

Converting Colors

XYZ(39.2332, 37.8138, 42.2768)

Have a look what the booklet for
XYZ(39.2332, 37.8138, 42.2768)
contains.

XYZ(39.2332, 37.8138, 42.2768)	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(39.2332, 37.8138,
42.2768)**

Conversions

Conversions Part 1

Format	Color
Hex	B89FA8
RGB	184, 159, 168
RGB Percent	72%, 62%, 66%
CMY	0.2784, 0.3765, 0.3412
CMYK	0.00, 0.14, 0.09, 0.28
HSL	338°, 15%, 67%
HSV	338°, 14%, 72%
XYZ	39.2332, 37.8138, 42.2768
YIQ	167.5010, 12.0110, 8.0990

Conversions

Conversions Part 2

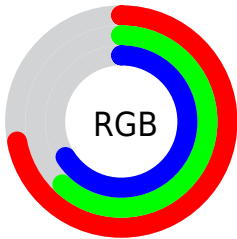
Format	Color
RYB	184, 159, 168
Decimal	12099496
CIELab	67.88, 10.72, -1.28
CIELCh	68, 10.796, 353.184
Yxy	37.8138, 0.3288, 0.3169
Android (android.graphics.Color)	4290289576 (0xFFB89FA8)
YUV	167.5010, 0.2460, 14.4696
Hunter-Lab	61.4929, 6.2724, 2.2828

Details

The XYZ color **39.2332, 37.8138, 42.2768** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1779, 44.7480, 47.1319**, and the grayscale version is **36.9707, 38.8960, 42.3578**.

A 20% lighter version of the original color is **73.3010, 71.9461, 79.8356**, and **17.8750, 16.8114, 18.8258** is the 20% darker color. If you saturate the color by 10%, you get **35.2537, 31.5316, 35.7800**, and if you desaturate by 10%, it is **43.7852, 45.0811, 49.4557**.

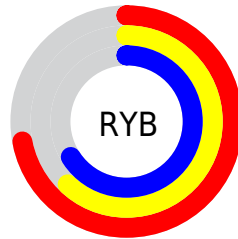
Distribution



Red (72%)

Green (62%)

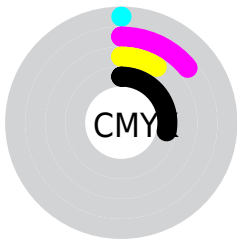
Blue (66%)



Red (72%)

Yellow (62%)

Blue (66%)

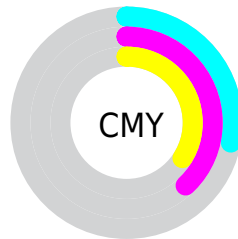


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (28%)



Cyan (28%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2332, 37.8138, 42.2768 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 39.2332, 37.8138, 42.2768 by changing the saturation by 10% instead.

■ 39.2332, 37.8138,
42.2768

■ 39.2332, 37.8138,
42.2768

334.0711,
336.8205, 371.4626

■ 27.1227, 25.8382,
28.9909

■ 73.2862, 71.8227,
79.8930

■ 17.8025, 16.7026,
18.8284

■ 95.9595, 94.6247,
105.0604

■ 10.9071, 10.0227,
11.3708

122.8844,
121.8044, 135.0253

■ 6.0712, 5.4140,
6.1995

154.4263,
153.7460, 170.2064

■ 2.9295, 2.4922,
2.8960

190.9506,
190.8341, 211.0221

■ 1.1166, 0.8727,
1.0418

232.8226,

■ 0.0389, 0.0000,

233.4529, 257.8910

0.0000

280.4076,
281.9869, 311.2316

■ 0.0000, 0.0000,
0.0000

■ 39.2332, 37.8138,
42.2768

■ 39.2332, 37.8138,
42.2768

■ 35.2537, 31.5316,
35.7800

■ 43.7852, 45.0811,
49.4557

■ 31.8202, 26.1870,
29.9422

■ 48.9286, 53.3684,
57.3341

■ 28.9088, 21.7360,
24.7422

■ 54.6851, 62.7150,
65.9317

■ 26.4923, 18.1291,
20.1571

■ 61.0746, 73.1568,
75.2667

■ 24.5412, 15.3118,
16.1621

■ 68.1159, 84.7278,
85.3567

■ 23.0226, 13.2234,
12.7305

■ 71.0581, 87.9227,
94.6288

■ 21.8988, 11.7941,
9.8334

■ 72.8524, 88.6405,
104.0775

■ 21.1251, 10.9401,
7.4382

■ 73.5774, 88.9305,
107.8951

■ 20.7574, 10.5865,
6.1385

Harmonies

Analogous

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



38.5803, 37.8138, 46.9487



39.2332, 37.8138, 42.2768



38.9822, 37.8138, 37.6487

Triad

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



39.2332, 37.8138, 42.2768



34.6883, 37.8138, 33.2656



34.0460, 37.8138, 49.0039

Complementary

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



39.2332, 37.8138, 42.2768



39.1779, 44.7480, 47.1319

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.



33.0620, 37.8138, 44.9103



39.2332, 37.8138, 42.2768



33.4247, 37.8138, 35.8912

Square

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



39.2332, 37.8138, 42.2768



36.3243, 37.8138, 32.6797



32.8381, 37.8138, 40.0882



35.5601, 37.8138, 51.0230

Rectangle

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



39.2332, 37.8138, 42.2768



38.3398, 37.8138, 35.1800



32.8381, 37.8138, 40.0882



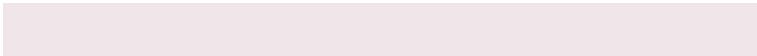
33.6442, 37.8138, 47.8102

Sweetspot

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



39.2343, 37.8155, 42.2776



78.9500, 81.0442, 88.9951



38.6930, 37.3535, 50.5185



16.8794, 17.2461, 18.9666



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.



39.2343, 37.8155, 42.2776



69.0865, 65.3226, 73.3595



39.0056, 38.6535, 38.2080



9.1346, 9.0642, 10.0562



14.3368, 7.3085, 4.3946



0.5356, 0.2697, 0.3137

Inverse Universe

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



39.2343, 37.8155, 42.2776



69.0865, 65.3226, 73.3595



39.4072, 43.7450, 51.7145



9.1346, 9.0642, 10.0562



14.3368, 7.3085, 4.3946



0.5356, 0.2697, 0.3137

Previews

White Background



This preview shows how the XYZ color 39.2332, 37.8138, 42.2768 looks on a white background.

Color Contrast Check

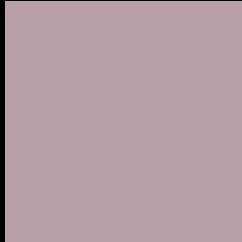
Large Text (above 18pt) WCAG AA × Fail

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 39.2332, 37.8138, 42.2768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

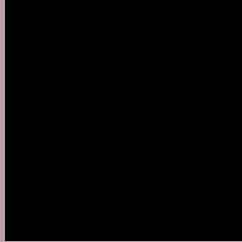
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2332, 37.8138, 42.2768

Background



This preview shows how black text looks on a background with the XYZ color 39.2332, 37.8138, 42.2768.



This preview shows how white text looks on a background with the XYZ color 39.2332, 37.8138,

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

39.2332, 37.8138, 42.2768

Protanopia

36.7422, 38.0660, 43.9390

Deuteranopia

38.4611, 37.6721, 42.2901



Tritanopia

39.5160, 37.9269, 43.7660

Trichromacy



Original Color

39.2332, 37.8138, 42.2768

Protanomaly

37.5865, 37.9809, 43.3802

Deuteranomaly

38.6947, 37.7925, 42.3010

Tritanomaly

39.4210, 37.8889, 43.2658

Monochromacy



Original Color

39.2332, 37.8138, 42.2768

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.9786, 38.7361, 42.5209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2332, 37.8138, 42.2768 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(184, 159, 168)` looks like.

```
.text, #text, p{  
    color:rgb(184, 159, 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(184, 159, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 159, 168) }
```

Border

The CSS property to change the border of an element to XYZ 39.2332, 37.8138, 42.2768 is called "border". The border property can be set on classes, ids or directly on the HTML element.

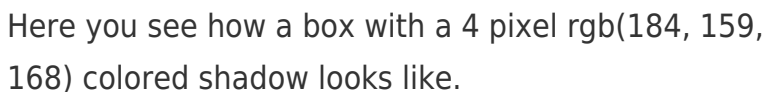
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 159, 168) }
```


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

```
.border{ border-color:rgb(184, 159, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 159, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 159, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 159, 168); box-shadow:4px 4px 4px 4px rgb(184, 159, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2332, 37.8138, 42.2768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 159, 168) }
```

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

```
.background{ background-color: rgb(184,  
159, 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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