

Converting Colors

XYZ(40.2380, 41.0518, 39.9854)

Have a look what the booklet for
XYZ(40.2380, 41.0518, 39.9854)
contains.

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Color

**XYZ(40.2380, 41.0518,
39.9854)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A9A2
RGB	183, 169, 162
RGB Percent	72%, 66%, 64%
CMY	0.2823, 0.3372, 0.3647
CMYK	0.00, 0.08, 0.11, 0.28
HSL	20°, 13%, 68%
HSV	20°, 11%, 72%
XYZ	40.2380, 41.0518, 39.9854
YIQ	172.3880, 10.5910, 0.7910

Conversions

Conversions Part 2

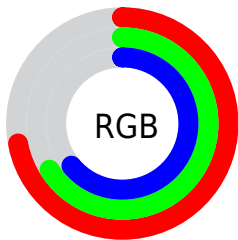
Format	Color
RYB	183, 173, 162
Decimal	12036514
CIELab	70.21, 3.83, 5.42
CIElCh	70, 6.637, 54.738
Yxy	41.0518, 0.3318, 0.3385
Android (android.graphics.Color)	4290226594 (0xFFB7A9A2)
YUV	172.3880, -5.1213, 9.3067
Hunter-Lab	64.0717, -0.0247, 7.8489

Details

The XYZ color **40.2380, 41.0518, 39.9854** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9728, 42.1503, 50.8820**, and the grayscale version is **39.4316, 41.4851, 45.1772**.

A 20% lighter version of the original color is **74.7766, 76.6718, 76.5036**, and **18.3817, 18.5942, 17.3721** is the 20% darker color. If you saturate the color by 10%, you get **36.5642, 36.1206, 31.3108**, and if you desaturate by 10%, it is **44.3625, 46.5048, 49.9793**.

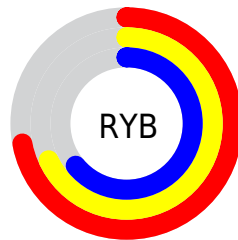
Distribution



Red (72%)

Green (66%)

Blue (64%)



Red (72%)

Yellow (68%)

Blue (64%)

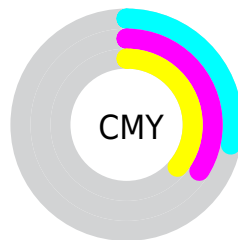


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (28%)



Cyan (28%)


Magenta (34%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2380, 41.0518, 39.9854 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 40.2380, 41.0518, 39.9854 by changing the saturation by 10% instead.


 40.2380, 41.0518,
39.9854


 40.2380, 41.0518,
39.9854


338.2429,
350.5371, 361.6123

 27.9092, 28.3596,
27.2135


 74.8078, 76.7625,
76.3781

 18.3973, 18.5969,
17.4997

 97.7796, 100.5498,
100.8360

 11.3370, 11.3794,
10.4257


125.0297,
128.8042, 130.0262

 6.3630, 6.3226,
5.5729

156.9235,
161.9101, 164.3674

 3.1098, 3.0422,
2.5226

193.8263,
200.2520, 204.2781

 1.2121, 1.1538,
0.8521

236.1036,

 0.1159, 0.0235,

244.2142, 250.1768

0.0000

284.1207,
294.1811, 302.4820

■ 0.0000, 0.0000,
0.0000

■ 40.2380, 41.0518,
39.9854

■ 40.2380, 41.0518,
39.9854

■ 36.5642, 36.1206,
31.3108

■ 44.3625, 46.5048,
49.9793

■ 33.3219, 31.6901,
23.8972

■ 48.9495, 52.4890,
61.3419

■ 30.4951, 27.7457,
17.6859

■ 54.0144, 59.0204,
74.1237

■ 28.0659, 24.2701,
12.6128

■ 59.5711, 66.1130,
88.3714

■ 26.0145, 21.2448,
8.6071

■ 65.6326, 73.7797,
104.1298

■ 24.3196, 18.6502,
5.5906

■ 69.3868, 80.9036,
106.5666

■ 22.9571, 16.4646,
3.4739

■ 73.1429, 88.4158,
107.8187

■ 21.8997, 14.6645,
2.1510

■ 73.3387, 88.8074,
107.8839

■ 21.1989, 13.4079,
1.4707

Harmonies

Analogous

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



40.9483, 41.0518, 42.2392



40.2380, 41.0518, 39.9854



39.2105, 41.0518, 38.9971

Triad

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



40.2380, 41.0518, 39.9854



36.9734, 41.0518, 44.1516



39.9000, 41.0518, 50.3602

Complementary

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



40.2380, 41.0518, 39.9854



38.9728, 42.1503, 50.8820

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.



38.8271, 41.0518, 50.9300



40.2380, 41.0518, 39.9854



37.1503, 41.0518, 47.2513

Square

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



40.2380, 41.0518, 39.9854



37.3361, 41.0518, 41.3300



37.8239, 41.0518, 49.7680



40.7507, 41.0518, 48.2451

Rectangle

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



40.2380, 41.0518, 39.9854



38.4890, 41.0518, 39.1542



37.8239, 41.0518, 49.7680



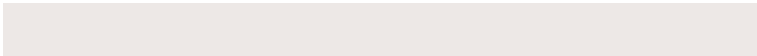
39.5528, 41.0518, 50.7428

Sweetspot

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



40.2391, 41.0536, 39.9863



78.2347, 81.6888, 86.5331



40.2858, 39.0431, 46.4876



17.1438, 17.8637, 18.7810



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



40.2391, 41.0536, 39.9863



70.1739, 70.9991, 67.1003



42.2711, 45.1175, 40.6636



9.2428, 9.4885, 9.4512



14.8457, 9.4678, 1.0450



0.5818, 0.4506, 0.0563

Inverse Universe

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



38.9728, 42.1503, 50.8820



67.4134, 73.3885, 90.8480



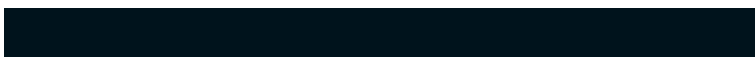
36.9936, 38.1919, 50.2223



9.0075, 9.6923, 11.4755



10.8805, 12.2207, 33.0384



0.4380, 0.5396, 1.1828

Previews

White Background



This preview shows how the XYZ color 40.2380, 41.0518, 39.9854 looks on a white background.

Color Contrast Check

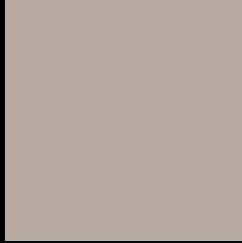
Large Text (above 18pt) WCAG AA × Fail

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 40.2380, 41.0518, 39.9854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

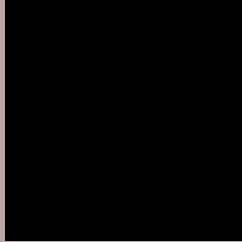
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2380, 41.0518, 39.9854

Background



This preview shows how black text looks on a background with the XYZ color 40.2380, 41.0518, 39.9854.



This preview shows how white text looks on a background with the XYZ color 40.2380, 41.0518,

39.9854.

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

40.2380, 41.0518, 39.9854

Protanopia

39.3052, 41.1173, 40.5152

Deuteranopia

41.9853, 41.1232, 40.3750



Tritanopia

41.7805, 40.8414, 48.3289

Trichromacy



Original Color

40.2380, 41.0518, 39.9854

Protanomaly

39.5760, 40.9775, 40.4739

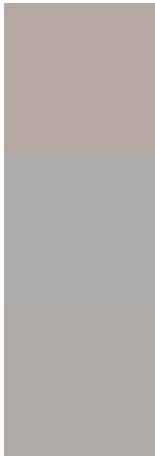
Deuteranomaly

41.4158, 41.1006, 40.4007

Tritanomaly

41.1287, 40.8449, 45.2513

Monochromacy



Original Color

40.2380, 41.0518, 39.9854

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.5353, 41.1831, 42.9112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2380, 41.0518, 39.9854 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(183, 169, 162)` looks like.

```
.text, #text, p{  
    color:rgb(183, 169, 162)  
}
```

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(183, 169, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 169, 162) }
```

Border

The CSS property to change the border of an element to XYZ 40.2380, 41.0518, 39.9854 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(183, 169, 162) }
```


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

```
.border{ border-color:rgb(183, 169, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 169, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 169, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 169, 162);  
box-shadow:4px 4px 4px 4px rgb(183, 169,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2380, 41.0518, 39.9854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 169, 162) }
```

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

```
.background{ background-color: rgb(183,  
169, 162) }
```

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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