

Converting Colors

XYZ(39.3171, 37.8213, 43.9580)

Have a look what the booklet for
XYZ(39.3171, 37.8213, 43.9580)
contains.

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Color

**XYZ(39.2773, 37.8038,
43.7548)**

Conversions

Conversions Part 1

Format	Color
Hex	B79FAB
RGB	183, 159, 171
RGB Percent	72%, 62%, 67%
CMY	0.2823, 0.3765, 0.3294
CMYK	0.00, 0.13, 0.07, 0.28
HSL	330°, 14%, 67%
HSV	330°, 13%, 72%
XYZ	39.2773, 37.8038, 43.7548
YIQ	167.5440, 10.4520, 8.8200

Conversions

Conversions Part 2

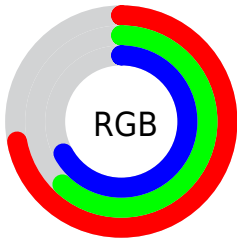
Format	Color
RYB	183, 159, 171
Decimal	12033963
CIELab	67.88, 10.89, -2.97
CIELCh	68, 11.290, 344.722
Yxy	37.8038, 0.3250, 0.3129
Android (android.graphics.Color)	4290224043 (0xFFB79FAB)
YUV	167.5440, 1.7038, 13.5549
Hunter-Lab	61.4848, 6.4298, 0.8465

Details

The XYZ color **39.2773, 37.8038, 43.7548** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.5838, 44.1793, 45.0241**, and the grayscale version is **36.9853, 38.9114, 42.3745**.

A 20% lighter version of the original color is **73.3706, 71.9348, 81.9693**, and **17.8983, 16.8029, 19.7527** is the 20% darker color. If you saturate the color by 10%, you get **35.5183, 31.6333, 38.3463**, and if you desaturate by 10%, it is **43.5648, 44.9336, 49.6384**.

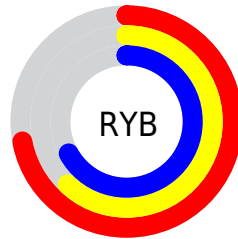
Distribution



Red (72%)

Green (62%)

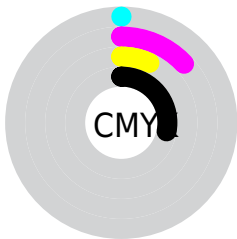
Blue (67%)



Red (72%)

Yellow (62%)

Blue (67%)

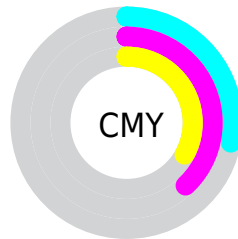


Cyan (0%)

Magenta (13%)

Yellow (7%)

Black (28%)



Cyan (28%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2773, 37.8038, 43.7548 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 39.2773, 37.8038, 43.7548 by changing the saturation by 10% instead.


 39.2773, 37.8038,
43.7548


 39.2773, 37.8038,
43.7548


334.2549,
336.7776, 377.7188

 27.1572, 25.8304,
30.1420


 73.3531, 71.8073,
82.1472

 17.8285, 16.6968,
19.6934

 96.0395, 94.6063,
107.7639

 10.9259, 10.0186,
11.9905


122.9788,
121.7825, 138.2189

 6.0839, 5.4113,
6.6148

154.5362,
153.7205, 173.9309

 2.9373, 2.4905,
3.1476

191.0772,
190.8046, 215.3183

 1.1207, 0.8719,
1.1705

232.9671,

 0.0423, 0.0000,

233.4193, 262.7998

0.0000

280.5712,
281.9488, 316.7937

■ 0.0000, 0.0000,
0.0000

■ 39.2773, 37.8038,
43.7548

■ 39.2773, 37.8038,
43.7548

■ 35.5183, 31.6333,
38.3463

■ 43.5648, 44.9336,
49.6384

■ 32.2629, 26.3759,
33.3972

■ 48.3979, 53.0564,
56.0072

■ 29.4890, 21.9888,
28.8945

■ 53.7968, 62.2105,
62.8741

■ 27.1716, 18.4240,
24.8234

■ 59.7798, 72.4307,
70.2507

■ 25.2833, 15.6288,
21.1681

■ 66.3643, 83.7500,
78.1481

■ 23.7934, 13.5442,
17.9117

■ 69.0037, 87.0734,
85.0560

■ 22.6670, 12.1027,
15.0353

■ 70.2928, 87.5891,
91.8445

■ 21.8624, 11.2231,
12.5175

■ 71.6500, 88.1319,
98.9913

■ 21.4382, 10.8312,
10.9690

■ 73.0762, 88.7024,
106.5016

Harmonies

Analogous

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



38.3524, 37.8038, 48.3986



39.2773, 37.8038, 43.7548



39.2863, 37.8038, 38.7604

Triad

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



39.2773, 37.8038, 43.7548



35.0827, 37.8038, 32.5244



33.5923, 37.8038, 48.3249

Complementary

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



39.2773, 37.8038, 43.7548



38.5838, 44.1793, 45.0241

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.



32.7731, 37.8038, 43.6607



39.2773, 37.8038, 43.7548



33.6144, 37.8038, 34.6851

Square

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



39.2773, 37.8038, 43.7548



36.8257, 37.8038, 32.5451



32.7811, 37.8038, 38.6735



35.0517, 37.8038, 51.1793

Rectangle

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



39.2773, 37.8038, 43.7548



38.7697, 37.8038, 35.9115



32.7811, 37.8038, 38.6735



33.2351, 37.8038, 46.9007

Sweetspot

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



39.2784, 37.8055, 43.7556



77.2495, 79.1818, 87.8590



37.7414, 36.8749, 49.9288



16.9285, 17.2658, 19.2248



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.



39.2784, 37.8055, 43.7556



68.1239, 64.0432, 75.2211



38.1860, 37.3685, 38.0030



9.1868, 9.0851, 10.3311



14.9901, 7.5698, 7.8346



0.5597, 0.2794, 0.4407

Inverse Universe

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



39.2784, 37.8055, 43.7556



68.1239, 64.0432, 75.2211



39.7800, 44.6578, 51.3236



9.1868, 9.0851, 10.3311



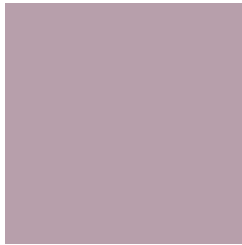
14.9901, 7.5698, 7.8346



0.5597, 0.2794, 0.4407

Previews

White Background



This preview shows how the XYZ color 39.2773, 37.8038, 43.7548 looks on a white background.

Color Contrast Check

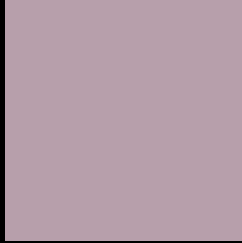
Large Text (above 18pt) WCAG AA × Fail

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 39.2773, 37.8038, 43.7548 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 39.2773, 37.8038, 43.7548

Background



This preview shows how black text looks on a background with the XYZ color 39.2773, 37.8038, 43.7548.



This preview shows how white text looks on a background with the XYZ color 39.2773, 37.8038,

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

39.2773, 37.8038, 43.7548

Protanopia

36.8210, 38.0733, 45.4526

Deuteranopia

38.5119, 37.6656, 43.7685



Tritanopia

39.2773, 37.8038, 43.7548

Trichromacy



Original Color

39.2773, 37.8038, 43.7548

Protanomaly

37.6533, 37.9822, 44.8819

Deuteranomaly

38.7439, 37.7852, 43.7793

Tritanomaly

39.2773, 37.8038, 43.7548

Monochromacy



Original Color

39.2773, 37.8038, 43.7548

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.8501, 38.6591, 43.0031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2773, 37.8038, 43.7548 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(183, 159, 171)` looks like.

```
.text, #text, p{  
    color:rgb(183, 159, 171)  
}
```

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, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 159, 171) }
```

Border

The CSS property to change the border of an element to XYZ 39.2773, 37.8038, 43.7548 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(183, 159, 171) }
```


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

```
.border{ border-color:rgb(183, 159, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 159, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 159, 171); box-shadow:4px 4px 4px 4px rgb(183, 159, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2773, 37.8038, 43.7548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 159, 171) }
```

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

```
.background{ background-color: rgb(183,  
159, 171) }
```

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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