

Converting Colors

XYZ(41.1026, 37.7007, 51.6446)

Have a look what the booklet for
XYZ(41.1026, 37.7007, 51.6446)
contains.

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Color

**XYZ(41.2449, 37.8869,
51.5934)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9CBA
RGB	187, 156, 186
RGB Percent	73%, 61%, 73%
CMY	0.2667, 0.3882, 0.2706
CMYK	0.00, 0.17, 0.01, 0.27
HSL	302°, 19%, 67%
HSV	302°, 17%, 73%
XYZ	41.2449, 37.8869, 51.5934
YIQ	168.6890, 8.8460, 15.9020

Conversions

Conversions Part 2

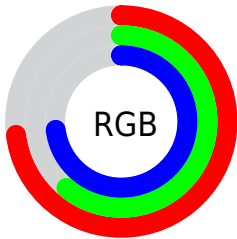
Format	Color
RYB	187, 156, 186
Decimal	12295354
CIELab	67.94, 16.74, -11.20
CIELCh	68, 20.146, 326.214
Yxy	37.8869, 0.3155, 0.2898
Android (android.graphics.Color)	4290485434 (0xFFBB9CBA)
YUV	168.6890, 8.5343, 16.0587
Hunter-Lab	61.5523, 11.8924, -6.6105

Details

The XYZ color **41.2449, 37.8869, 51.5934** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.5679, 45.0440, 38.6147**, and the grayscale version is **37.5156, 39.4693, 42.9821**.

A 20% lighter version of the original color is **76.2834, 72.0540, 93.8916**, and **19.1167, 16.8649, 24.4380** is the 20% darker color. If you saturate the color by 10%, you get **38.2818, 32.0625, 50.2903**, and if you desaturate by 10%, it is **44.6937, 44.6809, 53.0606**.

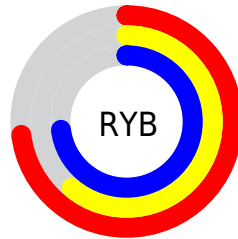
Distribution



Red (73%)

Green (61%)

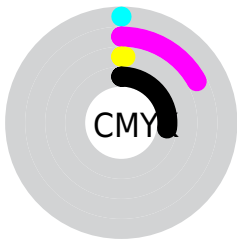
Blue (73%)



Red (73%)

Yellow (61%)

Blue (73%)

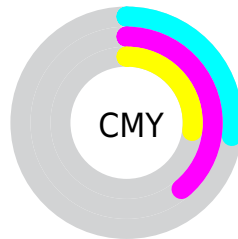


Cyan (0%)

Magenta (17%)

Yellow (1%)

Black (27%)



Cyan (27%)

Magenta (39%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2449, 37.8869, 51.5934 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 41.2449, 37.8869, 51.5934 by changing the saturation by 10% instead.

■ 41.2449, 37.8869,
51.5934

■ 41.2449, 37.8869,
51.5934

342.3883,
337.1346, 409.7771

■ 28.6990, 25.8949,
36.3011

■ 76.3279, 71.9348,
93.9518

■ 18.9964, 16.7450,
24.3753

■ 99.5957, 94.7594,
121.8549

■ 11.7717, 10.0529,
15.3975

127.1682,
121.9638, 154.7987

■ 6.6595, 5.4340,
8.9491

159.4107,
153.9322, 193.2018

■ 3.2945, 2.5041,
4.6116

196.6886,
191.0491, 237.4826

■ 1.3113, 0.8787,
1.9665

239.3673,

■ 0.1917, 0.0000,

233.6988, 288.0597

0.5346

287.8120,
282.2659, 345.3517

■ 0.0000, 0.0000,
0.0000

■ 41.2449, 37.8869,
51.5934

■ 41.2449, 37.8869,
51.5934

■ 38.2818, 32.0625,
50.2903

■ 44.6937, 44.6809,
53.0606

■ 35.7788, 27.1586,
49.1414

■ 48.6453, 52.4808,
54.6964

■ 33.7135, 23.1296,
48.1398

■ 53.1202, 61.3270,
56.5079

■ 32.0599, 19.9236,
47.2767

■ 58.1370, 71.2563,
58.5014

■ 30.7895, 17.4835,
46.5427

■ 63.7131, 82.3038,
60.6827

■ 29.8701, 15.7449,
45.9270

■ 65.5068, 85.7861,
61.6045

■ 29.2641, 14.6328,
45.4171

■ 65.5727, 85.8125,
61.9517

■ 28.9216, 14.0473,
44.9964

■ 65.6389, 85.8390,
62.3004

■ 28.8309, 13.8998,
44.8615

■ 65.7054, 85.8656,
62.6505

Harmonies

Analogous

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



38.7335, 37.8869, 58.7190



41.2449, 37.8869, 51.5934



42.3524, 37.8869, 42.4004

Triad

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



41.2449, 37.8869, 51.5934



36.4090, 37.8869, 26.3393



30.8787, 37.8869, 49.3400

Complementary

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



41.2449, 37.8869, 51.5934



37.5679, 45.0440, 38.6147

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.



30.3353, 37.8869, 40.1253



41.2449, 37.8869, 51.5934



33.4180, 37.8869, 27.6464

Square

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



41.2449, 37.8869, 51.5934



39.4602, 37.8869, 28.5267



31.2386, 37.8869, 32.3946



32.7677, 37.8869, 57.2914

Rectangle

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



41.2449, 37.8869, 51.5934



42.1009, 37.8869, 36.6264



31.2386, 37.8869, 32.3946



30.5375, 37.8869, 46.2523

Sweetspot

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



41.2460, 37.8885, 51.5942



81.0448, 81.9940, 95.4484



34.6703, 34.4863, 51.8436



17.7429, 17.8503, 20.9756



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.



41.2460, 37.8885, 51.5942



71.7815, 63.7483, 91.4952



39.7324, 37.2831, 43.6234



9.9163, 9.6908, 11.9483



19.8698, 9.5791, 30.9379



0.7825, 0.3769, 1.2340

Inverse Universe

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



41.2460, 37.8885, 51.5942



71.7815, 63.7483, 91.4952



38.9300, 45.5888, 45.7872



9.9163, 9.6908, 11.9483



19.8698, 9.5791, 30.9379



0.7825, 0.3769, 1.2340

Previews

White Background



This preview shows how the XYZ color 41.2449, 37.8869, 51.5934 looks on a white background.

Color Contrast Check

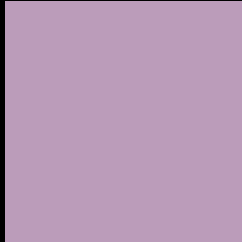
Large Text (above 18pt) WCAG AA × Fail

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 41.2449, 37.8869, 51.5934 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 41.2449, 37.8869, 51.5934

Background



This preview shows how black text looks on a background with the XYZ color 41.2449, 37.8869, 51.5934.



This preview shows how white text looks on a background with the XYZ color 41.2449, 37.8869,

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

41.2449, 37.8869, 51.5934

Protanopia

37.3774, 37.8896, 54.6336

Deuteranopia

38.7354, 37.8768, 51.1683



Tritanopia

39.7564, 38.0508, 43.7772

Trichromacy



Original Color

41.2449, 37.8869, 51.5934

Protanomaly

38.5077, 37.7099, 53.3933

Deuteranomaly

39.5152, 37.7640, 51.1055

Tritanomaly

40.3130, 38.0274, 46.2896

Monochromacy



Original Color

41.2449, 37.8869, 51.5934

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.9178, 38.8762, 46.0101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2449, 37.8869, 51.5934 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(187, 156, 186)` looks like.

```
.text, #text, p{  
    color:rgb(187, 156, 186)  
}
```

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(187, 156, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 156, 186) }
```

Border

The CSS property to change the border of an element to XYZ 41.2449, 37.8869, 51.5934 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(187, 156, 186) }
```


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

```
.border{ border-color:rgb(187, 156, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 156, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 156, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 156, 186);  
box-shadow:4px 4px 4px 4px rgb(187, 156,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2449, 37.8869, 51.5934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 156, 186) }
```

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

```
.background{ background-color: rgb(187,  
156, 186) }
```

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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