

Converting Colors

XYZ(41.8152, 38.1402, 42.2037)

Have a look what the booklet for
XYZ(41.8152, 38.1402, 42.2037)
contains.

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Color

**XYZ(41.8152, 38.1402,
42.2037)**

Conversions

Conversions Part 1

Format	Color
Hex	C59BA8
RGB	197, 155, 168
RGB Percent	77%, 61%, 66%
CMY	0.2274, 0.3921, 0.3412
CMYK	0.00, 0.21, 0.15, 0.23
HSL	341°, 27%, 69%
HSV	341°, 21%, 77%
XYZ	41.8152, 38.1402, 42.2037
YIQ	169.0400, 20.8590, 12.9470

Conversions

Conversions Part 2

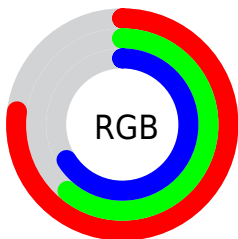
Format	Color
RYB	197, 155, 168
Decimal	12950440
CIELab	68.12, 17.68, -0.78
CIElCh	68, 17.693, 357.466
Yxy	38.1402, 0.3423, 0.3122
Android (android.graphics.Color)	4291140520 (0xFFC59BA8)
YUV	169.0400, -0.5127, 24.5209
Hunter-Lab	61.7578, 12.7835, 2.7131

Details

The XYZ color **41.8152, 38.1402, 42.2037** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.1371, 50.3627, 52.8500**, and the grayscale version is **37.7280, 39.6928, 43.2255**.

A 20% lighter version of the original color is **77.2389, 72.4917, 79.7334**, and **19.4304, 17.0012, 18.7805** is the 20% darker color. If you saturate the color by 10%, you get **37.5986, 31.6299, 34.8692**, and if you desaturate by 10%, it is **46.7014, 45.7767, 50.4164**.

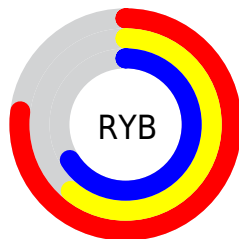
Distribution



Red (77%)

Green (61%)

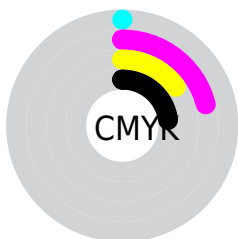
Blue (66%)



Red (77%)

Yellow (61%)

Blue (66%)

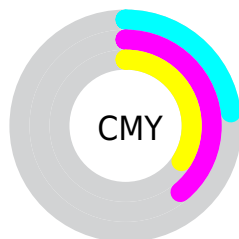


Cyan (0%)

Magenta (21%)

Yellow (15%)

Black (23%)



Cyan (23%)


Magenta (39%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8152, 38.1402, 42.2037 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 41.8152, 38.1402, 42.2037 by changing the saturation by 10% instead.


 41.8152, 38.1402,
42.2037


 41.8152, 38.1402,
42.2037


344.7210,
338.2210, 371.1512

 29.1471, 26.0915,
28.9341


 77.1868, 72.3230,
79.7812

 19.3370, 16.8921,
18.7858


 100.6210, 95.2259,
104.9262

 12.0195, 10.1576,
11.3404


128.3746,
122.5156, 134.8667

 6.8292, 5.5036,
6.1792

160.8129,
154.5766, 170.0213

 3.4009, 2.5457,
2.8838

198.3014,
191.7932, 210.8085

 1.3691, 0.8994,
1.0356

241.2053,

 0.2341, 0.0000,

234.5499, 257.6469

0.0000

289.8900,
283.2311, 310.9549

■ 0.0000, 0.0000,
0.0000

■ 41.8152, 38.1402,
42.2037

■ 41.8152, 38.1402,
42.2037

■ 37.5986, 31.6299,
34.8692

■ 46.7014, 45.7767,
50.4164

■ 34.0185, 26.1872,
28.3806

■ 52.2821, 54.5841,
59.5335

■ 31.0435, 21.7560,
22.7069

■ 58.5846, 64.6109,
69.5830

■ 28.6385, 18.2730,
17.8142

■ 65.6341, 75.9014,
80.5907

■ 26.7643, 15.6677,
13.6658

■ 73.4542, 88.4976,
92.5817

■ 25.3767, 13.8594,
10.2221

■ 75.9823, 90.2689,
103.5515

■ 24.4234, 12.7526,
7.4387

■ 76.8361, 90.6104,
108.0476

■ 23.8675, 12.2069,
5.5081

Harmonies

Analogous

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



40.9116, 38.1402, 50.2495



41.8152, 38.1402, 42.2037



41.1664, 38.1402, 34.9056

Triad

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



41.8152, 38.1402, 42.2037



33.8582, 38.1402, 29.4503



33.4715, 38.1402, 55.7040

Complementary

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



41.8152, 38.1402, 42.2037



42.1371, 50.3627, 52.8500

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.



31.7435, 38.1402, 48.9396



41.8152, 38.1402, 42.2037



31.9587, 38.1402, 33.8793

Square

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



41.8152, 38.1402, 42.2037



36.4862, 38.1402, 28.1204



31.2039, 38.1402, 40.8599



36.0170, 38.1402, 58.6367

Rectangle

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



41.8152, 38.1402, 42.2037



39.9582, 38.1402, 31.3058



31.2039, 38.1402, 40.8599



32.7807, 38.1402, 53.7640

Sweetspot

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



41.8163, 38.1419, 42.2045



88.7071, 89.9618, 98.6235



41.4961, 37.6292, 57.8998



18.8453, 19.0320, 20.8780



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.



41.8163, 38.1419, 42.2045



70.9087, 62.1405, 68.7199



41.9877, 40.3266, 36.5833



10.7668, 10.6901, 11.7552



15.7319, 8.0423, 3.7982



0.7778, 0.3940, 0.3531

Inverse Universe

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



41.8163, 38.1419, 42.2045



70.9087, 62.1405, 68.7199



41.8591, 47.5253, 59.7908



10.7668, 10.6901, 11.7552



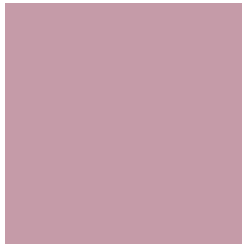
15.7319, 8.0423, 3.7982



0.7778, 0.3940, 0.3531

Previews

White Background



This preview shows how the XYZ color 41.8152, 38.1402, 42.2037 looks on a white background.

Color Contrast Check

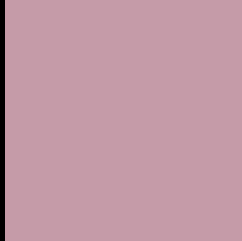
Large Text (above 18pt) WCAG AA × Fail

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 41.8152, 38.1402, 42.2037 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 41.8152, 38.1402, 42.2037

Background



This preview shows how black text looks on a background with the XYZ color 41.8152, 38.1402, 42.2037.



This preview shows how white text looks on a background with the XYZ color 41.8152, 38.1402,

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

41.8152, 38.1402, 42.2037

Protanopia

37.0315, 38.1817, 45.4624

Deuteranopia

39.0113, 38.2248, 41.8812



Tritanopia

41.7224, 38.1030, 41.7148

Trichromacy



Original Color

41.8152, 38.1402, 42.2037

Protanomaly

38.5514, 37.9333, 44.3197

Deuteranomaly

39.8667, 38.1511, 41.8219

Tritanomaly

41.7224, 38.1030, 41.7148

Monochromacy



Original Color

41.8152, 38.1402, 42.2037

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.0273, 38.9992, 43.0068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8152, 38.1402, 42.2037 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, 155, 168)` looks like.

```
.text, #text, p{  
    color:rgb(197, 155, 168)  
}
```

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, 155, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 155, 168) }
```

Border

The CSS property to change the border of an element to XYZ 41.8152, 38.1402, 42.2037 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, 155, 168) }
```


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

```
.border{ border-color:rgb(197, 155, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 155, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 155, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 155, 168);  
box-shadow:4px 4px 4px 4px rgb(197, 155,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8152, 38.1402, 42.2037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 155, 168) }
```

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

```
.background{ background-color: rgb(197,  
155, 168) }
```

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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