

Converting Colors

XYZ(38.3810, 39.9002, 42.6271)

Have a look what the booklet for
XYZ(38.3810, 39.9002, 42.6271)
contains.

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Color

**XYZ(38.4894, 40.0873,
42.7548)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA9A8
RGB	173, 169, 168
RGB Percent	68%, 66%, 66%
CMY	0.3216, 0.3372, 0.3412
CMYK	0.00, 0.02, 0.03, 0.32
HSL	12°, 3%, 67%
HSV	12°, 3%, 68%
XYZ	38.4894, 40.0873, 42.7548
YIQ	170.0820, 2.7050, 0.5370

Conversions

Conversions Part 2

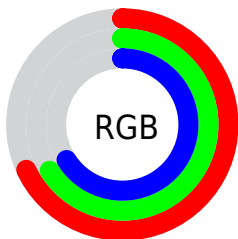
Format	Color
RYB	173, 169, 168
Decimal	11381160
CIELab	69.53, 1.25, 1.01
CIELCh	70, 1.606, 39.115
Yxy	40.0873, 0.3172, 0.3304
Android (android.graphics.Color)	4289571240 (0xFFADA9A8)
YUV	170.0820, -1.0264, 2.5591
Hunter-Lab	63.3145, -2.2889, 4.2830

Details

The XYZ color **38.4894, 40.0873, 42.7548** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4438, 40.8464, 45.3936**, and the grayscale version is **38.2543, 40.2465, 43.8284**.

A 20% lighter version of the original color is **71.9698, 75.1330, 80.5209**, and **17.3988, 18.0485, 19.0897** is the 20% darker color. If you saturate the color by 10%, you get **34.5459, 34.6099, 34.0107**, and if you desaturate by 10%, it is **42.9218, 46.1983, 52.7208**.

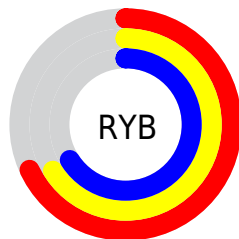
Distribution



Red (68%)

Green (66%)

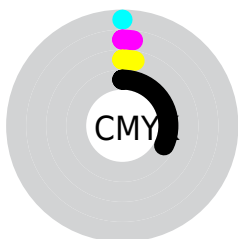
Blue (66%)



Red (68%)

Yellow (66%)

Blue (66%)

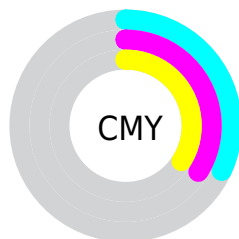


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (32%)



Cyan (32%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4894, 40.0873, 42.7548 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 38.4894, 40.0873, 42.7548 by changing the saturation by 10% instead.

■ 38.4894, 40.0873,
42.7548

■ 38.4894, 40.0873,
42.7548

330.9594,
346.4914, 373.4940

■ 26.5417, 27.6066,
29.3628

■ 72.1567, 75.2964,
80.6231

■ 17.3641, 18.0293,
19.1075

■ 94.6070, 98.7937,
105.9365

■ 10.5913, 10.9710,
11.5704

121.2889,
126.7319, 136.0607

■ 5.8580, 6.0474,
6.3329

152.5677,
159.4955, 171.4144

■ 2.7988, 2.8739,
2.9765

188.8088,
197.4688, 212.4160

■ 1.0483, 1.0663,
1.0826

230.3776,

■ 0.0000, 0.0000,

241.0363, 259.4841

0.0000

277.6393,
290.5824, 313.0372

■ 38.4894, 40.0873,
42.7548

■ 38.4894, 40.0873,
42.7548

■ 34.5459, 34.6099,
34.0107

■ 42.9218, 46.1983,
52.7208

■ 31.0710, 29.7406,
26.4387

■ 47.8557, 52.9569,
63.9506

■ 28.0482, 25.4599,
19.9897

■ 53.3075, 60.3834,
76.4873

■ 25.4583, 21.7453,
14.6100

■ 59.2918, 68.4954,
90.3712

■ 23.2812, 18.5728,
10.2412

■ 65.8225, 77.3100,
105.6408

■ 21.4948, 15.9166,
6.8198

■ 70.0885, 85.7137,
107.4581

■ 20.0750, 13.7490,
4.2746

■ 71.0438, 87.6243,
107.7765

■ 18.9947, 12.0394,
2.5244

■ 18.2229, 10.7533,
1.4727

Harmonies

Analogous

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



38.5955, 40.0873, 43.4227



38.4894, 40.0873, 42.7548



38.2796, 40.0873, 42.3295

Triad

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



38.4894, 40.0873, 42.7548



37.6385, 40.0873, 43.1419



38.1807, 40.0873, 45.0714

Complementary

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



38.4894, 40.0873, 42.7548



38.4438, 40.8464, 45.3936

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.



37.9246, 40.0873, 44.9941



38.4894, 40.0873, 42.7548



37.6123, 40.0873, 43.8745

Square

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



38.4894, 40.0873, 42.7548



37.7885, 40.0873, 42.5512



37.7168, 40.0873, 44.5541



38.4168, 40.0873, 44.7640

Rectangle

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



38.4894, 40.0873, 42.7548



38.1095, 40.0873, 42.2379



37.7168, 40.0873, 44.5541



38.0941, 40.0873, 45.0896

Sweetspot

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



38.4905, 40.0890, 42.7557



70.3529, 73.7587, 79.7458



38.6831, 39.8687, 44.6868



15.2987, 16.0424, 17.3516



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.



38.4905, 40.0890, 42.7557



68.8124, 71.6286, 76.3010



38.9595, 41.0270, 42.9120



8.6375, 8.9694, 9.5067



13.1295, 7.4646, 0.7488



0.4022, 0.2815, 0.0331

Inverse Universe

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



38.4438, 40.8464, 45.3936



68.7240, 73.0597, 81.2855



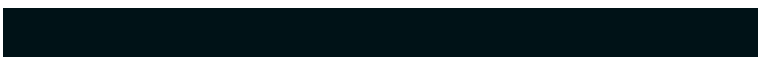
37.9730, 39.9049, 45.2367



8.6240, 9.1891, 10.2718



12.2902, 15.7142, 31.4299



0.3761, 0.5056, 0.8857

Previews

White Background



This preview shows how the XYZ color 38.4894, 40.0873, 42.7548 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 38.4894, 40.0873, 42.7548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

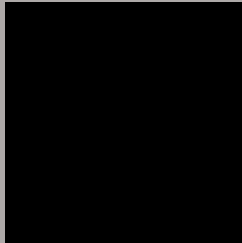
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

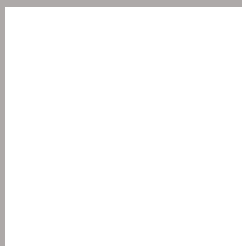
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.4894, 40.0873, 42.7548

Background



This preview shows how black text looks on a background with the XYZ color 38.4894, 40.0873, 42.7548.

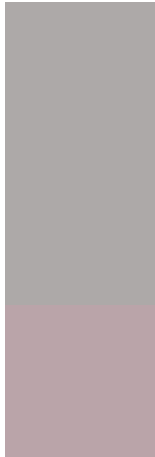


This preview shows how white text looks on a background with the XYZ color 38.4894, 40.0873,

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

38.4894, 40.0873, 42.7548

Protanopia

38.4894, 40.0873, 42.7548

Deuteranopia

40.6866, 39.8546, 43.0844



Tritanopia

39.7361, 40.0467, 48.8155

Trichromacy



Original Color

38.4894, 40.0873, 42.7548

Protanomaly

38.4894, 40.0873, 42.7548

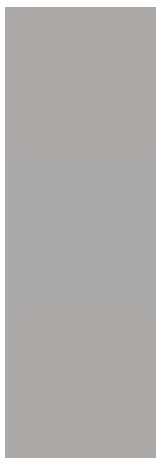
Deuteranomaly

39.8537, 39.9608, 43.1488

Tritanomaly

39.2947, 40.1385, 46.7508

Monochromacy



Original Color

38.4894, 40.0873, 42.7548

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.3307, 40.2720, 43.2891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4894, 40.0873, 42.7548 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(173, 169, 168)` looks like.

```
.text, #text, p{  
    color:rgb(173, 169, 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(173, 169, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 169, 168) }
```

Border

The CSS property to change the border of an element to XYZ 38.4894, 40.0873, 42.7548 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(173, 169, 168) }
```


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

```
.border{ border-color:rgb(173, 169, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 169, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 169, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 169, 168);  
box-shadow:4px 4px 4px 4px rgb(173, 169,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4894, 40.0873, 42.7548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 169, 168) }
```

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

```
.background{ background-color: rgb(173,  
169, 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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