

Converting Colors

XYZ(41.3242, 36.9785, 54.1892)

Have a look what the booklet for
XYZ(41.3242, 36.9785, 54.1892)
contains.

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Color

**XYZ(41.3712, 36.9094,
54.2339)**

Conversions

Conversions Part 1

Format	Color
Hex	BC98BF
RGB	188, 152, 191
RGB Percent	74%, 60%, 75%
CMY	0.2627, 0.4039, 0.2510
CMYK	0.02, 0.20, 0.00, 0.25
HSL	295°, 23%, 67%
HSV	295°, 20%, 75%
XYZ	41.3712, 36.9094, 54.2339
YIQ	167.2100, 8.9370, 19.7610

Conversions

Conversions Part 2

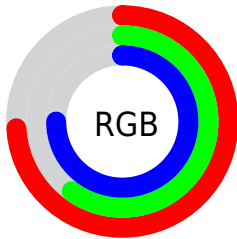
Format	Color
R _Y B	188, 152, 191
Decimal	12359871
CIE Lab	67.21, 20.27, -15.07
CIE LCh	67, 25.259, 323.361
Yxy	36.9094, 0.3122, 0.2785
Android (android.graphics.Color)	4290549951 (0xFFBC98BF)
YUV	167.2100, 11.7285, 18.2328
Hunter-Lab	60.7531, 15.2357, -10.4006

Details

The XYZ color **41.3712, 36.9094, 54.2339** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.8172, 46.4981, 36.6894**, and the grayscale version is **36.7754, 38.6906, 42.1341**.

A 20% lighter version of the original color is **76.5160, 70.2705, 97.5264**, and **19.0726, 16.2107, 26.1685** is the 20% darker color. If you saturate the color by 10%, you get **38.1577, 31.0163, 53.2663**, and if you desaturate by 10%, it is **45.0898, 43.8060, 55.3696**.

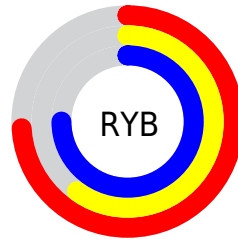
Distribution



Red (74%)

Green (60%)

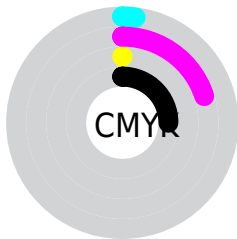
Blue (75%)



Red (74%)

Yellow (60%)

Blue (75%)

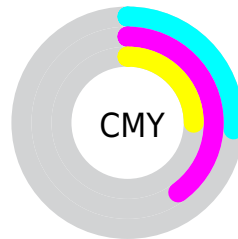


Cyan (2%)

Magenta (20%)

Yellow (0%)

Black (25%)



Cyan (26%)

Magenta (40%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3712, 36.9094, 54.2339 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 41.3712, 36.9094, 54.2339 by changing the saturation by 10% instead.

 41.3712, 36.9094,
54.2339


 41.3712, 36.9094,
54.2339

342.9058,
332.9181, 420.2011

 28.7982, 25.1374,
38.3942


 76.5182, 70.4334,
97.8775

 19.0717, 16.1794,
25.9846


 99.8230, 92.9542,
126.5184

 11.8264, 9.6512,
16.5865


127.4356,
119.8266, 160.2636

 6.6970, 5.1683,
9.7813

159.7216,
151.4352, 199.5315

 3.3179, 2.3464,
5.1505

197.0463,
188.1642, 244.7406

 1.3240, 0.7981,
2.2755

239.7750,

 0.2011, 0.0000,

230.3981, 296.3096

0.7175

288.2730,
278.5213, 354.6569

■ 0.0000, 0.0000,
0.0000

■ 41.3712, 36.9094,
54.2339

■ 41.3712, 36.9094,
54.2339

■ 38.1577, 31.0163,
53.2663

■ 45.0898, 43.8060,
55.3696

■ 35.4220, 26.0742,
52.4566

■ 49.3325, 51.7457,
56.6785

■ 33.1396, 22.0330,
51.7969

■ 54.1212, 60.7720,
58.1684

■ 31.2821, 18.8363,
51.2777

■ 59.4758, 70.9245,
59.8458

■ 29.8181, 16.4212,
50.8887

■ 65.4149, 82.2407,
61.7170

■ 28.7117, 14.7159,
50.6179

■ 68.1420, 87.1272,
62.5165

■ 27.9205, 13.6357,
50.4511

■ 68.5281, 87.3262,
62.5346

■ 27.3785, 13.0278,
50.3623

■ 68.9181, 87.5273,
62.5528

■ 69.3117, 87.7302,
62.5712

Harmonies

Analogous

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



38.1031, 36.9094, 62.9952



41.3712, 36.9094, 54.2339



42.9707, 36.9094, 42.6927

Triad

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



41.3712, 36.9094, 54.2339



35.9453, 36.9094, 22.5754



28.7073, 36.9094, 49.2065

Complementary

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



41.3712, 36.9094, 54.2339



37.8172, 46.4981, 36.6894

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.



28.2220, 36.9094, 37.7833



41.3712, 36.9094, 54.2339



32.2236, 36.9094, 23.6807

Square

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



41.3712, 36.9094, 54.2339



39.6931, 36.9094, 25.4480



29.4636, 36.9094, 28.8044



30.8412, 36.9094, 59.7410

Rectangle

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



41.3712, 36.9094, 54.2339



42.7982, 36.9094, 35.4797



29.4636, 36.9094, 28.8044



28.3527, 36.9094, 45.2956

Sweetspot

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



41.3723, 36.9110, 54.2347



83.9219, 84.3678, 100.1406



34.1174, 33.9648, 54.0484



18.3197, 18.3229, 21.9564



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



41.3723, 36.9110, 54.2347



71.1209, 60.6322, 96.2338



40.4286, 36.6198, 45.3675



9.8556, 9.6579, 12.0169



18.0233, 8.5774, 33.0986



0.7277, 0.3472, 1.2975

Inverse Universe

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



38.6317, 35.9010, 35.9056



65.2614, 58.4801, 56.7177



38.6722, 46.7744, 44.1595



9.5592, 9.5480, 10.0675



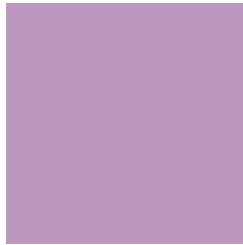
14.1876, 7.3062, 1.0155



0.5660, 0.2903, 0.0938

Previews

White Background



This preview shows how the XYZ color 41.3712, 36.9094, 54.2339 looks on a white background.

Color Contrast Check

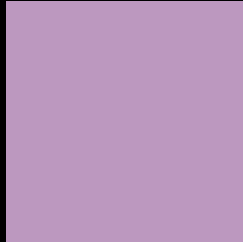
Large Text (above 18pt) WCAG AA × Fail

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 41.3712, 36.9094, 54.2339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

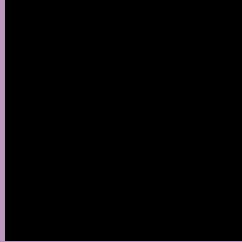
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3712, 36.9094, 54.2339

Background



This preview shows how black text looks on a background with the XYZ color 41.3712, 36.9094, 54.2339.



This preview shows how white text looks on a background with the XYZ color 41.3712, 36.9094,

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

41.3712, 36.9094, 54.2339

Protanopia

36.8237, 36.9858, 58.6242

Deuteranopia

37.8014, 37.0748, 53.8790



Tritanopia

38.9639, 36.9184, 42.1181

Trichromacy



Original Color

41.3712, 36.9094, 54.2339

Protanomaly

38.2256, 36.7187, 56.7025

Deuteranomaly

39.0304, 36.9456, 53.7893

Tritanomaly

39.8075, 37.0164, 46.1211

Monochromacy



Original Color

41.3712, 36.9094, 54.2339

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.4360, 38.0892, 46.4005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3712, 36.9094, 54.2339 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(188, 152, 191)` looks like.

```
.text, #text, p{  
    color:rgb(188, 152, 191)  
}
```

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(188, 152, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 152, 191) }
```

Border

The CSS property to change the border of an element to XYZ 41.3712, 36.9094, 54.2339 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(188, 152, 191) }
```


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

```
.border{ border-color:rgb(188, 152, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 152, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 152, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 152, 191);  
box-shadow:4px 4px 4px 4px rgb(188, 152,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3712, 36.9094, 54.2339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 152, 191) }
```

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

```
.background{ background-color: rgb(188,  
152, 191) }
```

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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