

Converting Colors

XYZ(39.9385, 37.9156, 43.9024)

Have a look what the booklet for
XYZ(39.9385, 37.9156, 43.9024)
contains.

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Color

**XYZ(39.8272, 37.8331,
43.7315)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9EAB
RGB	186, 158, 171
RGB Percent	73%, 62%, 67%
CMY	0.2706, 0.3804, 0.3294
CMYK	0.00, 0.15, 0.08, 0.27
HSL	332°, 17%, 67%
HSV	332°, 15%, 73%
XYZ	39.8272, 37.8331, 43.7315
YIQ	167.8540, 12.5150, 9.9790

Conversions

Conversions Part 2

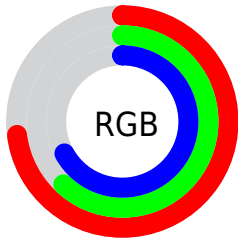
Format	Color
RYB	186, 158, 171
Decimal	12230315
CIELab	67.90, 12.53, -2.91
CIELCh	68, 12.861, 346.917
Yxy	37.8331, 0.3281, 0.3117
Android (android.graphics.Color)	4290420395 (0xFFBA9EAB)
YUV	167.8540, 1.5510, 15.9140
Hunter-Lab	61.5086, 7.9397, 0.9019

Details

The XYZ color **39.8272, 37.8331, 43.7315** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.2037, 45.4049, 46.2350**, and the grayscale version is **37.1371, 39.0711, 42.5484**.

A 20% lighter version of the original color is **74.1397, 71.9567, 81.9330**, and **18.2603, 16.8338, 19.7396** is the 20% darker color. If you saturate the color by 10%, you get **35.9773, 31.5962, 37.9372**, and if you desaturate by 10%, it is **44.2311, 45.0623, 50.0647**.

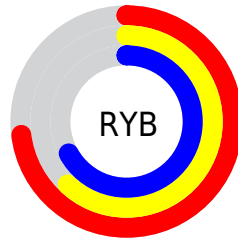
Distribution



Red (73%)

Green (62%)

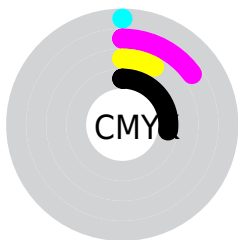
Blue (67%)



Red (73%)

Yellow (62%)

Blue (67%)

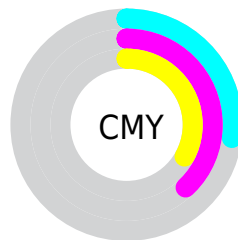


Cyan (0%)

Magenta (15%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8272, 37.8331, 43.7315 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 39.8272, 37.8331, 43.7315 by changing the saturation by 10% instead.

■ 39.8272, 37.8331,
43.7315

■ 39.8272, 37.8331,
43.7315

336.5416,
336.9035, 377.6207

■ 27.5875, 25.8532,
30.1238

■ 74.1863, 71.8523,
82.1117

■ 18.1538, 16.7138,
19.6798

■ 97.0364, 94.6603,
107.7214

■ 11.1608, 10.0307,
11.9807

124.1540,
121.8464, 138.1688

■ 6.2432, 5.4193,
6.6082

155.9044,
153.7952, 173.8724

■ 3.0356, 2.4953,
3.1436

192.6530,
190.8908, 215.2509

■ 1.1726, 0.8743,
1.1684

234.7652,

■ 0.0846, 0.0000,

233.5179, 262.7228

0.0000

282.6063,
282.0606, 316.7065

■ 0.0000, 0.0000,
0.0000

■ 39.8272, 37.8331,
43.7315

■ 39.8272, 37.8331,
43.7315

■ 35.9773, 31.5962,
37.9372

■ 44.2311, 45.0623,
50.0647

■ 32.6551, 26.3031,
32.6640

■ 49.2073, 53.3198,
56.9492

■ 29.8369, 21.9084,
27.8964

■ 54.7776, 62.6457,
64.3998

■ 27.4958, 18.3611,
23.6172

■ 60.9612, 73.0768,
72.4300

■ 25.6023, 15.6050,
19.8079

■ 67.7768, 84.6479,
81.0530

■ 24.1235, 13.5772,
16.4485

■ 70.4045, 87.7170,
88.6688

■ 23.0214, 12.2048,
13.5169

■ 71.8510, 88.2957,
96.2861

■ 22.2501, 11.3991,
10.9881

■ 73.3790, 88.9068,
104.3323

■ 21.9436, 11.1167,
9.8667

■ 74.0599, 89.1792,
107.9177

Harmonies

Analogous

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



38.8348, 37.8331, 49.1642



39.8272, 37.8331, 43.7315



39.7561, 37.8331, 38.0786

Triad

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



39.8272, 37.8331, 43.7315



34.8544, 37.8331, 31.5504



33.4017, 37.8331, 49.7513

Complementary

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



39.8272, 37.8331, 43.7315



39.2037, 45.4049, 46.2350

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.



32.4121, 37.8331, 44.4745



39.8272, 37.8331, 43.7315



33.2293, 37.8331, 34.1351

Square

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



39.8272, 37.8331, 43.7315



36.8347, 37.8331, 31.3914



32.3502, 37.8331, 38.7563



35.0977, 37.8331, 52.8500

Rectangle

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



39.8272, 37.8331, 43.7315



39.1147, 37.8331, 34.9402



32.3502, 37.8331, 38.7563



32.9782, 37.8331, 48.1524

Sweetspot

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



39.8283, 37.8348, 43.7323



80.1445, 81.6339, 90.7074



38.3100, 36.8774, 51.5536



17.5177, 17.7602, 19.7896



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



39.8283, 37.8348, 43.7323



69.8171, 64.7137, 75.7516



38.8092, 37.6828, 37.5779



9.1734, 9.0797, 10.2606



14.8000, 7.4937, 6.8334



0.5530, 0.2767, 0.4058

Inverse Universe

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



39.8283, 37.8348, 43.7323



69.8171, 64.7137, 75.7516



40.3275, 45.5409, 53.1195



9.1734, 9.0797, 10.2606



14.8000, 7.4937, 6.8334



0.5530, 0.2767, 0.4058

Previews

White Background



This preview shows how the XYZ color 39.8272, 37.8331, 43.7315 looks on a white background.

Color Contrast Check

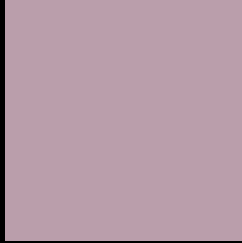
Large Text (above 18pt) WCAG AA × Fail

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 39.8272, 37.8331, 43.7315 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 39.8272, 37.8331, 43.7315

Background



This preview shows how black text looks on a background with the XYZ color 39.8272, 37.8331, 43.7315.



This preview shows how white text looks on a background with the XYZ color 39.8272, 37.8331,

43.7315.

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

39.8272, 37.8331, 43.7315

Protanopia

36.9189, 38.1124, 45.9680

Deuteranopia

38.6860, 38.0137, 43.8265



Tritanopia

39.7323, 37.7951, 43.2313

Trichromacy



Original Color

39.8272, 37.8331, 43.7315

Protanomaly

37.7939, 37.7809, 45.3449

Deuteranomaly

39.2129, 38.0270, 43.8013

Tritanomaly

39.7323, 37.7951, 43.2313

Monochromacy



Original Color

39.8272, 37.8331, 43.7315

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.1161, 38.5295, 42.9641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8272, 37.8331, 43.7315 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(186, 158, 171)` looks like.

```
.text, #text, p{  
    color:rgb(186, 158, 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(186, 158, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 158, 171) }
```

Border

The CSS property to change the border of an element to XYZ 39.8272, 37.8331, 43.7315 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(186, 158, 171) }
```


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

```
.border{ border-color:rgb(186, 158, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 158, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 158, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 158, 171);  
box-shadow:4px 4px 4px 4px rgb(186, 158,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8272, 37.8331, 43.7315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 158, 171) }
```

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

```
.background{ background-color: rgb(186,  
158, 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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