

Converting Colors

XYZ(41.3896, 38.8230, 46.1577)

Have a look what the booklet for
XYZ(41.3896, 38.8230, 46.1577)
contains.

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Color

**XYZ(41.4698, 38.8780,
46.3928)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9FB0
RGB	190, 159, 176
RGB Percent	75%, 62%, 69%
CMY	0.2549, 0.3765, 0.3098
CMYK	0.00, 0.16, 0.07, 0.25
HSL	327°, 19%, 68%
HSV	327°, 16%, 75%
XYZ	41.4698, 38.8780, 46.3928
YIQ	170.2070, 13.0190, 11.8590

Conversions

Conversions Part 2

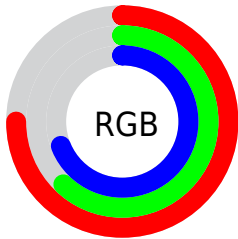
Format	Color
RYB	190, 159, 176
Decimal	12492720
CIELab	68.66, 14.30, -4.53
CIELCh	69, 15.002, 342.439
Yxy	38.8780, 0.3272, 0.3068
Android (android.graphics.Color)	4290682800 (0xFFBE9FB0)
YUV	170.2070, 2.8559, 17.3585
Hunter-Lab	62.3522, 9.6021, -0.4678

Details

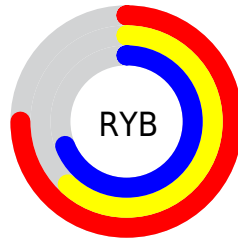
The XYZ color **41.4698, 38.8780, 46.3928** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2559, 47.2160, 46.5293**, and the grayscale version is **38.2943, 40.2886, 43.8742**.

A 20% lighter version of the original color is **76.6181, 73.5122, 86.4950**, and **19.0491, 17.2049, 21.3857** is the 20% darker color. If you saturate the color by 10%, you get **37.6281, 32.5103, 41.0548**, and if you desaturate by 10%, it is **45.8697, 46.2751, 52.1827**.

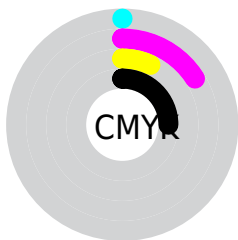
Distribution



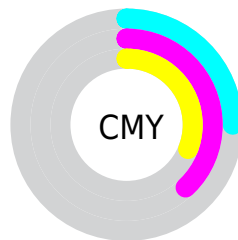
- Red (75%)
- Green (62%)
- Blue (69%)



- Red (75%)
- Yellow (62%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (7%)
- Black (25%)





- Cyan (25%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4698, 38.8780, 46.3928 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 41.4698, 38.8780, 46.3928 by changing the saturation by 10% instead.


 41.4698, 38.8780,
46.3928

 41.4698, 38.8780,
46.3928


343.3095,
341.3715, 388.7090

 28.8756, 26.6648,
32.2050


 76.6668, 73.4519,
86.1470

 19.1306, 17.3217,
21.2520

 100.0003, 96.5814,
112.5505

 11.8692, 10.4641,
13.1153


127.6443,
124.1185, 143.8630

 6.7263, 5.7077,
7.3763

159.9642,
156.4476, 180.5030

 3.3363, 2.6682,
3.6166

197.3253,
193.9531, 222.8890

 1.3340, 0.9611,
1.4174

240.0930,

 0.2085, 0.0000,

237.0193, 271.4397

0.1553

288.6326,
286.0306, 326.5735

■ 0.0000, 0.0000,
0.0000

■ 41.4698, 38.8780,
46.3928

■ 41.4698, 38.8780,
46.3928

■ 37.6281, 32.5103,
41.0548

■ 45.8697, 46.2751,
52.1827

■ 34.3173, 27.1206,
36.1533

■ 50.8467, 54.7395,
58.4341

■ 31.5129, 22.6611,
31.6756

■ 56.4231, 64.3137,
65.1594

■ 29.1871, 19.0776,
27.6073

■ 62.6189, 75.0362,
72.3699

■ 27.3091, 16.3105,
23.9329

■ 69.4530, 86.9437,
80.0763

■ 25.8445, 14.2926,
20.6354

■ 70.9284, 88.0404,
86.2837

■ 24.7532, 12.9456,
17.6957

■ 72.1462, 88.5276,
92.6969

■ 23.9837, 12.1682,
15.0908

■ 73.4240, 89.0387,
99.4257

■ 23.7435, 11.9505,
14.2013

■ 74.7626, 89.5741,
106.4743

Harmonies

Analogous

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



40.1138, 38.8780, 52.7126



41.4698, 38.8780, 46.3928



41.5837, 38.8780, 39.5819

Triad

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



41.4698, 38.8780, 46.3928



35.9794, 38.8780, 30.8225



33.6901, 38.8780, 51.7639

Complementary

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



41.4698, 38.8780, 46.3928



40.2559, 47.2160, 46.5293

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.



32.6783, 38.8780, 45.2057



41.4698, 38.8780, 46.3928



33.9616, 38.8780, 33.4116

Square

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



41.4698, 38.8780, 46.3928



38.3445, 38.8780, 31.0675



32.7755, 38.8780, 38.5145



35.5944, 38.8780, 56.0341

Rectangle

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



41.4698, 38.8780, 46.3928



40.9335, 38.8780, 35.7094



32.7755, 38.8780, 38.5145



33.2381, 38.8780, 49.7256

Sweetspot

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



41.4709, 38.8797, 46.3936



84.1762, 85.6411, 95.9126



38.9164, 37.3944, 53.8825



18.3502, 18.5790, 20.8899



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.



41.4709, 38.8797, 46.3936



72.2395, 65.6078, 80.0948



40.0281, 38.3026, 38.7959



9.7431, 9.6215, 11.0363



15.8280, 7.9624, 9.6538



0.6526, 0.3249, 0.5496

Inverse Universe

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



41.4709, 38.8797, 46.3936



72.2395, 65.6078, 80.0948



41.8384, 47.8490, 54.8630



9.7431, 9.6215, 11.0363



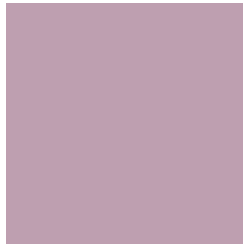
15.8280, 7.9624, 9.6538



0.6526, 0.3249, 0.5496

Previews

White Background



This preview shows how the XYZ color 41.4698, 38.8780, 46.3928 looks on a white background.

Color Contrast Check

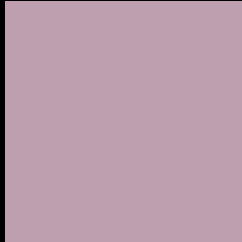
Large Text (above 18pt) WCAG AA × Fail

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 41.4698, 38.8780, 46.3928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

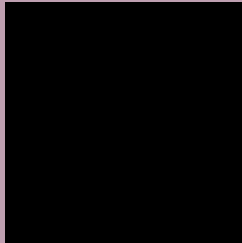
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4698, 38.8780, 46.3928

Background



This preview shows how black text looks on a background with the XYZ color 41.4698, 38.8780, 46.3928.



This preview shows how white text looks on a background with the XYZ color 41.4698, 38.8780,

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

41.4698, 38.8780, 46.3928

Protanopia

38.0956, 39.1891, 49.2725

Deuteranopia

39.6574, 38.9928, 45.9936



Tritanopia

41.0035, 38.9390, 44.3846

Trichromacy



Original Color

41.4698, 38.8780, 46.3928

Protanomaly

39.0913, 38.9196, 48.0997

Deuteranomaly

40.4254, 39.1262, 45.9789

Tritanomaly

41.0999, 38.9776, 44.8924

Monochromacy



Original Color

41.4698, 38.8780, 46.3928

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.2141, 39.5981, 44.6061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4698, 38.8780, 46.3928 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, 159, 176)` looks like.

```
.text, #text, p{  
    color:rgb(190, 159, 176)  
}
```

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, 159, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 159, 176) }
```

Border

The CSS property to change the border of an element to XYZ 41.4698, 38.8780, 46.3928 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, 159, 176) }
```


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

```
.border{ border-color:rgb(190, 159, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 159, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 159, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 159, 176);  
box-shadow:4px 4px 4px 4px rgb(190, 159,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4698, 38.8780, 46.3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 159, 176) }
```

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

```
.background{ background-color: rgb(190,  
159, 176) }
```

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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