

Converting Colors

XYZ(39.9850, 36.9599, 47.2712)

Have a look what the booklet for
XYZ(39.9850, 36.9599, 47.2712)
contains.

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Color

**XYZ(40.0069, 37.0961,
47.1712)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9BB2
RGB	186, 155, 178
RGB Percent	73%, 61%, 70%
CMY	0.2706, 0.3921, 0.3020
CMYK	0.00, 0.17, 0.04, 0.27
HSL	315°, 18%, 67%
HSV	315°, 17%, 73%
XYZ	40.0069, 37.0961, 47.1712
YIQ	166.8910, 11.0930, 13.7250

Conversions

Conversions Part 2

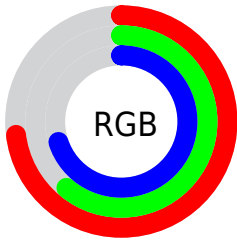
Format	Color
R_{YB}	186, 155, 178
Decimal	12229554
CIE _{Lab}	67.35, 15.45, -7.63
CIE _{LCh}	67, 17.233, 333.726
Yxy	37.0961, 0.3219, 0.2985
Android (android.graphics.Color)	4290419634 (0xFFBA9BB2)
YUV	166.8910, 5.4767, 16.7586
Hunter-Lab	60.9066, 10.6625, -3.2846

Details

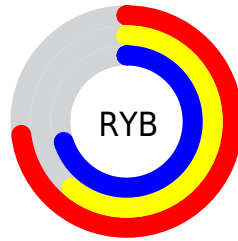
The XYZ color **40.0069, 37.0961, 47.1712** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.6887, 44.7317, 41.2999**, and the grayscale version is **36.6488, 38.5574, 41.9890**.

A 20% lighter version of the original color is **74.5158, 70.9109, 87.6017**, and **18.3249, 16.3678, 21.5955** is the 20% darker color. If you saturate the color by 10%, you get **36.6734, 31.1865, 43.7237**, and if you desaturate by 10%, it is **43.8363, 43.9693, 50.8680**.

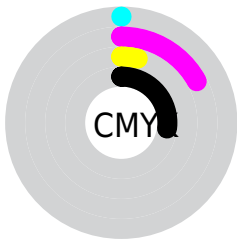
Distribution



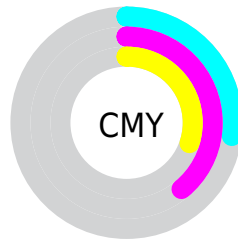
- Red (73%)
- Green (61%)
- Blue (70%)



- Red (73%)
- Yellow (61%)
- Blue (70%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (27%)





- Cyan (27%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0069, 37.0961, 47.1712 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 40.0069, 37.0961, 47.1712 by changing the saturation by 10% instead.


 40.0069, 37.0961,
47.1712


 40.0069, 37.0961,
47.1712

337.2866,
333.7264, 391.9110

 27.7282, 25.2819,
32.8157


 74.4583, 70.7206,
87.3218

 18.2602, 16.2872,
21.7153


 97.3617, 93.2996,
113.9539

 11.2378, 9.7276,
13.4516


124.5373,
120.2358, 145.5154

 6.2955, 5.2187,
7.6059

156.3505,
151.9134, 182.4247

 3.0679, 2.3762,
3.7597

193.1667,
188.7168, 225.1003

 1.1898, 0.8136,
1.4944

235.3512,

 0.0983, 0.0000,

231.0306, 273.9609

0.2138

283.2694,
279.2390, 329.4250

■ 0.0000, 0.0000,
0.0000

■ 40.0069, 37.0961,
47.1712

■ 40.0069, 37.0961,
47.1712

■ 36.6734, 31.1865,
43.7237

■ 43.8363, 43.9693,
50.8680

■ 33.8106, 26.1921,
40.5151

■ 48.1787, 51.8420,
54.8196

■ 31.3959, 22.0675,
37.5374

■ 53.0548, 60.7543,
59.0338

■ 29.4036, 18.7616,
34.7812

■ 58.4827, 70.7426,
63.5177

■ 27.8054, 16.2179,
32.2362

■ 64.4799, 81.8414,
68.2778

■ 26.5692, 14.3727,
29.8907

■ 67.2485, 86.4546,
72.0489

■ 25.6579, 13.1519,
27.7315

■ 67.8437, 86.6927,
75.1836

■ 25.0213, 12.4555,
25.7410

■ 68.4570, 86.9381,
78.4131

■ 24.8371, 12.2741,
25.1035

■ 69.0885, 87.1906,
81.7382

Harmonies

Analogous

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



38.1516, 37.0961, 53.7223



40.0069, 37.0961, 47.1712



40.5681, 37.0961, 39.4543

Triad

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



40.0069, 37.0961, 47.1712



34.9300, 37.0961, 27.5569



31.2049, 37.0961, 49.0085

Complementary

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



40.0069, 37.0961, 47.1712



37.6887, 44.7317, 41.2999

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.



30.4341, 37.0961, 41.3431



40.0069, 37.0961, 47.1712



32.5160, 37.0961, 29.4711

Square

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



40.0069, 37.0961, 47.1712



37.5528, 37.0961, 28.7123



30.9019, 37.0961, 34.2944



33.0601, 37.0961, 54.8726

Rectangle

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



40.0069, 37.0961, 47.1712



40.1107, 37.0961, 34.8221



30.9019, 37.0961, 34.2944



30.8147, 37.0961, 46.5249

Sweetspot

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



40.0080, 37.0977, 47.1720



80.6372, 81.8310, 93.3023



35.6389, 34.7498, 51.2839



17.6408, 17.8094, 20.4381



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.



40.0080, 37.0977, 47.1720



70.1983, 63.1150, 83.1583



38.5608, 36.5188, 39.5511



9.2793, 9.1221, 10.8180



16.7412, 8.2702, 17.0559



0.6139, 0.3010, 0.7260

Inverse Universe

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



40.0080, 37.0977, 47.1720



70.1983, 63.1150, 83.1583



39.1387, 45.3117, 48.9354



9.2793, 9.1221, 10.8180



16.7412, 8.2702, 17.0559



0.6139, 0.3010, 0.7260

Previews

White Background



This preview shows how the XYZ color 40.0069, 37.0961, 47.1712 looks on a white background.

Color Contrast Check

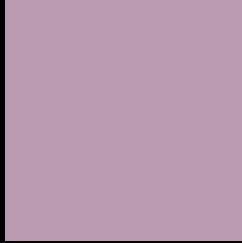
Large Text (above 18pt) WCAG AA × Fail

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 40.0069, 37.0961, 47.1712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

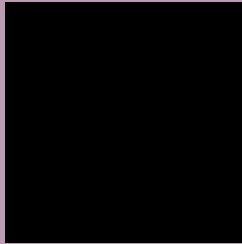
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0069, 37.0961, 47.1712

Background



This preview shows how black text looks on a background with the XYZ color 40.0069, 37.0961, 47.1712.



This preview shows how white text looks on a background with the XYZ color 40.0069, 37.0961,

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

40.0069, 37.0961, 47.1712

Protanopia

36.5447, 37.2947, 50.0722

Deuteranopia

37.7895, 36.9693, 46.7390



Tritanopia

39.2260, 37.2928, 42.6669

Trichromacy



Original Color

40.0069, 37.0961, 47.1712

Protanomaly

37.7059, 37.1357, 48.8967

Deuteranomaly

38.5228, 37.0930, 46.7243

Tritanomaly

39.3424, 37.0698, 44.1113

Monochromacy



Original Color

40.0069, 37.0961, 47.1712

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.9034, 38.1333, 43.8908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0069, 37.0961, 47.1712 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, 155, 178)` looks like.

```
.text, #text, p{  
    color:rgb(186, 155, 178)  
}
```

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, 155, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 155, 178) }
```

Border

The CSS property to change the border of an element to XYZ 40.0069, 37.0961, 47.1712 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, 155, 178) }
```


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

```
.border{ border-color:rgb(186, 155, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 155, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 155, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 155, 178);  
box-shadow:4px 4px 4px 4px rgb(186, 155,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0069, 37.0961, 47.1712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 155, 178) }
```

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

```
.background{ background-color: rgb(186,  
155, 178) }
```

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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