaturate by 10%, it is **43.0770, 43.4336, 49.5810**.

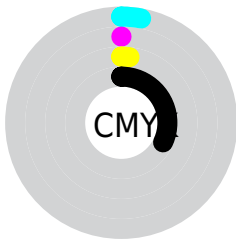
Distribution



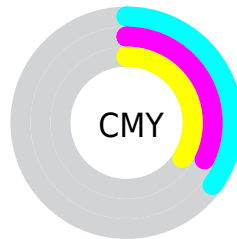
- Red (65%)
- Green (68%)
- Blue (66%)



- Red (65%)
- Yellow (67%)
- Blue (68%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (32%)



- Cyan (35%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0414, 40.9672, 43.4386 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 38.0414, 40.9672, 43.4386 by changing the saturation by 10% instead.

■ 38.0414, 40.9672,
43.4386

■ 38.0414, 40.9672,
43.4386

329.0753,
350.1835, 376.3865

■ 26.1922, 28.2935,
29.8955

■ 71.4751, 76.6341,
81.6658

■ 17.1009, 18.5470,
19.5079

■ 93.7902, 100.3960,
107.1868

■ 10.4022, 11.3434,
11.8573

120.3248,
128.6228, 137.5376

■ 5.7307, 6.2983,
6.5252

151.4440,
161.6989, 173.1367

■ 2.7212, 3.0273,
3.0931

187.5134,
200.0086, 214.4026

■ 1.0081, 1.1460,
1.1424

228.8981,

■ 0.0000, 0.0169,

243.9363, 261.7538

0.0000

275.9636,
293.8665, 315.6089

■ 0.0000, 0.0000,
0.0000

■ 38.0414, 40.9672,
43.4386

■ 38.0414, 40.9672,
43.4386

■ 33.5926, 38.7946,
37.8243

■ 43.0770, 43.4336,
49.5810

■ 29.7056, 36.8997,
32.7216

■ 48.7166, 46.1989,
56.2620

■ 26.3582, 35.2725,
28.1168

■ 54.9809, 49.2746,
63.4955

■ 23.5259, 33.9007,
23.9949

■ 61.8886, 52.6702,
71.2939

■ 21.1818, 32.7707,
20.3400

■ 69.4574, 56.3946,
79.6690

■ 19.2967, 31.8679,
17.1354

■ 71.6494, 57.3347,
88.3493

■ 17.8381, 31.1758,
14.3633

■ 73.4016, 58.0356,
97.5762

■ 16.7691, 30.6758,
12.0046

■ 74.2343, 58.3687,
101.9614

■ 16.0455, 30.3455,
10.0388

Harmonies

Analogous

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



38.3640, 40.9672, 42.3319



38.0414, 40.9672, 43.4386



37.9582, 40.9672, 44.8807

Triad

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



38.0414, 40.9672, 43.4386



39.0338, 40.9672, 47.4969



39.7518, 40.9672, 42.9744

Complementary

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



38.0414, 40.9672, 43.4386



38.4045, 39.4631, 44.1232

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.



39.9347, 40.9672, 44.3331



38.0414, 40.9672, 43.4386



39.5179, 40.9672, 46.9608

Square

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



38.0414, 40.9672, 43.4386



38.5282, 40.9672, 47.2447



39.8488, 40.9672, 45.7948



39.3509, 40.9672, 42.0680

Rectangle

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



38.0414, 40.9672, 43.4386



38.0490, 40.9672, 45.8429



39.8488, 40.9672, 45.7948



39.8410, 40.9672, 43.3922

Sweetspot

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



38.0426, 40.9690, 43.4395



70.2416, 74.4033, 80.4031



38.7366, 41.3483, 42.4993



15.2758, 16.1748, 17.4866



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.



38.0426, 40.9690, 43.4395



67.6215, 73.1216, 77.1642



38.3181, 41.0792, 44.8907



8.4882, 9.2153, 9.6797



11.5567, 22.1880, 6.7053



0.3473, 0.6276, 0.3224

Inverse Universe

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



38.4045, 39.4631, 44.1232



68.3789, 69.9707, 78.5948



38.1308, 39.3536, 42.6819



8.5973, 8.7616, 9.8857



14.9767, 7.4532, 12.7886



0.4406, 0.2169, 0.4820

Previews

White Background



This preview shows how the XYZ color 38.0414, 40.9672, 43.4386 looks on a white background.

Color Contrast Check

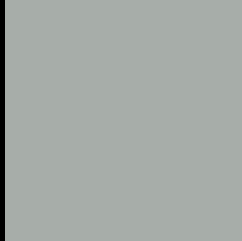
Large Text (above 18pt) WCAG AA × Fail

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 38.0414, 40.9672, 43.4386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

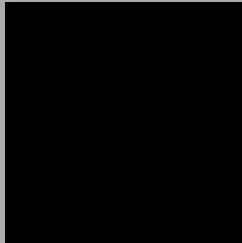
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

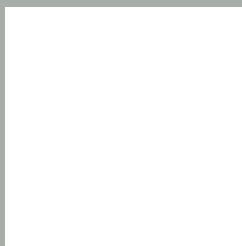
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0414, 40.9672, 43.4386

Background



This preview shows how black text looks on a background with the XYZ color 38.0414, 40.9672, 43.4386.



This preview shows how white text looks on a background with the XYZ color 38.0414, 40.9672,

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

38.0414, 40.9672, 43.4386

Protanopia

39.3100, 41.0669, 42.9006

Deuteranopia

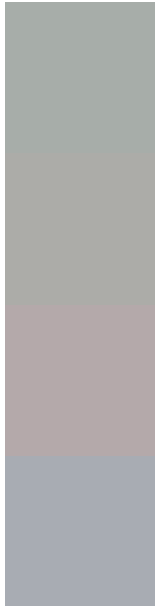
41.6310, 40.8661, 43.7240



Tritanopia

39.5768, 41.0215, 51.1794

Trichromacy



Original Color

38.0414, 40.9672, 43.4386

Protanomaly

38.8337, 41.1029, 42.9327

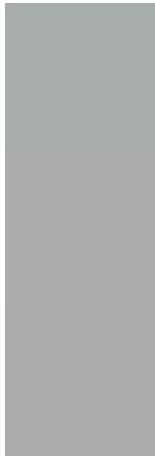
Deuteranomaly

40.2661, 40.9815, 43.8182

Tritanomaly

39.0377, 41.0846, 48.5204

Monochromacy



Original Color

38.0414, 40.9672, 43.4386

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.5858, 40.9534, 43.9013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0414, 40.9672, 43.4386 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(167, 173, 169)` looks like.

```
.text, #text, p{  
    color:rgb(167, 173, 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(167, 173, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 173, 169) }
```

Border

The CSS property to change the border of an element to XYZ 38.0414, 40.9672, 43.4386 is called "border". The border property can be set on classes, ids or directly on the HTML element.

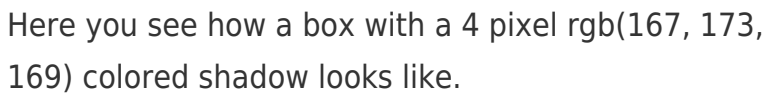
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 173, 169) }
```


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

```
.border{ border-color:rgb(167, 173, 169) }
```

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



Here you see how a box with a 4 pixel rgb(167, 173, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 173, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 173, 169);  
box-shadow:4px 4px 4px 4px rgb(167, 173,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0414, 40.9672, 43.4386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 173, 169) }
```

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

```
.background{ background-color: rgb(167,  
173, 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](#).

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