

Converting Colors

XYZ(39.3801, 37.3919, 41.8265)

Have a look what the booklet for
XYZ(39.3801, 37.3919, 41.8265)
contains.

XYZ(39.2817, 37.3431, 41.6968)	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(39.2817, 37.3431,
41.6968)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9DA7
RGB	186, 157, 167
RGB Percent	73%, 62%, 65%
CMY	0.2706, 0.3843, 0.3451
CMYK	0.00, 0.16, 0.10, 0.27
HSL	339°, 17%, 67%
HSV	339°, 16%, 73%
XYZ	39.2817, 37.3431, 41.6968
YIQ	166.8110, 14.0740, 9.2580

Conversions

Conversions Part 2

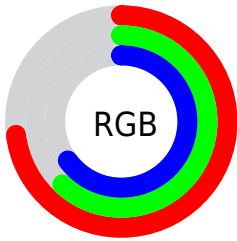
Format	Color
RYB	186, 157, 167
Decimal	12230055
CIELab	67.53, 12.38, -1.21
CIELCh	68, 12.438, 354.401
Yxy	37.3431, 0.3320, 0.3156
Android (android.graphics.Color)	4290420135 (0xFFBA9DA7)
YUV	166.8110, 0.0932, 16.8288
Hunter-Lab	61.1090, 7.8015, 2.3207

Details

The XYZ color **39.2817, 37.3431, 41.6968** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.3015, 45.4214, 47.7722**, and the grayscale version is **36.6343, 38.5421, 41.9724**.

A 20% lighter version of the original color is **73.3462, 71.2381, 78.9918**, and **17.9214, 16.5324, 18.4662** is the 20% darker color. If you saturate the color by 10%, you get **35.2972, 31.0928, 35.0694**, and if you desaturate by 10%, it is **43.8536, 44.5974, 49.0448**.

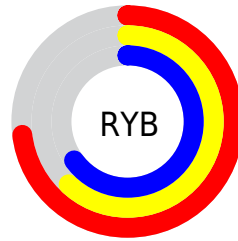
Distribution



Red (73%)

Green (62%)

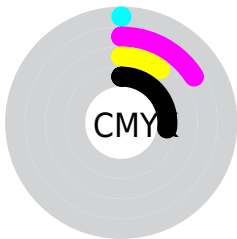
Blue (65%)



Red (73%)

Yellow (62%)

Blue (65%)

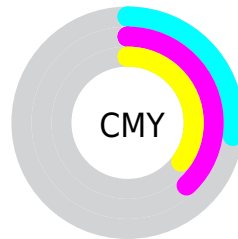


Cyan (0%)

Magenta (16%)

Yellow (10%)

Black (27%)



Cyan (27%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2817, 37.3431, 41.6968 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 39.2817, 37.3431, 41.6968 by changing the saturation by 10% instead.

■ 39.2817, 37.3431,
41.6968

■ 39.2817, 37.3431,
41.6968

334.2733,
334.7936, 368.9870

■ 27.1607, 25.4733,
28.5402

■ 73.3598, 71.1002,
79.0057

■ 17.8311, 16.4300,
18.4907

■ 96.0475, 93.7562,
103.9950

■ 10.9278, 9.8289,
11.1298

122.9882,
120.7763, 133.7656

■ 6.0852, 5.2857,
6.0389

154.5472,
152.5451, 168.7360

■ 2.9381, 2.4158,
2.7996

191.0898,
189.4468, 209.3249

■ 1.1211, 0.8340,
0.9932

232.9815,

■ 0.0427, 0.0000,

231.8658, 255.9506

0.0000

280.5875,
280.1866, 309.0318

■ 0.0000, 0.0000,
0.0000

■ 39.2817, 37.3431,
41.6968

■ 39.2817, 37.3431,
41.6968

■ 35.2972, 31.0928,
35.0694

■ 43.8536, 44.5974,
49.0448

■ 31.8725, 25.7970,
29.1377

■ 49.0327, 52.8922,
57.1326

■ 28.9822, 21.4098,
23.8786

■ 54.8419, 62.2683,
65.9814

■ 26.5979, 17.8793,
19.2669

■ 61.3018, 72.7630,
75.6112

■ 24.6883, 15.1484,
15.2756

■ 68.4321, 84.4115,
86.0409

■ 23.2185, 13.1529,
11.8754

■ 71.7569, 88.2580,
95.7904

■ 22.1484, 11.8186,
9.0343

■ 73.6304, 89.0074,
105.6564

■ 21.4287, 11.0532,
6.7160

■ 74.0598, 89.1792,
107.9177

■ 21.1788, 10.8108,
5.8395

Harmonies

Analogous

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



38.5693, 37.3431, 47.1061



39.2817, 37.3431, 41.6968



38.9499, 37.3431, 36.4616

Triad

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



39.2817, 37.3431, 41.6968



33.9954, 37.3431, 31.8013



33.3950, 37.3431, 49.8419

Complementary

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



39.2817, 37.3431, 41.6968



39.3015, 45.4214, 47.7722

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.



32.2479, 37.3431, 45.1696



39.2817, 37.3431, 41.6968



32.5857, 37.3431, 34.8310

Square

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



39.2817, 37.3431, 41.6968



35.8536, 37.3431, 31.0511



31.9570, 37.3431, 39.6411



35.1358, 37.3431, 52.0718

Rectangle

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



39.2817, 37.3431, 41.6968



38.1870, 37.3431, 33.7258



31.9570, 37.3431, 39.6411



32.9297, 37.3431, 48.4856

Sweetspot

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



39.2828, 37.3448, 41.6976



79.9353, 81.5502, 89.6059



38.7918, 36.8736, 51.5275



17.4655, 17.7393, 19.5149



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.



39.2828, 37.3448, 41.6976



68.3891, 63.2599, 70.9532



39.1429, 38.4873, 37.2661



9.1290, 9.0620, 10.0267



14.2805, 7.2860, 4.0979



0.5332, 0.2688, 0.3015

Inverse Universe

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



39.2828, 37.3448, 41.6976



68.3891, 63.2599, 70.9532



39.4251, 44.0270, 52.8748



9.1290, 9.0620, 10.0267



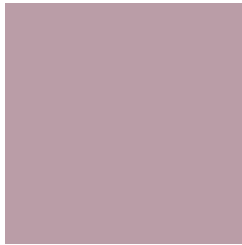
14.2805, 7.2860, 4.0979



0.5332, 0.2688, 0.3015

Previews

White Background



This preview shows how the XYZ color 39.2817, 37.3431, 41.6968 looks on a white background.

Color Contrast Check

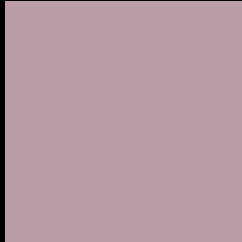
Large Text (above 18pt) WCAG AA × Fail

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 39.2817, 37.3431, 41.6968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

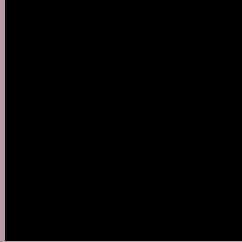
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2817, 37.3431, 41.6968

Background



This preview shows how black text looks on a background with the XYZ color 39.2817, 37.3431, 41.6968.



This preview shows how white text looks on a background with the XYZ color 39.2817, 37.3431,

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

39.2817, 37.3431, 41.6968

Protanopia

36.3520, 37.5982, 43.8693

Deuteranopia

38.1956, 37.2896, 41.7437



Tritanopia

39.4681, 37.4176, 42.6782

Trichromacy



Original Color

39.2817, 37.3431, 41.6968

Protanomaly

37.2341, 37.2763, 43.2628

Deuteranomaly

38.4933, 37.1888, 41.7086

Tritanomaly

39.3746, 37.3802, 42.1856

Monochromacy



Original Color

39.2817, 37.3431, 41.6968

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.5278, 37.9831, 41.9128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2817, 37.3431, 41.6968 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, 157, 167)` looks like.

```
.text, #text, p{  
    color:rgb(186, 157, 167)  
}
```

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, 157, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 157, 167) }
```

Border

The CSS property to change the border of an element to XYZ 39.2817, 37.3431, 41.6968 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, 157, 167) }
```


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

```
.border{ border-color:rgb(186, 157, 167) }
```

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

Here you see how a box with a 4 pixel rgb(186, 157, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 157, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 157, 167);  
box-shadow:4px 4px 4px 4px rgb(186, 157,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2817, 37.3431, 41.6968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 157, 167) }
```

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

```
.background{ background-color: rgb(186,  
157, 167) }
```

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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