

Converting Colors

XYZ(42.4617, 38.1610, 46.1087)

Have a look what the booklet for
XYZ(42.4617, 38.1610, 46.1087)
contains.

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Color

**XYZ(42.4180, 38.1161,
46.1958)**

Conversions

Conversions Part 1

Format	Color
Hex	C59AB0
RGB	197, 154, 176
RGB Percent	77%, 60%, 69%
CMY	0.2274, 0.3961, 0.3098
CMYK	0.00, 0.22, 0.11, 0.23
HSL	329°, 27%, 69%
HSV	329°, 22%, 77%
XYZ	42.4180, 38.1161, 46.1958
YIQ	169.3650, 18.5660, 15.9580

Conversions

Conversions Part 2

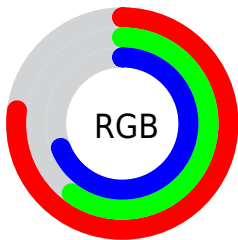
Format	Color
RYB	197, 154, 176
Decimal	12950192
CIELab	68.11, 19.57, -5.27
CIELCh	68, 20.269, 344.921
Yxy	38.1161, 0.3347, 0.3008
Android (android.graphics.Color)	4291140272 (0xFFC59AB0)
YUV	169.3650, 3.2711, 24.2359
Hunter-Lab	61.7382, 14.5987, -1.1471

Details

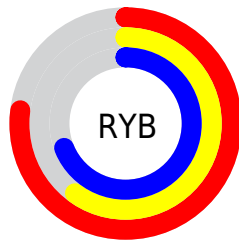
The XYZ color **42.4180, 38.1161, 46.1958** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0320, 49.8986, 48.0285**, and the grayscale version is **37.8716, 39.8438, 43.3899**.

A 20% lighter version of the original color is **78.2390, 72.4980, 86.2138**, and **19.8160, 16.9954, 21.3048** is the 20% darker color. If you saturate the color by 10%, you get **38.5112, 31.7721, 40.3620**, and if you desaturate by 10%, it is **46.9281, 45.5577, 52.5645**.

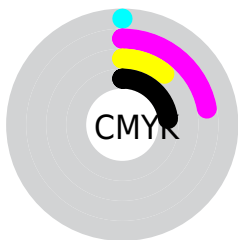
Distribution



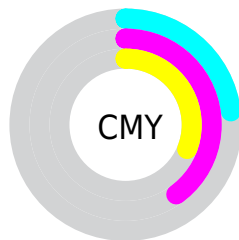
- Red (77%)
- Green (60%)
- Blue (69%)



- Red (77%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (22%)
- Yellow (11%)
- Black (23%)



- Cyan (23%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4180, 38.1161, 46.1958 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 42.4180, 38.1161, 46.1958 by changing the saturation by 10% instead.


 42.4180, 38.1161,
46.1958


 42.4180, 38.1161,
46.1958


347.1750,
338.1177, 387.8957

 29.6213, 26.0728,
32.0506

 78.0931, 72.2861,
85.8493

 19.6979, 16.8781,
21.1350


 101.7021, 95.1815,
112.1947

 12.2827, 10.1476,
13.0305


129.6460,
122.4631, 143.4439

 7.0100, 5.4970,
7.3186

162.2900,
154.5153, 180.0154

 3.5148, 2.5417,
3.5807

199.9996,
191.7225, 222.3278

 1.4315, 0.8974,
1.3982

243.1400,

 0.2785, 0.0000,

234.4690, 270.7996

0.1403

292.0767,
283.1393, 325.8494

■ 0.0000, 0.0000,
0.0000

■ 42.4180, 38.1161,
46.1958

■ 42.4180, 38.1161,
46.1958

■ 38.5112, 31.7721,
40.3620

■ 46.9281, 45.5577,
52.5645

■ 35.1770, 26.4679,
35.0447

■ 52.0637, 54.1408,
59.4810

■ 32.3869, 22.1485,
30.2279

■ 57.8501, 63.9130,
66.9604

■ 30.1085, 18.7513,
25.8933

■ 64.3099, 74.9179,
75.0166

■ 28.3056, 16.2066,
22.0214

■ 71.4648, 87.1966,
83.6630

■ 26.9373, 14.4348,
18.5905

■ 73.5988, 89.3155,
91.0001

■ 25.9544, 13.3407,
15.5763

■ 75.0172, 89.8828,
98.4690

■ 25.3645, 12.8058,
13.3914

■ 76.5117, 90.4806,
106.3392

■ 76.8361, 90.6104,
108.0476

Harmonies

Analogous

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



40.6907, 38.1161, 55.0843



42.4180, 38.1161, 46.1958



42.4228, 38.1161, 37.1802

Triad

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



42.4180, 38.1161, 46.1958



34.6860, 38.1161, 26.8549



32.0936, 38.1161, 55.0435

Complementary

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



42.4180, 38.1161, 46.1958



41.0320, 49.8986, 48.0285

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.



30.6681, 38.1161, 46.1463



42.4180, 38.1161, 46.1958



32.1045, 38.1161, 30.3588

Square

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



42.4180, 38.1161, 46.1958



37.8321, 38.1161, 26.8642



30.6719, 38.1161, 37.1373



34.6703, 38.1161, 60.6755

Rectangle

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



42.4180, 38.1161, 46.1958



41.4425, 38.1161, 32.3155



30.6719, 38.1161, 37.1373



31.4707, 38.1161, 52.2826

Sweetspot

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



42.4191, 38.1178, 46.1966



88.2455, 88.5864, 99.8637



39.2657, 36.2332, 57.7479



18.7684, 18.7611, 21.2132



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.



42.4191, 38.1178, 46.1966



72.6410, 62.8334, 77.8421



40.4755, 37.3404, 35.9619



10.8565, 10.7260, 12.2278



16.7256, 8.4398, 9.0310



0.8285, 0.4142, 0.6199

Inverse Universe

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



42.4191, 38.1178, 46.1966



72.6410, 62.8334, 77.8421



43.2899, 50.8018, 59.9184



10.8565, 10.7260, 12.2278



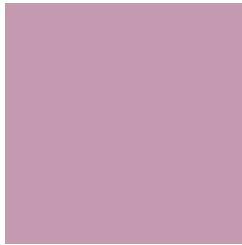
16.7256, 8.4398, 9.0310



0.8285, 0.4142, 0.6199

Previews

White Background



This preview shows how the XYZ color 42.4180, 38.1161, 46.1958 looks on a white background.

Color Contrast Check

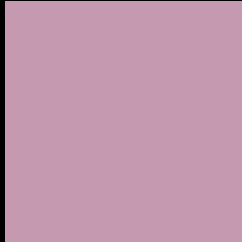
Large Text (above 18pt) WCAG AA × Fail

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 42.4180, 38.1161, 46.1958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

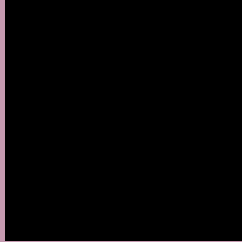
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4180, 38.1161, 46.1958

Background



This preview shows how black text looks on a background with the XYZ color 42.4180, 38.1161, 46.1958.



This preview shows how white text looks on a background with the XYZ color 42.4180, 38.1161,

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

42.4180, 38.1161, 46.1958

Protanopia

37.3122, 38.2217, 50.2107

Deuteranopia

39.0731, 38.1686, 45.8653



Tritanopia

41.4613, 37.9685, 41.7026

Trichromacy



Original Color

42.4180, 38.1161, 46.1958

Protanomaly

38.8876, 38.0151, 48.4681

Deuteranomaly

40.2144, 37.9880, 45.7703

Tritanomaly

41.7420, 38.0807, 43.1805

Monochromacy



Original Color

42.4180, 38.1161, 46.1958

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.3123, 39.1132, 44.5073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4180, 38.1161, 46.1958 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(197, 154, 176)` looks like.

```
.text, #text, p{  
    color:rgb(197, 154, 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(197, 154, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 154, 176) }
```

Border

The CSS property to change the border of an element to XYZ 42.4180, 38.1161, 46.1958 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(197, 154, 176) }
```


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

```
.border{ border-color:rgb(197, 154, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 154, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 154, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 154, 176);  
box-shadow:4px 4px 4px 4px rgb(197, 154,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4180, 38.1161, 46.1958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 154, 176) }
```

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

```
.background{ background-color: rgb(197,  
154, 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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