

Converting Colors

XYZ(40.8460, 37.7546, 52.6940)

Have a look what the booklet for
XYZ(40.8460, 37.7546, 52.6940)
contains.

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Color

**XYZ(40.7327, 37.5981,
52.6873)**

Conversions

Conversions Part 1

Format	Color
Hex	B89CBC
RGB	184, 156, 188
RGB Percent	72%, 61%, 74%
CMY	0.2784, 0.3882, 0.2627
CMYK	0.02, 0.17, 0.00, 0.26
HSL	292°, 19%, 67%
HSV	292°, 17%, 74%
XYZ	40.7327, 37.5981, 52.6873
YIQ	168.0200, 6.4160, 15.8880

Conversions

Conversions Part 2

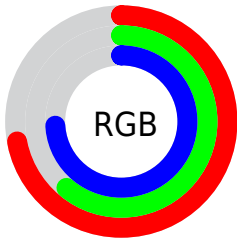
Format	Color
RYB	184, 156, 188
Decimal	12098748
CIELab	67.72, 16.09, -12.67
CIELCh	68, 20.479, 321.794
Yxy	37.5981, 0.3109, 0.2870
Android (android.graphics.Color)	4290288828 (0xFFB89CBC)
YUV	168.0200, 9.8501, 14.0145
Hunter-Lab	61.3173, 11.2712, -8.0232

Details

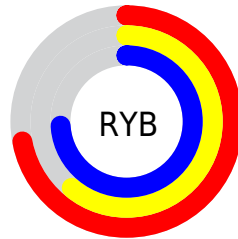
The XYZ color **40.7327, 37.5981, 52.6873** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.4826, 45.8413, 38.2744**, and the grayscale version is **37.1812, 39.1175, 42.5989**.

A 20% lighter version of the original color is **75.5586, 71.6454, 95.4345**, and **18.7848, 16.6777, 25.1507** is the 20% darker color. If you saturate the color by 10%, you get **37.2610, 31.4829, 51.6905**, and if you desaturate by 10%, it is **44.7043, 44.6979, 53.8489**.

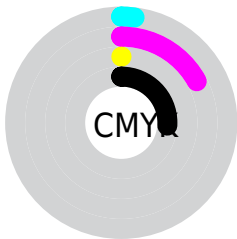
Distribution



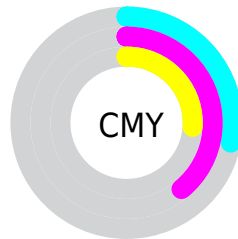
- Red (72%)
- Green (61%)
- Blue (74%)



- Red (72%)
- Yellow (61%)
- Blue (74%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (26%)



- Cyan (28%)
- Magenta (39%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7327, 37.5981, 52.6873 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 40.7327, 37.5981, 52.6873 by changing the saturation by 10% instead.

■ 40.7327, 37.5981,
52.6873

■ 40.7327, 37.5981,
52.6873

340.2839,
335.8928, 414.1165

■ 28.2970, 25.6709,
37.1672

■ 75.5552, 71.4917,
95.5810

■ 18.6913, 16.5776,
25.0402

■ 98.6728, 94.2269,
123.7916

■ 11.5501, 9.9338,
15.8877

126.0817,
121.3336, 157.0694

■ 6.5081, 5.3551,
9.2912

158.1473,
153.1961, 195.8331

■ 3.2000, 2.4571,
4.8322

195.2350,
190.1989, 240.5011

■ 1.2604, 0.8550,
2.0921

237.7101,

■ 0.1533, 0.0000,

232.7264, 291.4920

0.6111

285.9379,
281.1629, 349.2242

■ 0.0000, 0.0000,
0.0000

■ 40.7327, 37.5981,
52.6873

■ 40.7327, 37.5981,
52.6873

■ 37.2610, 31.4829,
51.6905

■ 44.7043, 44.6979,
53.8489

■ 34.2633, 26.3027,
50.8486

■ 49.1934, 52.8193,
55.1799

■ 31.7167, 22.0107,
50.1544

■ 54.2208, 62.0034,
56.6877

■ 29.5947, 18.5544,
49.5991

■ 59.8054, 72.2877,
58.3784

■ 27.8683, 15.8755,
49.1730

■ 65.9648, 83.7076,
60.2580

■ 26.5045, 13.9084,
48.8652

■ 68.1529, 87.1705,
60.8111

■ 25.4650, 12.5764,
48.6629

■ 68.7776, 87.4926,
60.8403

■ 24.6967, 11.7733,
48.5484

■ 69.4121, 87.8197,
60.8700

■ 24.4903, 11.5766,
48.5213

■ 70.0562, 88.1518,
60.9002

Harmonies

Analogous

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



38.0425, 37.5981, 59.3405



40.7327, 37.5981, 52.6873



42.1018, 37.5981, 43.4756

Triad

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



40.7327, 37.5981, 52.6873



36.6113, 37.5981, 26.0012



30.3794, 37.5981, 47.7533

Complementary

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



40.7327, 37.5981, 52.6873



38.4826, 45.8413, 38.2744

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.



30.0463, 37.5981, 38.5010



40.7327, 37.5981, 52.6873



33.5244, 37.5981, 26.7975

Square

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



40.7327, 37.5981, 52.6873



39.6322, 37.5981, 28.7165



31.1654, 37.5981, 31.0797



32.1037, 37.5981, 56.2119

Rectangle

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



40.7327, 37.5981, 52.6873



42.0281, 37.5981, 37.4791



31.1654, 37.5981, 31.0797



30.1053, 37.5981, 44.6033

Sweetspot

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



40.7338, 37.5997, 52.6881



82.5208, 83.7121, 98.0349



35.4061, 35.9347, 52.6475



17.6277, 17.7892, 21.0471



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.



40.7338, 37.5997, 52.6881



71.6433, 64.2831, 94.8581



40.4916, 37.6151, 46.3402



9.8094, 9.6341, 12.0148



16.7171, 7.9041, 33.0374



0.6881, 0.3268, 1.2957

Inverse Universe

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



38.9740, 37.0081, 38.3487



67.9463, 63.0466, 64.4406



38.7379, 45.8526, 43.7259



9.5774, 9.5553, 10.1636



14.2444, 7.3289, 1.3147



0.5741, 0.2935, 0.1362

Previews

White Background



This preview shows how the XYZ color 40.7327, 37.5981, 52.6873 looks on a white background.

Color Contrast Check

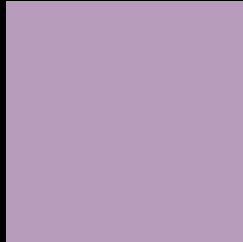
Large Text (above 18pt) WCAG AA × Fail

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 40.7327, 37.5981, 52.6873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

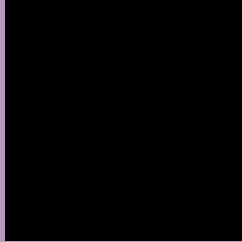
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.7327, 37.5981, 52.6873

Background



This preview shows how black text looks on a background with the XYZ color 40.7327, 37.5981, 52.6873.



This preview shows how white text looks on a background with the XYZ color 40.7327, 37.5981,

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

40.7327, 37.5981, 52.6873

Protanopia

37.3983, 37.8748, 55.7915

Deuteranopia

38.5091, 37.7355, 52.2677



Tritanopia

39.0402, 37.6816, 43.7437

Trichromacy



Original Color

40.7327, 37.5981, 52.6873

Protanomaly

38.5110, 37.6863, 54.5347

Deuteranomaly

39.2723, 37.6142, 52.2041

Tritanomaly

39.6911, 37.6953, 46.7790

Monochromacy



Original Color

40.7327, 37.5981, 52.6873

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.4689, 38.6447, 45.9891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7327, 37.5981, 52.6873 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, 156, 188)` looks like.

```
.text, #text, p{  
    color:rgb(184, 156, 188)  
}
```

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, 156, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 156, 188) }
```

Border

The CSS property to change the border of an element to XYZ 40.7327, 37.5981, 52.6873 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, 156, 188) }
```


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

```
.border{ border-color:rgb(184, 156, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 156, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 156, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 156, 188);  
box-shadow:4px 4px 4px 4px rgb(184, 156,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7327, 37.5981, 52.6873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 156, 188) }
```

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

```
.background{ background-color: rgb(184,  
156, 188) }
```

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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