

Converting Colors

XYZ(39.7539, 40.6881, 41.6224)

Have a look what the booklet for
XYZ(39.7539, 40.6881, 41.6224)
contains.

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Color

**XYZ(39.8933, 40.8324,
41.8552)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A9A6
RGB	180, 169, 166
RGB Percent	71%, 66%, 65%
CMY	0.2941, 0.3372, 0.3490
CMYK	0.00, 0.06, 0.08, 0.29
HSL	13°, 9%, 68%
HSV	13°, 8%, 71%
XYZ	39.8933, 40.8324, 41.8552
YIQ	171.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

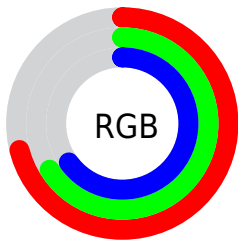
Format	Color
RYB	180, 170, 166
Decimal	11839910
CIELab	70.06, 3.42, 2.96
CIELCh	70, 4.520, 40.836
Yxy	40.8324, 0.3254, 0.3331
Android (android.graphics.Color)	4290029990 (0xFFB4A9A6)
YUV	171.9470, -2.9319, 7.0625
Hunter-Lab	63.9002, -0.3868, 5.8947

Details

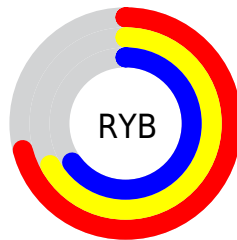
The XYZ color **39.8933, 40.8324, 41.8552** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.6862, 42.8459, 49.3589**, and the grayscale version is **39.1985, 41.2399, 44.9102**.

A 20% lighter version of the original color is **74.2989, 76.3646, 79.2305**, and **18.1509, 18.4495, 18.5240** is the 20% darker color. If you saturate the color by 10%, you get **35.8670, 35.2395, 32.9289**, and if you desaturate by 10%, it is **44.4375, 47.0902, 52.0953**.

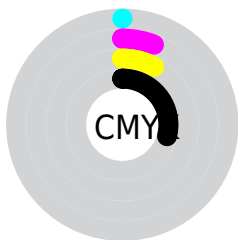
Distribution



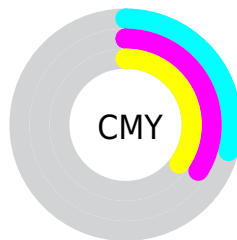
- Red (71%)
- Green (66%)
- Blue (65%)



- Red (71%)
- Yellow (67%)
- Blue (65%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (29%)





- Cyan (29%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8933, 40.8324, 41.8552 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 39.8933, 40.8324, 41.8552 by changing the saturation by 10% instead.


 39.8933, 40.8324,
41.8552


 39.8933, 40.8324,
41.8552


336.8158,
349.6196, 369.6643

 27.6392, 28.1881,
28.6632


 74.2864, 76.4294,
79.2482

 18.1929, 18.4675,
18.5828


 97.1561, 100.1510,
104.2862

 11.1891, 11.2862,
11.1955


124.2950,
128.3337, 134.1100

 6.2624, 6.2597,
6.0826

156.0685,
161.3621, 169.1381

 3.0475, 3.0036,
2.8258

192.8420,
199.6205, 209.7890

 1.1789, 1.1336,
1.0064

234.9808,

 0.0896, 0.0065,

243.4933, 256.4813

0.0000

282.8503,
293.3649, 309.6336

■ 0.0000, 0.0000,
0.0000

■ 39.8933, 40.8324,
41.8552

■ 39.8933, 40.8324,
41.8552

■ 35.8670, 35.2395,
32.9289

■ 44.4375, 47.0902,
52.0953

■ 32.3366, 30.2844,
25.2606

■ 49.5138, 54.0284,
63.6968

■ 29.2836, 25.9458,
18.7941

■ 55.1400, 61.6687,
76.7082

■ 26.6869, 22.1993,
13.4682

■ 61.3322, 70.0300,
91.1747

■ 24.5239, 19.0188,
9.2160

■ 67.9440, 79.0661,
106.2880

■ 22.7700, 16.3762,
5.9639

■ 72.2627, 87.7037,
107.7276

■ 21.3978, 14.2411,
3.6285

■ 72.6326, 88.4434,
107.8509

■ 20.3765, 12.5794,
2.1132

■ 19.6638, 11.3508,
1.2694

Harmonies

Analogous

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



40.2202, 40.8324, 43.7000



39.8933, 40.8324, 41.8552



39.2776, 40.8324, 40.7309

Triad

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



39.8933, 40.8324, 41.8552



37.4852, 40.8324, 43.1390



39.0773, 40.8324, 48.5709

Complementary

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



39.8933, 40.8324, 41.8552



39.6862, 42.8459, 49.3589

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.



38.3461, 40.8324, 48.4091



39.8933, 40.8324, 41.8552



37.4331, 40.8324, 45.2278

Square

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



39.8933, 40.8324, 41.8552



37.8896, 40.8324, 41.4557



37.7464, 40.8324, 47.1697



39.7451, 40.8324, 47.6051

Rectangle

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



39.8933, 40.8324, 41.8552



38.7893, 40.8324, 40.5193



37.7464, 40.8324, 47.1697



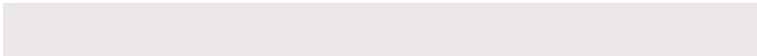
38.8307, 40.8324, 48.6473

Sweetspot

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



39.8944, 40.8342, 41.8561



76.9510, 80.4061, 86.2594



40.4149, 40.1586, 47.3214



16.6514, 17.4055, 18.6878



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



39.8944, 40.8342, 41.8561



71.2764, 72.5737, 73.5262



41.1920, 43.4293, 42.2886



8.6393, 8.7910, 8.8940



13.6758, 7.8501, 0.7944



0.4727, 0.3318, 0.0391

Inverse Universe

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



39.6862, 42.8459, 49.3589



70.8359, 76.8270, 89.3902



38.3769, 40.2274, 48.9225



8.5849, 9.3160, 10.8520



12.4878, 15.7760, 32.5239



0.4316, 0.5737, 1.0362

Previews

White Background



This preview shows how the XYZ color 39.8933, 40.8324, 41.8552 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 39.8933, 40.8324, 41.8552 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

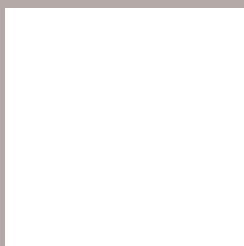
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.8933, 40.8324, 41.8552

Background



This preview shows how black text looks on a background with the XYZ color 39.8933, 40.8324, 41.8552.



This preview shows how white text looks on a background with the XYZ color 39.8933, 40.8324,

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

39.8933, 40.8324, 41.8552

Protanopia

39.0290, 40.6534, 42.3491

Deuteranopia

41.5975, 40.8813, 42.2577



Tritanopia

41.3483, 40.8778, 48.8909

Trichromacy



Original Color

39.8933, 40.8324, 41.8552

Protanomaly

39.4812, 40.8866, 42.3702

Deuteranomaly

41.0435, 40.8666, 42.2840

Tritanomaly

40.7966, 40.9242, 46.3064

Monochromacy



Original Color

39.8933, 40.8324, 41.8552

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.4978, 41.1421, 43.8897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8933, 40.8324, 41.8552 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(180, 169, 166)` looks like.

```
.text, #text, p{  
    color:rgb(180, 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(180, 169, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 169, 166) }
```

Border

The CSS property to change the border of an element to XYZ 39.8933, 40.8324, 41.8552 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(180, 169, 166) }
```


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

```
.border{ border-color:rgb(180, 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(180, 169, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 169, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 169, 166);  
box-shadow:4px 4px 4px 4px rgb(180, 169,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8933, 40.8324, 41.8552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 169, 166) }
```

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

```
.background{ background-color: rgb(180,  
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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