

Converting Colors

XYZ(44.4387, 38.2870, 57.8390)

Have a look what the booklet for
XYZ(44.4387, 38.2870, 57.8390)
contains.

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Color

**XYZ(44.4334, 38.1702,
57.8490)**

Conversions

Conversions Part 1

Format	Color
Hex	C697C5
RGB	198, 151, 197
RGB Percent	78%, 59%, 77%
CMY	0.2235, 0.4078, 0.2274
CMYK	0.00, 0.24, 0.01, 0.22
HSL	301°, 29%, 68%
HSV	301°, 24%, 78%
XYZ	44.4334, 38.1702, 57.8490
YIQ	170.2970, 13.2460, 24.2700

Conversions

Conversions Part 2

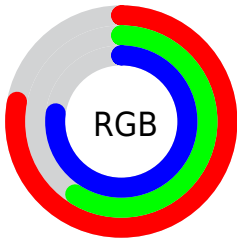
Format	Color
R_{YB}	198, 151, 197
Decimal	13014981
CIE _{Lab}	68.15, 25.36, -16.91
CIE _{LCh}	68, 30.477, 326.308
Yxy	38.1702, 0.3164, 0.2718
Android (android.graphics.Color)	4291205061 (0xFFC697C5)
YUV	170.2970, 13.1646, 24.2955
Hunter-Lab	61.7820, 20.2579, -12.2682

Details

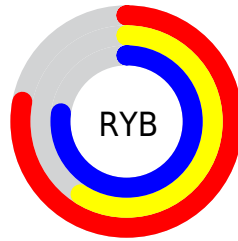
The XYZ color **44.4334, 38.1702, 57.8490** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.6257, 49.2358, 37.1756**, and the grayscale version is **38.2893, 40.2834, 43.8686**.

A 20% lighter version of the original color is **81.2007, 72.5584, 103.4914**, and **21.0167, 17.0268, 28.1654** is the 20% darker color. If you saturate the color by 10%, you get **41.4628, 32.3055, 56.6212**, and if you desaturate by 10%, it is **47.9417, 45.1086, 59.2575**.

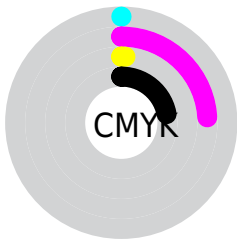
Distribution



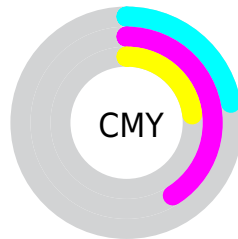
- Red (78%)
- Green (59%)
- Blue (77%)



- Red (78%)
- Yellow (59%)
- Blue (77%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (22%)





- Cyan (22%)
- Magenta (41%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4334, 38.1702, 57.8490 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 44.4334, 38.1702, 57.8490 by changing the saturation by 10% instead.


 44.4334, 38.1702,
57.8490


 44.4334, 38.1702,
57.8490


355.2964,
338.3495, 434.2056

 31.2107, 26.1148,
41.2734


 81.1118, 72.3689,
103.2155

 20.9120, 16.9096,
28.2114


 105.2983, 95.2811,
132.8435

 13.1718, 10.1700,
18.2447


133.8701,
122.5809, 167.6594

 7.6248, 5.5118,
10.9545

167.1926,
154.6529, 208.0816

 3.9056, 2.5506,
5.9225

205.6311,
191.8813, 254.5289

 1.6488, 0.9019,
2.7300

249.5510,

 0.4239, 0.0000,

234.6506, 307.4196

0.9585

299.3176,
283.3452, 367.1723

■ 0.0000, 0.0000,
0.0000

■ 44.4334, 38.1702,
57.8490

■ 44.4334, 38.1702,
57.8490

■ 41.4628, 32.3055,
56.6212

■ 47.9417, 45.1086,
59.2575

■ 38.9995, 27.4560,
55.5628

■ 52.0089, 53.1654,
60.8526

■ 37.0158, 23.5653,
54.6649

■ 56.6595, 62.3888,
62.6428

■ 35.4798, 20.5698,
53.9168

■ 61.9155, 72.8228,
64.6355

■ 34.3555, 18.3976,
53.3067

■ 67.7978, 84.5090,
66.8376

■ 33.6018, 16.9663,
52.8208

■ 69.4196, 87.6742,
67.6202

■ 33.1687, 16.1761,
52.4424

■ 69.4688, 87.6939,
67.8793

■ 33.0027, 15.8914,
52.2408

■ 69.5182, 87.7136,
68.1391

■ 69.5676, 87.7334,
68.3997

Harmonies

Analogous

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



40.4858, 38.1702, 69.7388



44.4334, 38.1702, 57.8490



46.1928, 38.1702, 43.2702

Triad

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



44.4334, 38.1702, 57.8490



36.8717, 38.1702, 20.5197



28.6834, 38.1702, 54.2835

Complementary

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



44.4334, 38.1702, 57.8490



38.6257, 49.2358, 37.1756

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.



27.8970, 38.1702, 39.8972



44.4334, 38.1702, 57.8490



32.3754, 38.1702, 22.2256

Square

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



44.4334, 38.1702, 57.8490



41.5930, 38.1702, 23.3553



29.1899, 38.1702, 28.6589



31.4392, 38.1702, 67.3845

Rectangle

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



44.4334, 38.1702, 57.8490



45.7840, 38.1702, 34.6313



29.1899, 38.1702, 28.6589



28.1910, 38.1702, 49.3582

Sweetspot

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



44.4346, 38.1719, 57.8498



89.5565, 89.1108, 106.7673



34.1697, 32.8669, 57.9700



19.0726, 18.8828, 22.8150



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



44.4346, 38.1719, 57.8498



76.1037, 62.4975, 101.3819



41.9691, 37.1857, 44.8668



11.0730, 10.8126, 13.3676



21.4664, 10.3361, 33.9955



1.0196, 0.4907, 1.6264

Inverse Universe

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



44.4346, 38.1719, 57.8498



76.1037, 62.4975, 101.3819



40.7238, 50.0750, 48.2241



11.0730, 10.8126, 13.3676



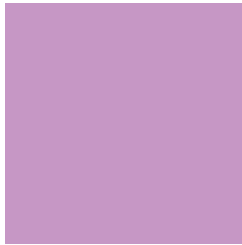
21.4664, 10.3361, 33.9955



1.0196, 0.4907, 1.6264

Previews

White Background



This preview shows how the XYZ color 44.4334, 38.1702, 57.8490 looks on a white background.

Color Contrast Check

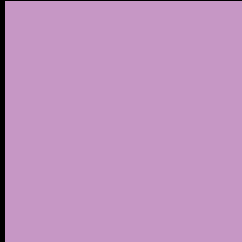
Large Text (above 18pt) WCAG AA × Fail

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 44.4334, 38.1702, 57.8490 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 44.4334, 38.1702, 57.8490

Background



This preview shows how black text looks on a background with the XYZ color 44.4334, 38.1702, 57.8490.



This preview shows how white text looks on a background with the XYZ color 44.4334, 38.1702,

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

44.4334, 38.1702, 57.8490

Protanopia

38.5003, 38.5346, 63.8013

Deuteranopia

39.1328, 38.2158, 56.9436



Tritanopia

41.2045, 38.0734, 42.2230

Trichromacy



Original Color

44.4334, 38.1702, 57.8490

Protanomaly

40.3636, 38.2241, 61.7505

Deuteranomaly

41.0131, 38.1425, 57.4252

Tritanomaly

42.1980, 37.9680, 47.7523

Monochromacy



Original Color

44.4334, 38.1702, 57.8490

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.1578, 39.1930, 48.6285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4334, 38.1702, 57.8490 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(198, 151, 197)` looks like.

```
.text, #text, p{  
    color:rgb(198, 151, 197)  
}
```

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(198, 151, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 151, 197) }
```

Border

The CSS property to change the border of an element to XYZ 44.4334, 38.1702, 57.8490 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(198, 151, 197) }
```


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

```
.border{ border-color:rgb(198, 151, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 151, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 151, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 151, 197);  
box-shadow:4px 4px 4px 4px rgb(198, 151,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4334, 38.1702, 57.8490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 151, 197) }
```

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

```
.background{ background-color: rgb(198,  
151, 197) }
```

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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