

Converting Colors

XYZ(37.4009, 38.4911, 41.8398)

Have a look what the booklet for
XYZ(37.4009, 38.4911, 41.8398)
contains.

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Color

**XYZ(37.4434, 38.4709,
42.0114)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA5A7
RGB	172, 165, 167
RGB Percent	67%, 65%, 65%
CMY	0.3255, 0.3529, 0.3451
CMYK	0.00, 0.04, 0.03, 0.33
HSL	343°, 4%, 66%
HSV	343°, 4%, 67%
XYZ	37.4434, 38.4709, 42.0114
YIQ	167.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

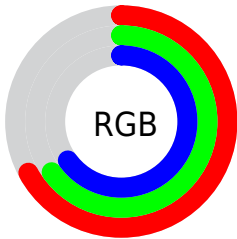
Format	Color
RYB	172, 165, 167
Decimal	11314599
CIELab	68.37, 2.89, -0.14
CIELCh	68, 2.891, 357.177
Yxy	38.4709, 0.3175, 0.3262
Android (android.graphics.Color)	4289504679 (0xFFACA5A7)
YUV	167.3210, -0.1583, 4.1035
Hunter-Lab	62.0249, -0.7861, 3.2585

Details

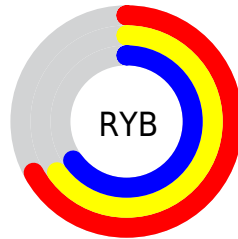
The XYZ color **37.4434, 38.4709, 42.0114** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5266, 40.4076, 43.8536**, and the grayscale version is **36.8875, 38.8085, 42.2625**.

A 20% lighter version of the original color is **70.4566, 72.7912, 79.4439**, and **16.7454, 17.0411, 18.6263** is the 20% darker color. If you saturate the color by 10%, you get **33.4648, 32.2460, 35.3434**, and if you desaturate by 10%, it is **41.9495, 45.5768, 49.3889**.

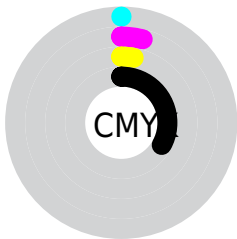
Distribution



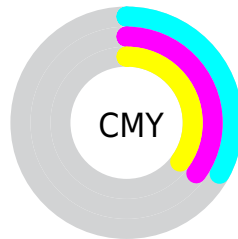
- Red (67%)
- Green (65%)
- Blue (65%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (33%)



- Cyan (33%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4434, 38.4709, 42.0114 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 37.4434, 38.4709, 42.0114 by changing the saturation by 10% instead.

■ 37.4434, 38.4709,
42.0114

■ 37.4434, 38.4709,
42.0114

326.5485,
339.6357, 370.3312

■ 25.7262, 26.3484,
28.7846

■ 70.5636, 72.8293,
79.4872

■ 16.7505, 17.0844,
18.6737

■ 92.6974, 95.8340,
104.5732

■ 10.1510, 10.2947,
11.2604

119.0341,
123.2349, 134.4493

■ 5.5622, 5.5948,
6.1259

149.9390,
155.4163, 169.5342

■ 2.6189, 2.6003,
2.8517

185.7776,
192.7627, 210.2463

■ 0.9556, 0.9268,
1.0194

226.9151,

■ 0.0000, 0.0000,

235.6585, 257.0041

0.0000

273.7170,
284.4880, 310.2262

■ 37.4434, 38.4709,
42.0114

■ 37.4434, 38.4709,
42.0114

■ 33.4648, 32.2460,
35.3434

■ 41.9495, 45.5768,
49.3889

■ 29.9908, 26.8628,
29.3613

■ 46.9982, 53.5912,
57.4939

■ 27.0017, 22.2865,
24.0434

■ 52.6083, 62.5463,
66.3467

■ 24.4754, 18.4779,
19.3661

■ 58.7964, 72.4714,
75.9660

■ 22.3878, 15.3945,
15.3044

■ 65.5787, 83.3946,
86.3699

■ 20.7127, 12.9896,
11.8315

■ 68.6125, 86.6264,
96.1233

■ 19.4208, 11.2110,
8.9186

■ 70.5086, 87.3848,
106.1084

■ 18.4789, 9.9989,
6.5339

■ 70.8235, 87.5108,
107.7662

■ 17.8475, 9.2816,
4.6420

Harmonies

Analogous

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



37.3032, 38.4709, 43.2567



37.4434, 38.4709, 42.0114



37.3467, 38.4709, 40.7578

Triad

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



37.4434, 38.4709, 42.0114



36.1686, 38.4709, 39.7055



36.0948, 38.4709, 44.0224

Complementary

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



37.4434, 38.4709, 42.0114



37.5266, 40.4076, 43.8536

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.



35.7951, 38.4709, 43.0394



37.4434, 38.4709, 42.0114



35.8375, 38.4709, 40.5490

Square

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



37.4434, 38.4709, 42.0114



36.6084, 38.4709, 39.4429



35.7013, 38.4709, 41.7654



36.5225, 38.4709, 44.4327

Rectangle

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



37.4434, 38.4709, 42.0114



37.1614, 38.4709, 40.0830



35.7013, 38.4709, 41.7654



35.9758, 38.4709, 43.7470

Sweetspot

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



37.4445, 38.4726, 42.0122



70.3192, 73.5535, 80.1593



37.4587, 38.4254, 44.4727



15.2918, 16.0003, 17.4366



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.



37.4445, 38.4726, 42.0122



67.1484, 68.5681, 74.9213



37.5150, 38.9069, 41.1318



8.4428, 8.5952, 9.3942



13.0957, 6.7008, 2.8833



0.3881, 0.1959, 0.2055

Inverse Universe

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



37.4445, 38.4726, 42.0122



67.1484, 68.5681, 74.9213



37.4521, 39.9539, 44.7681



8.4428, 8.5952, 9.3942



13.0957, 6.7008, 2.8833



0.3881, 0.1959, 0.2055

Previews

White Background



This preview shows how the XYZ color 37.4434, 38.4709, 42.0114 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 37.4434, 38.4709, 42.0114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

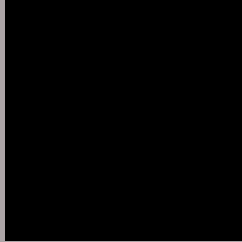
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4434, 38.4709, 42.0114

Background



This preview shows how black text looks on a background with the XYZ color 37.4434, 38.4709, 42.0114.

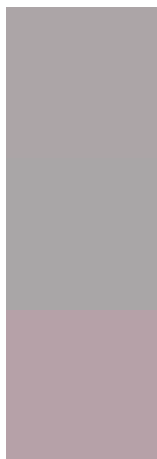


This preview shows how white text looks on a background with the XYZ color 37.4434, 38.4709,

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

37.4434, 38.4709, 42.0114

Protanopia

36.9735, 38.4975, 42.0413

Deuteranopia

39.1042, 38.2620, 42.3701



Tritanopia

38.3455, 38.5697, 46.4980

Trichromacy



Original Color

37.4434, 38.4709, 42.0114

Protanomaly

37.1888, 38.6085, 42.0513

Deuteranomaly

38.3483, 38.1328, 42.3850

Tritanomaly

38.0519, 38.4523, 44.9516

Monochromacy



Original Color

37.4434, 38.4709, 42.0114

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.9735, 38.4975, 42.0413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4434, 38.4709, 42.0114 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(172, 165, 167)` looks like.

```
.text, #text, p{  
    color:rgb(172, 165, 167)  
}
```

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(172, 165, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 165, 167) }
```

Border

The CSS property to change the border of an element to XYZ 37.4434, 38.4709, 42.0114 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(172, 165, 167) }
```


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

```
.border{ border-color:rgb(172, 165, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 165, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 165, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 165, 167);  
box-shadow:4px 4px 4px 4px rgb(172, 165,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4434, 38.4709, 42.0114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 165, 167) }
```

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

```
.background{ background-color: rgb(172,  
165, 167) }
```

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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