

Converting Colors

XYZ(38.6050, 34.7363, 40.8750)

Have a look what the booklet for
XYZ(38.6050, 34.7363, 40.8750)
contains.

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Color

**XYZ(38.7080, 34.8801,
40.7688)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BE94A6 |
| RGB | 190, 148, 166 |
| RGB Percent | 75%, 58%, 65% |
| CMY | 0.2549, 0.4196, 0.3490 |
| CMYK | 0.00, 0.22, 0.13, 0.25 |
| HSL | 334°, 24%, 66% |
| HSV | 334°, 22%, 75% |
| XYZ | 38.7080, 34.8801, 40.7688 |
| YIQ | 162.6100, 19.2540, 14.5020 |

Conversions

Conversions Part 2

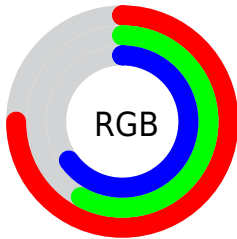
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 190, 148, 166 |
| Decimal | 12489894 |
| CIE _{Lab} | 65.66, 18.65, -3.37 |
| CIE _{LCh} | 66, 18.955, 349.769 |
| Yxy | 34.8801, 0.3385, 0.3050 |
| Android (android.graphics.Color) | 4290679974 (0xFFBE94A6) |
| YUV | 162.6100, 1.6713, 24.0210 |
| Hunter-Lab | 59.0594, 13.6365, 0.4136 |

Details

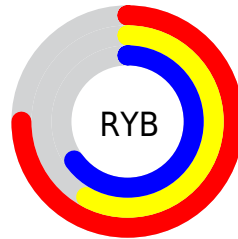
The XYZ color **38.7080, 34.8801, 40.7688** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.0739, 46.1022, 45.9237**, and the grayscale version is **34.6158, 36.4185, 39.6598**.

A 20% lighter version of the original color is **72.5294, 67.2357, 77.5617**, and **17.4653, 14.9985, 17.8941** is the 20% darker color. If you saturate the color by 10%, you get **35.0146, 29.0203, 34.8294**, and if you desaturate by 10%, it is **42.9767, 41.7550, 47.3158**.

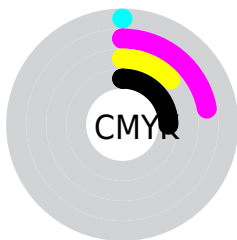
Distribution



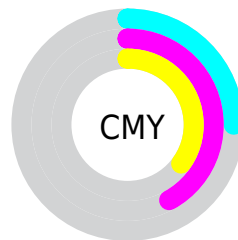
- Red (75%)
- Green (58%)
- Blue (65%)



- Red (75%)
- Yellow (58%)
- Blue (65%)



- Cyan (0%)
- Magenta (22%)
- Yellow (13%)
- Black (25%)





- Cyan (25%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7080, 34.8801, 40.7688 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 38.7080, 34.8801, 40.7688 by changing the saturation by 10% instead.


 38.7080, 34.8801,
40.7688


 38.7080, 34.8801,
40.7688

331.8760,
324.0388, 365.0014

 26.7123, 23.5705,
27.8201


 72.4890, 67.3000,
77.5827

 17.4928, 15.0153,
17.9523


 95.0050, 89.1791,
102.2849

 10.6839, 8.8302,
10.7466


121.7585,
115.3501, 131.7421

 5.9204, 4.6306,
5.7847

153.1149,
146.1976, 166.3728

 2.8370, 2.0322,
2.6480

189.4394,
182.1058, 206.5956

 1.0681, 0.6261,
0.9171

231.0976,

 0.0000, 0.0000,

223.4591, 252.8289

0.0000

278.4547,
270.6420, 305.4913

■ 38.7080, 34.8801,
40.7688

■ 38.7080, 34.8801,
40.7688

■ 35.0146, 29.0203,
34.8294

■ 42.9767, 41.7550,
47.3158

■ 31.8676, 24.1224,
29.4764

■ 47.8419, 49.6856,
54.4859

■ 29.2400, 20.1354,
24.6907

■ 53.3273, 58.7159,
62.2972

■ 27.1012, 17.0018,
20.4510

■ 59.4546, 68.8860,
70.7658

■ 25.4172, 14.6572,
16.7345

■ 66.2443, 80.2340,
79.9077

■ 24.1493, 13.0282,
13.5161

■ 71.4402, 88.2452,
88.9795

■ 23.2515, 12.0271,
10.7677

■ 73.0234, 88.8785,
97.3165

■ 22.7364, 11.5476,
8.8981

■ 74.7035, 89.5505,
106.1635

■ 75.0454, 89.6872,
107.9638

Harmonies

Analogous

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



37.4122, 34.8801, 48.7728



38.7080, 34.8801, 40.7688



38.4530, 34.8801, 33.0226

Triad

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



38.7080, 34.8801, 40.7688



31.3736, 34.8801, 25.2942



29.8119, 34.8801, 50.9351

Complementary

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



38.7080, 34.8801, 40.7688



38.0739, 46.1022, 45.9237

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.



28.3630, 34.8801, 43.4069



38.7080, 34.8801, 40.7688



29.2290, 34.8801, 28.9073

Square

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



38.7080, 34.8801, 40.7688



34.1130, 34.8801, 24.7941



28.1557, 34.8801, 35.3185



32.2102, 34.8801, 55.1634

Rectangle

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



38.7080, 34.8801, 40.7688



37.4423, 34.8801, 28.9863



28.1557, 34.8801, 35.3185



29.2035, 34.8801, 48.6611

Sweetspot

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



38.7090, 34.8817, 40.7695



82.1407, 82.5923, 92.0826



36.8548, 33.6473, 53.2677



17.9197, 17.9448, 20.0469



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.



38.7090, 34.8817, 40.7695



66.4485, 57.3218, 68.0034



37.6161, 35.1558, 32.8220



9.6953, 9.6024, 10.7844



15.1560, 7.6936, 6.1152



0.6265, 0.3145, 0.4123

Inverse Universe

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



38.7090, 34.8817, 40.7695



66.4485, 57.3218, 68.0034



39.3209, 45.6400, 55.4525



9.6953, 9.6024, 10.7844



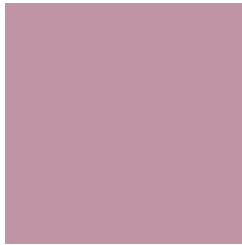
15.1560, 7.6936, 6.1152



0.6265, 0.3145, 0.4123

Previews

White Background



This preview shows how the XYZ color 38.7080, 34.8801, 40.7688 looks on a white background.

Color Contrast Check

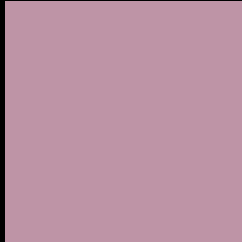
Large Text (above 18pt) WCAG AA × Fail

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 38.7080, 34.8801, 40.7688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

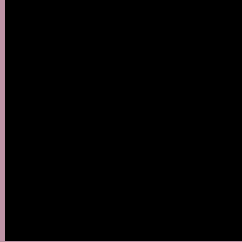
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.7080, 34.8801, 40.7688

Background



This preview shows how black text looks on a background with the XYZ color 38.7080, 34.8801, 40.7688.



This preview shows how white text looks on a background with the XYZ color 38.7080, 34.8801,

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

38.7080, 34.8801, 40.7688

Protanopia

34.1426, 35.1458, 44.0140

Deuteranopia

35.7465, 35.0435, 40.4773



Tritanopia

38.0789, 34.8518, 37.9778

Trichromacy



Original Color

38.7080, 34.8801, 40.7688

Protanomaly

35.5546, 34.8910, 42.8909

Deuteranomaly

36.6102, 34.7568, 40.3765

Tritanomaly

38.2553, 34.9223, 38.9068

Monochromacy



Original Color

38.7080, 34.8801, 40.7688

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.1613, 36.0183, 40.1683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7080, 34.8801, 40.7688 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(190, 148, 166)` looks like.

```
.text, #text, p{  
    color:rgb(190, 148, 166)  
}
```

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(190, 148, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 148, 166) }
```

Border

The CSS property to change the border of an element to XYZ 38.7080, 34.8801, 40.7688 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(190, 148, 166) }
```


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

```
.border{ border-color:rgb(190, 148, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 148, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 148, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 148, 166);  
box-shadow:4px 4px 4px 4px rgb(190, 148,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7080, 34.8801, 40.7688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 148, 166) }
```

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

```
.background{ background-color: rgb(190,  
148, 166) }
```

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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