

Converting Colors

XYZ(38.9492, 34.7357, 44.3534)

Have a look what the booklet for
XYZ(38.9492, 34.7357, 44.3534)
contains.

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Color

**XYZ(38.9628, 34.7034,
44.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	BD93AD
RGB	189, 147, 173
RGB Percent	74%, 58%, 68%
CMY	0.2588, 0.4235, 0.3216
CMYK	0.00, 0.22, 0.08, 0.26
HSL	323°, 24%, 66%
HSV	323°, 22%, 74%
XYZ	38.9628, 34.7034, 44.1800
YIQ	162.5220, 16.6860, 16.9900

Conversions

Conversions Part 2

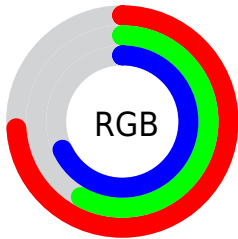
Format	Color
RYB	189, 147, 173
Decimal	12424109
CIELab	65.52, 20.06, -7.52
CIELCh	66, 21.423, 339.456
Yxy	34.7034, 0.3306, 0.2945
Android (android.graphics.Color)	4290614189 (0xFFBD93AD)
YUV	162.5220, 5.1657, 23.2212
Hunter-Lab	58.9096, 14.9681, -3.2286

Details

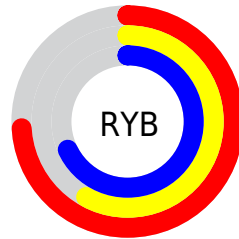
The XYZ color **38.9628, 34.7034, 44.1800** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.8425, 45.2435, 41.4435**, and the grayscale version is **34.5594, 36.3592, 39.5952**.

A 20% lighter version of the original color is **72.8963, 66.9676, 82.4828**, and **17.6257, 14.8971, 20.0356** is the 20% darker color. If you saturate the color by 10%, you get **35.5839, 29.0304, 39.7084**, and if you desaturate by 10%, it is **42.8641, 41.3602, 49.0119**.

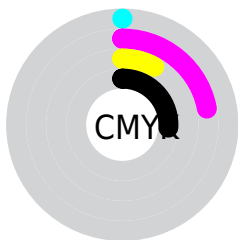
Distribution



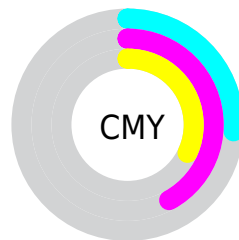
- Red (74%)
- Green (58%)
- Blue (68%)



- Red (74%)
- Yellow (58%)
- Blue (68%)



- Cyan (0%)
- Magenta (22%)
- Yellow (8%)
- Black (26%)





- Cyan (26%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9628, 34.7034, 44.1800 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 38.9628, 34.7034, 44.1800 by changing the saturation by 10% instead.


 38.9628, 34.7034,
44.1800


 38.9628, 34.7034,
44.1800


332.9422,
323.2572, 379.5051

 26.9114, 23.4345,
30.4738


 72.8759, 67.0260,
82.7939

 17.6429, 14.9147,
19.9434


 95.4683, 88.8485,
108.5387

 10.7921, 8.7595,
12.1702


122.3051,
114.9577, 139.1334

 5.9934, 4.5847,
6.7358

153.7517,
145.7379, 174.9966

 2.8817, 2.0057,
3.2215

190.1733,
181.5736, 216.5469

 1.0915, 0.6108,
1.2088

231.9353,

 0.0180, 0.0000,

222.8491, 264.2027

0.0000

279.4032,
269.9488, 318.3826

■ 0.0000, 0.0000,
0.0000

■ 38.9628, 34.7034,
44.1800

■ 38.9628, 34.7034,
44.1800

■ 35.5839, 29.0304,
39.7084

■ 42.8641, 41.3602,
49.0119

■ 32.7003, 24.2892,
35.5838

■ 47.3074, 49.0403,
54.2121

■ 30.2867, 20.4301,
31.7954

■ 52.3147, 57.7866,
59.7913

■ 28.3147, 17.3967,
28.3307

■ 57.9061, 67.6384,
65.7587

■ 26.7523, 15.1262,
25.1757

■ 64.1006, 78.6326,
72.1234

■ 25.5629, 13.5467,
22.3152

■ 69.1676, 87.3074,
78.3111

■ 24.7031, 12.5722,
19.7314

■ 70.1205, 87.6885,
83.3288

■ 24.1970, 12.1031,
17.8887

■ 71.1147, 88.0862,
88.5641

■ 72.1507, 88.5006,
94.0197

Harmonies

Analogous

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



36.9690, 34.7034, 52.7592



38.9628, 34.7034, 44.1800



39.3010, 34.7034, 35.0180

Triad

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



38.9628, 34.7034, 44.1800



32.0033, 34.7034, 23.1762



28.5420, 34.7034, 49.8644

Complementary

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



38.9628, 34.7034, 44.1800



36.8425, 45.2435, 41.4435

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.



27.3840, 34.7034, 40.6964



38.9628, 34.7034, 44.1800



29.2971, 34.7034, 25.9533

Square

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



38.9628, 34.7034, 44.1800



35.1475, 34.7034, 23.8057



27.6514, 34.7034, 32.0409



30.9122, 34.7034, 56.3853

Rectangle

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



38.9628, 34.7034, 44.1800



38.5218, 34.7034, 29.9102



27.6514, 34.7034, 32.0409



28.0051, 34.7034, 46.9358

Sweetspot

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



38.9638, 34.7049, 44.1807



80.7100, 80.8676, 92.4533



34.6022, 32.2667, 52.5490



17.2542, 17.2138, 19.7620



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.



38.9638, 34.7049, 44.1807



66.5151, 56.6453, 74.8734



37.1380, 33.9746, 34.5662



9.7717, 9.6330, 11.1866



16.3185, 8.1586, 12.2369



0.6701, 0.3320, 0.6422

Inverse Universe

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



38.9638, 34.7049, 44.1807



66.5151, 56.6453, 74.8734



38.8203, 46.0347, 51.8586



9.7717, 9.6330, 11.1866



16.3185, 8.1586, 12.2369



0.6701, 0.3320, 0.6422

Previews

White Background



This preview shows how the XYZ color 38.9628, 34.7034, 44.1800 looks on a white background.

Color Contrast Check

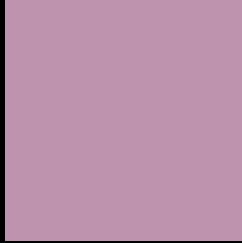
Large Text (above 18pt) WCAG AA × Fail

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 38.9628, 34.7034, 44.1800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

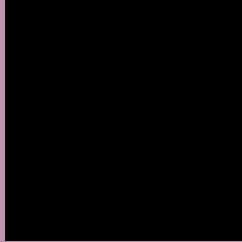
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9628, 34.7034, 44.1800

Background



This preview shows how black text looks on a background with the XYZ color 38.9628, 34.7034, 44.1800.



This preview shows how white text looks on a background with the XYZ color 38.9628, 34.7034,

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

38.9628, 34.7034, 44.1800

Protanopia

34.1754, 34.8169, 48.0991

Deuteranopia

35.5299, 34.8563, 43.8850



Tritanopia

37.6740, 34.6329, 38.4174

Trichromacy



Original Color

38.9628, 34.7034, 44.1800

Protanomaly

35.6399, 34.6104, 46.3970

Deuteranomaly

36.5791, 34.6651, 43.7928

Tritanomaly

38.1205, 34.5878, 40.2643

Monochromacy



Original Color

38.9628, 34.7034, 44.1800

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.0453, 35.6746, 41.5453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9628, 34.7034, 44.1800 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(189, 147, 173)` looks like.

```
.text, #text, p{  
    color:rgb(189, 147, 173)  
}
```

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(189, 147, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 147, 173) }
```

Border

The CSS property to change the border of an element to XYZ 38.9628, 34.7034, 44.1800 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(189, 147, 173) }
```


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

```
.border{ border-color:rgb(189, 147, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 147, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 147, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 147, 173);  
box-shadow:4px 4px 4px 4px rgb(189, 147,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9628, 34.7034, 44.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 147, 173) }
```

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

```
.background{ background-color: rgb(189,  
147, 173) }
```

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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