

Converting Colors

XYZ(38.9754, 40.3592, 41.8123)

Have a look what the booklet for
XYZ(38.9754, 40.3592, 41.8123)
contains.

XYZ(38.9754, 40.3592, 41.8123)	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(38.9754, 40.3592,
41.8123)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A9A6
RGB	176, 169, 166
RGB Percent	69%, 66%, 65%
CMY	0.3098, 0.3372, 0.3490
CMYK	0.00, 0.04, 0.06, 0.31
HSL	18°, 6%, 67%
HSV	18°, 6%, 69%
XYZ	38.9754, 40.3592, 41.8123
YIQ	170.7510, 5.1350, 0.5510

Conversions

Conversions Part 2

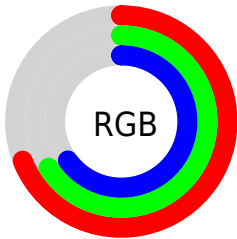
Format	Color
RYB	176, 170, 166
Decimal	11577766
CIELab	69.72, 1.96, 2.43
CIELCh	70, 3.125, 51.042
Yxy	40.3592, 0.3217, 0.3331
Android (android.graphics.Color)	4289767846 (0xFFB0A9A6)
YUV	170.7510, -2.3422, 4.6034
Hunter-Lab	63.5289, -1.6646, 5.4478

Details

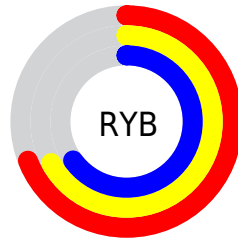
The XYZ color **38.9754, 40.3592, 41.8123** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.5059, 41.1281, 46.9839**, and the grayscale version is **38.5943, 40.6042, 44.2180**.

A 20% lighter version of the original color is **72.9855, 75.6876, 79.1690**, and **17.7107, 18.2226, 18.5034** is the 20% darker color. If you saturate the color by 10%, you get **35.2863, 35.3901, 33.1549**, and if you desaturate by 10%, it is **43.1035, 45.8518, 51.7071**.

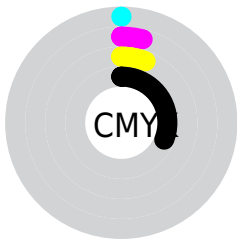
Distribution



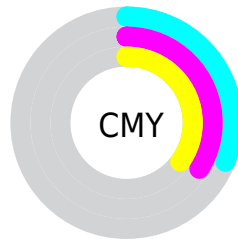
- Red (69%)
- Green (66%)
- Blue (65%)



- Red (69%)
- Yellow (67%)
- Blue (65%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (31%)



- Cyan (31%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9754, 40.3592, 41.8123 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 38.9754, 40.3592, 41.8123 by changing the saturation by 10% instead.

■ 38.9754, 40.3592,
41.8123

■ 38.9754, 40.3592,
41.8123

332.9949,
347.6352, 369.4809

■ 26.9212, 27.8187,
28.6299

■ 72.8950, 75.7102,
79.1825

■ 17.6504, 18.1891,
18.5578

■ 95.4912, 99.2895,
104.2073

■ 10.7974, 11.0858,
11.1777

122.3321,
127.3171, 134.0167

■ 5.9971, 6.1246,
6.0708

153.7831,
160.1776, 169.0292

■ 2.8839, 2.9210,
2.8187

190.2095,
198.2553, 209.6634

■ 1.0927, 1.0906,
1.0028

231.9767,

■ 0.0190, 0.0000,

241.9345, 256.3377

0.0000

279.4500,
291.5997, 309.4707

■ 0.0000, 0.0000,
0.0000

■ 38.9754, 40.3592,
41.8123

■ 38.9754, 40.3592,
41.8123

■ 35.2863, 35.3901,
33.1549

■ 43.1035, 45.8518,
51.7071

■ 32.0181, 30.9238,
25.6835

■ 47.6814, 51.8775,
62.8830

■ 29.1561, 26.9459,
19.3466

■ 52.7237, 58.4520,
75.3845

■ 26.6836, 23.4392,
14.0881

■ 58.2432, 65.5891,
89.2534

■ 24.5826, 20.3857,
9.8471

■ 64.2523, 73.3018,
104.5296

■ 22.8336, 17.7661,
6.5564

■ 67.9731, 80.4870,
106.5607

■ 21.4152, 15.5593,
4.1409

■ 71.7147, 87.9702,
107.8079

■ 20.3031, 13.7427,
2.5136

■ 19.4681, 12.2904,
1.5644

Harmonies

Analogous

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



39.2758, 40.3592, 42.9511



38.9754, 40.3592, 41.8123



38.5120, 40.3592, 41.2481

Triad

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



38.9754, 40.3592, 41.8123



37.4068, 40.3592, 43.5117



38.7107, 40.3592, 46.5974

Complementary

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



38.9754, 40.3592, 41.8123



38.5059, 41.1281, 46.9839

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.



38.2089, 40.3592, 46.7555



38.9754, 40.3592, 41.8123



37.4590, 40.3592, 44.9527

Square

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



38.9754, 40.3592, 41.8123



37.6084, 40.3592, 42.2150



37.7515, 40.3592, 46.1476



39.1220, 40.3592, 45.7202

Rectangle

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



38.9754, 40.3592, 41.8123



38.1741, 40.3592, 41.2650



37.7515, 40.3592, 46.1476



38.5469, 40.3592, 46.7372

Sweetspot

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



38.9765, 40.3610, 41.8132



73.3261, 76.7214, 82.1138



39.0841, 39.5203, 45.1039



15.9087, 16.6504, 17.8378



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.9765, 40.3610, 41.8132



69.6772, 71.8441, 73.4356



39.9240, 42.2560, 42.1290



8.8611, 9.1273, 9.2993



14.1118, 8.7221, 0.9398



0.4965, 0.3793, 0.0471

Inverse Universe

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



38.5059, 41.1281, 46.9839



68.6173, 73.5716, 85.0795



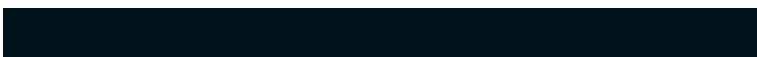
37.5656, 39.2475, 46.6704



8.7197, 9.3578, 10.8530



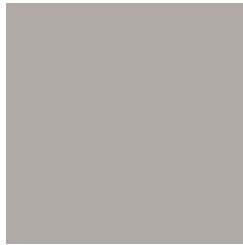
11.0130, 12.8264, 32.0323



0.3947, 0.4999, 1.0239

Previews

White Background



This preview shows how the XYZ color 38.9754, 40.3592, 41.8123 looks on a white background.

Color Contrast Check

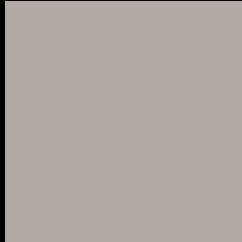
Large Text (above 18pt) WCAG AA × Fail

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 38.9754, 40.3592, 41.8123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

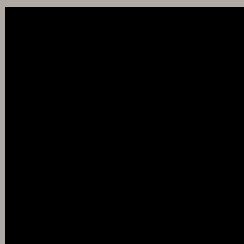
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

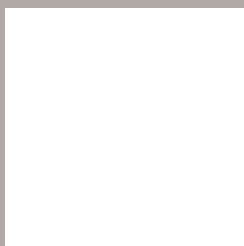
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.9754, 40.3592, 41.8123

Background



This preview shows how black text looks on a background with the XYZ color 38.9754, 40.3592, 41.8123.



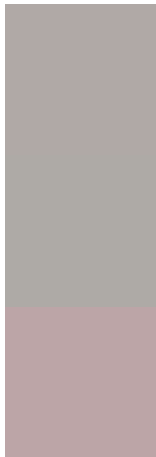
This preview shows how white text looks on a background with the XYZ color 38.9754, 40.3592,

41.8123.

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

38.9754, 40.3592, 41.8123

Protanopia

38.7132, 40.5013, 41.8535

Deuteranopia

41.1692, 40.3917, 42.1857



Tritanopia

40.4170, 40.3977, 48.8473

Trichromacy



Original Color

38.9754, 40.3592, 41.8123

Protanomaly

38.9369, 40.6166, 41.8640

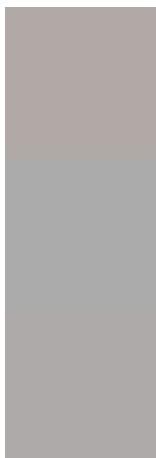
Deuteranomaly

40.3784, 40.2528, 42.2006

Tritanomaly

39.8720, 40.4475, 46.2631

Monochromacy



Original Color

38.9754, 40.3592, 41.8123

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.7697, 40.4983, 43.3097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9754, 40.3592, 41.8123 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(176, 169, 166)` looks like.

```
.text, #text, p{  
    color:rgb(176, 169, 166)  
}
```

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(176, 169, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 169, 166) }
```

Border

The CSS property to change the border of an element to XYZ 38.9754, 40.3592, 41.8123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

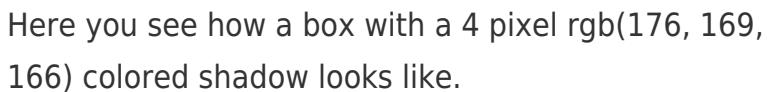
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 169, 166) }
```


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

```
.border{ border-color:rgb(176, 169, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 169, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 169, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 169, 166); box-shadow:4px 4px 4px 4px rgb(176, 169, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9754, 40.3592, 41.8123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 169, 166) }
```

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

```
.background{ background-color: rgb(176,  
169, 166) }
```

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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