

Converting Colors

XYZ(41.0231, 38.3672, 37.1831)

Have a look what the booklet for XYZ(41.0231, 38.3672, 37.1831) contains.

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Color

**XYZ(40.9077, 38.2840,
37.1318)**

Conversions

Conversions Part 1

Format	Color
Hex	C49D9D
RGB	196, 157, 157
RGB Percent	77%, 62%, 62%
CMY	0.2314, 0.3843, 0.3843
CMYK	0.00, 0.20, 0.20, 0.23
HSL	0°, 25%, 69%
HSV	0°, 20%, 77%
XYZ	40.9077, 38.2840, 37.1318
YIQ	168.6610, 23.2440, 8.2680

Conversions

Conversions Part 2

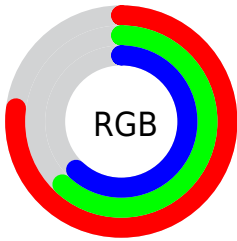
Format	Color
RYB	196, 157, 157
Decimal	12885405
CIELab	68.23, 14.45, 5.49
CIELCh	68, 15.458, 20.812
Yxy	38.2840, 0.3517, 0.3291
Android (android.graphics.Color)	4291075485 (0xFFC49D9D)
YUV	168.6610, -5.7489, 23.9763
Hunter-Lab	61.8741, 9.7347, 7.7308

Details

The XYZ color **40.9077, 38.2840, 37.1318** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.6079, 50.6322, 59.6994**, and the grayscale version is **37.5649, 39.5212, 43.0386**.

A 20% lighter version of the original color is **75.9352, 72.7231, 72.3221**, and **18.9109, 17.0995, 15.9395** is the 20% darker color. If you saturate the color by 10%, you get **36.3128, 31.5606, 27.9960**, and if you desaturate by 10%, it is **46.3050, 46.1819, 47.8604**.

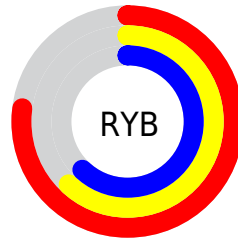
Distribution



Red (77%)

Green (62%)

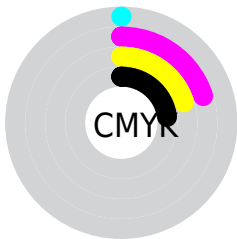
Blue (62%)



Red (77%)

Yellow (62%)

Blue (62%)

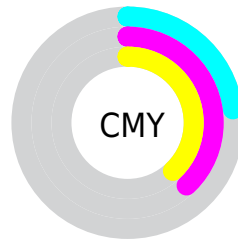


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (23%)



Cyan (23%)


Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9077, 38.2840, 37.1318 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 40.9077, 38.2840, 37.1318 by changing the saturation by 10% instead.


 40.9077, 38.2840,
37.1318


 40.9077, 38.2840,
37.1318


341.0039,
338.8367, 349.0667

 28.4343, 26.2032,
25.0130


 75.8194, 72.5432,
71.9640

 18.7954, 16.9757,
15.8676


 98.9883, 95.4904,
95.5145

 11.6257, 10.2172,
9.2772

126.4532,
122.8285, 123.7126

 6.5597, 5.5432,
4.8231

158.5794,
154.9420, 156.9769

 3.2322, 2.5694,
2.0870

195.7322,
192.2151, 195.7259

 1.2777, 0.9113,
0.6080

238.2770,

 0.1664, 0.0000,

235.0323, 240.3782

0.0000

286.5791,
283.7781, 291.3523

0.0000, 0.0000,
0.0000

40.9077, 38.2840,
37.1318

40.9077, 38.2840,
37.1318

36.3128, 31.5606,
27.9960

46.3050, 46.1819,
47.8604

32.4791, 25.9509,
20.3748

52.5372, 55.3012,
60.2500

29.3665, 21.3962,
14.1872

59.6386, 65.6925,
74.3678

26.9299, 17.8307,
9.3435

67.6409, 77.4019,
90.2767

25.1192, 15.1809,
5.7441

76.5738, 90.4733,
108.0350

■ 23.8772, 13.3634,
3.2754

■ 76.5751, 90.4758,
108.0354

■ 23.1365, 12.2795,
1.8033

■ 22.7685, 11.7410,
1.0720

■ 22.7653, 11.7362,
1.0655

Harmonies

Analogous

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



41.1717, 38.2840, 43.8466



40.9077, 38.2840, 37.1318



39.4044, 38.2840, 32.1952

Triad

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



40.9077, 38.2840, 37.1318



32.9028, 38.2840, 33.8267



35.6507, 38.2840, 56.2546

Complementary

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



40.9077, 38.2840, 37.1318



43.6079, 50.6322, 59.6994

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.



33.5292, 38.2840, 52.8768



40.9077, 38.2840, 37.1318



31.9896, 38.2840, 39.5952

Square

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



40.9077, 38.2840, 37.1318



34.7612, 38.2840, 30.4389



32.2137, 38.2840, 46.5955



38.0643, 38.2840, 55.4068

Rectangle

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



40.9077, 38.2840, 37.1318



37.9369, 38.2840, 30.3344



32.2137, 38.2840, 46.5955



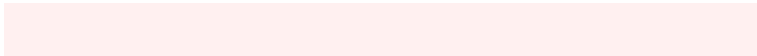
34.8814, 38.2840, 55.5629

Sweetspot

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



40.9088, 38.2857, 37.1326



87.9959, 89.6780, 94.8763



44.7861, 39.8357, 57.5534



18.6778, 18.9651, 19.9955



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.



40.9088, 38.2857, 37.1326



70.2037, 63.6432, 59.5055



44.4747, 45.4176, 38.3212



10.0733, 10.0780, 10.4762



14.6277, 7.5411, 0.6846



0.6320, 0.3259, 0.0296

Inverse Universe

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



43.6079, 50.6322, 59.6994



76.0050, 90.1793, 108.0082



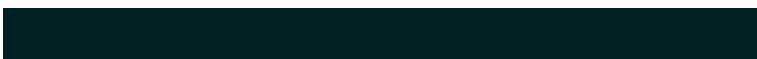
39.4924, 42.4012, 58.3276



10.3685, 11.4283, 12.9442



19.0834, 27.9233, 37.9406



0.8246, 1.2065, 1.6393

Previews

White Background



This preview shows how the XYZ color 40.9077, 38.2840, 37.1318 looks on a white background.

Color Contrast Check

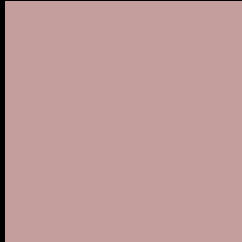
Large Text (above 18pt) WCAG AA × Fail

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 40.9077, 38.2840, 37.1318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

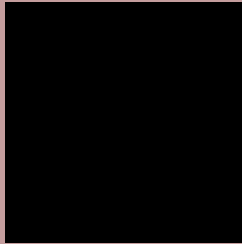
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9077, 38.2840, 37.1318

Background



This preview shows how black text looks on a background with the XYZ color 40.9077, 38.2840, 37.1318.



This preview shows how white text looks on a background with the XYZ color 40.9077, 38.2840,

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

40.9077, 38.2840, 37.1318

Protanopia

36.9524, 38.5390, 39.6736

Deuteranopia

38.9953, 38.3291, 36.7955



Tritanopia

41.7224, 38.1030, 41.7148

Trichromacy



Original Color

40.9077, 38.2840, 37.1318

Protanomaly

38.2647, 38.4357, 38.6598

Deuteranomaly

39.8068, 38.4891, 36.7836

Tritanomaly

41.5253, 38.2916, 39.8527

Monochromacy



Original Color

40.9077, 38.2840, 37.1318

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.8371, 39.2106, 41.1188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9077, 38.2840, 37.1318 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(196, 157, 157)` looks like.

```
.text, #text, p{  
    color:rgb(196, 157, 157)  
}
```

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(196, 157, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 157, 157) }
```

Border

The CSS property to change the border of an element to XYZ 40.9077, 38.2840, 37.1318 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(196, 157, 157) }
```


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

```
.border{ border-color:rgb(196, 157, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 157, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 157, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 157, 157);  
box-shadow:4px 4px 4px 4px rgb(196, 157,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9077, 38.2840, 37.1318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 157, 157) }
```

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

```
.background{ background-color: rgb(196,  
157, 157) }
```

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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