

Converting Colors

XYZ(38.0998, 34.8361, 44.4385)

Have a look what the booklet for
XYZ(38.0998, 34.8361, 44.4385)
contains.

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Color

**XYZ(38.0574, 34.7024,
44.2275)**

Conversions

Conversions Part 1

Format	Color
Hex	B895AD
RGB	184, 149, 173
RGB Percent	72%, 58%, 68%
CMY	0.2784, 0.4157, 0.3216
CMYK	0.00, 0.19, 0.06, 0.28
HSL	319°, 20%, 65%
HSV	319°, 19%, 72%
XYZ	38.0574, 34.7024, 44.2275
YIQ	162.2010, 13.1560, 14.8840

Conversions

Conversions Part 2

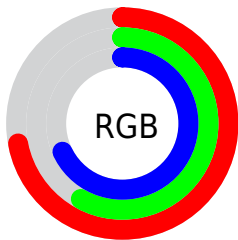
Format	Color
RYB	184, 149, 173
Decimal	12096941
CIELab	65.52, 17.16, -7.57
CIELCh	66, 18.761, 336.194
Yxy	34.7024, 0.3253, 0.2966
Android (android.graphics.Color)	4290287021 (0xFFB895AD)
YUV	162.2010, 5.3239, 19.1177
Hunter-Lab	58.9087, 12.2278, -3.2776

Details

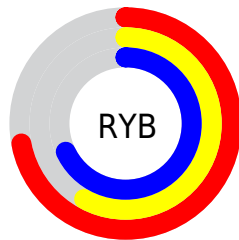
The XYZ color **38.0574, 34.7024, 44.2275** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.8814, 43.2095, 39.7088**, and the grayscale version is **34.4092, 36.2012, 39.4231**.

A 20% lighter version of the original color is **71.2947, 66.8386, 82.5423**, and **17.1789, 14.9411, 20.0677** is the 20% darker color. If you saturate the color by 10%, you get **34.8258, 29.1151, 40.4489**, and if you desaturate by 10%, it is **41.7752, 41.2223, 48.2885**.

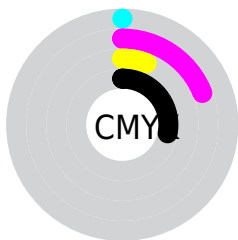
Distribution



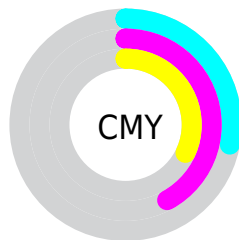
- Red (72%)
- Green (58%)
- Blue (68%)



- Red (72%)
- Yellow (58%)
- Blue (68%)



- Cyan (0%)
- Magenta (19%)
- Yellow (6%)
- Black (28%)





- Cyan (28%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0574, 34.7024, 44.2275 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 38.0574, 34.7024, 44.2275 by changing the saturation by 10% instead.


 38.0574, 34.7024,
44.2275


 38.0574, 34.7024,
44.2275

329.1427,
323.2528, 379.7043

 26.2047, 23.4337,
30.5109


 71.4994, 67.0245,
82.8661

 17.1103, 14.9141,
19.9714


 93.8194, 88.8467,
108.6252

 10.4090, 8.7591,
12.1904


120.3593,
114.9555, 139.2354

 5.7353, 4.5844,
6.7493

151.4842,
145.7353, 175.1155

 2.7239, 2.0055,
3.2298

187.5597,
181.5706, 216.6839

 1.0095, 0.6107,
1.2131

228.9510,

 0.0000, 0.0000,

222.8456, 264.3591

0.0000

276.0236,
269.9449, 318.5598

■ 38.0574, 34.7024,
44.2275

■ 38.0574, 34.7024,
44.2275

■ 34.8258, 29.1151,
40.4489

■ 41.7752, 41.2223,
48.2885

■ 32.0555, 24.4125,
36.9418

■ 45.9965, 48.7106,
52.6379

■ 29.7239, 20.5496,
33.6974

■ 50.7416, 57.2067,
57.2843

■ 27.8052, 17.4753,
30.7057

■ 56.0287, 66.7465,
62.2353

■ 26.2711, 15.1333,
27.9555

■ 61.8751, 77.3643,
67.4979

■ 25.0891, 13.4593,
25.4344

■ 66.8758, 86.2498,
72.6053

■ 24.2214, 12.3781,
23.1283

■ 67.5992, 86.5392,
76.4149

■ 23.6003, 11.7550,
21.0127

■ 68.3489, 86.8391,
80.3625

■ 23.5440, 11.7011,
20.8126

■ 69.1250, 87.1495,
84.4495

Harmonies

Analogous

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



36.2029, 34.7024, 51.3588



38.0574, 34.7024, 44.2275



38.5198, 34.7024, 36.1758

Triad

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



38.0574, 34.7024, 44.2275



32.4168, 34.7024, 24.6502



28.9009, 34.7024, 47.4431

Complementary

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



38.0574, 34.7024, 44.2275



35.8814, 43.2095, 39.7088

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.



28.0050, 34.7024, 39.4412



38.0574, 34.7024, 44.2275



29.9610, 34.7024, 26.8421

Square

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



38.0574, 34.7024, 44.2275



35.1624, 34.7024, 25.5632



28.3821, 34.7024, 32.0007



30.8967, 34.7024, 53.3883

Rectangle

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



38.0574, 34.7024, 44.2275



37.9551, 34.7024, 31.4918



28.3821, 34.7024, 32.0007



28.4663, 34.7024, 44.8654

Sweetspot

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



38.0584, 34.7039, 44.2282



77.8660, 78.5039, 89.7821



33.7981, 32.3796, 49.8163



16.6832, 16.7414, 19.2475



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.0584, 34.7039, 44.2282



66.3270, 58.2845, 77.1228



36.5166, 34.0872, 36.1090



9.2575, 9.1134, 10.7035



16.2593, 8.0775, 14.5179



0.5998, 0.2954, 0.6520

Inverse Universe

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



38.0584, 34.7039, 44.2282



66.3270, 58.2845, 77.1228



37.4719, 43.8457, 48.0838



9.2575, 9.1134, 10.7035



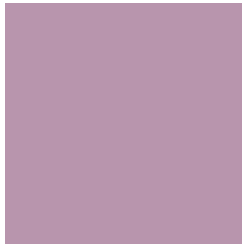
16.2593, 8.0775, 14.5179



0.5998, 0.2954, 0.6520

Previews

White Background



This preview shows how the XYZ color 38.0574, 34.7024, 44.2275 looks on a white background.

Color Contrast Check

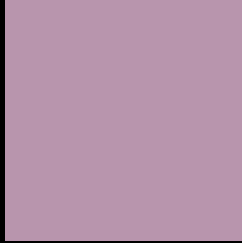
Large Text (above 18pt) WCAG AA × Fail

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 38.0574, 34.7024, 44.2275 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 38.0574, 34.7024, 44.2275

Background



This preview shows how black text looks on a background with the XYZ color 38.0574, 34.7024, 44.2275.



This preview shows how white text looks on a background with the XYZ color 38.0574, 34.7024,

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

38.0574, 34.7024, 44.2275

Protanopia

34.0738, 34.7763, 47.5644

Deuteranopia

35.5299, 34.8563, 43.8850



Tritanopia

37.2059, 34.8448, 39.4151

Trichromacy



Original Color

38.0574, 34.7024, 44.2275

Protanomaly

35.3830, 34.7240, 46.4325

Deuteranomaly

36.2932, 34.7597, 43.8262

Tritanomaly

37.4098, 34.6700, 41.2795

Monochromacy



Original Color

38.0574, 34.7024, 44.2275

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.5175, 35.4132, 41.0398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0574, 34.7024, 44.2275 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, 149, 173)` looks like.

```
.text, #text, p{  
    color:rgb(184, 149, 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(184, 149, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 149, 173) }
```

Border

The CSS property to change the border of an element to XYZ 38.0574, 34.7024, 44.2275 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, 149, 173) }
```


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

```
.border{ border-color:rgb(184, 149, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 149, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 149, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 149, 173);  
box-shadow:4px 4px 4px 4px rgb(184, 149,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0574, 34.7024, 44.2275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 149, 173) }
```

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

```
.background{ background-color: rgb(184,  
149, 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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