

Converting Colors

XYZ(42.3812, 40.5679, 38.3975)

Have a look what the booklet for
XYZ(42.3812, 40.5679, 38.3975)
contains.

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Color

**XYZ(42.3812, 40.5679,
38.3975)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A39F
RGB	197, 163, 159
RGB Percent	77%, 64%, 62%
CMY	0.2274, 0.3608, 0.3765
CMYK	0.00, 0.17, 0.19, 0.23
HSL	6°, 25%, 70%
HSV	6°, 19%, 77%
XYZ	42.3812, 40.5679, 38.3975
YIQ	172.7100, 21.5480, 5.9640

Conversions

Conversions Part 2

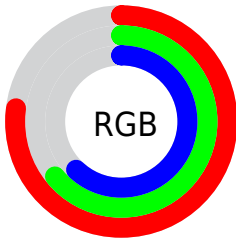
Format	Color
RYB	197, 163, 159
Decimal	12952479
CIELab	69.87, 11.85, 6.75
CIELCh	70, 13.638, 29.687
Yxy	40.5679, 0.3493, 0.3343
Android (android.graphics.Color)	4291142559 (0xFFC5A39F)
YUV	172.7100, -6.7590, 21.3023
Hunter-Lab	63.6929, 7.3110, 8.8419

Details

The XYZ color **42.3812, 40.5679, 38.3975** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4458, 49.5410, 60.0963**, and the grayscale version is **39.5994, 41.6616, 45.3695**.

A 20% lighter version of the original color is **78.0821, 76.0687, 74.1857**, and **19.7189, 18.2912, 16.6786** is the 20% darker color. If you saturate the color by 10%, you get **37.8920, 34.1105, 29.1284**, and if you desaturate by 10%, it is **47.5812, 48.0102, 49.2486**.

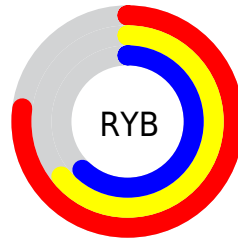
Distribution



Red (77%)

Green (64%)

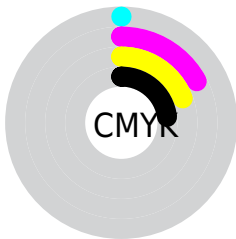
Blue (62%)



Red (77%)

Yellow (64%)

Blue (62%)

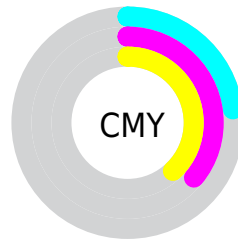


Cyan (0%)

Magenta (17%)

Yellow (19%)

Black (23%)



Cyan (23%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3812, 40.5679, 38.3975 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 42.3812, 40.5679, 38.3975 by changing the saturation by 10% instead.


 42.3812, 40.5679,
38.3975


 42.3812, 40.5679,
38.3975


347.0255,
348.5114, 354.6713

 29.5923, 27.9816,
25.9871


 78.0378, 76.0275,
73.9272

 19.6759, 18.3118,
16.5883


 101.6362, 99.6696,
97.8835

 12.2665, 11.1741,
9.7826


129.5685,
127.7658, 126.5256

 6.9990, 6.1840,
5.1513

162.2000,
160.7004, 160.2720

 3.5078, 2.9573,
2.2760

199.8961,
198.8579, 199.5413

 1.4276, 1.1095,
0.7177

243.0222,

 0.2758, 0.0000,

242.6226, 244.7518

0.0000

291.9435,
292.3790, 296.3223

■ 0.0000, 0.0000,
0.0000

■ 42.3812, 40.5679,
38.3975

■ 42.3812, 40.5679,
38.3975

■ 37.8920, 34.1105,
29.1284

■ 47.5812, 48.0102,
49.2486

■ 34.0795, 28.5915,
21.3651

■ 53.5177, 56.4704,
61.7483

■ 30.9117, 23.9688,
15.0287

■ 60.2190, 65.9870,
75.9621

■ 28.3528, 20.1950,
10.0320

■ 67.7110, 76.5947,
91.9515

■ 26.3632, 17.2182,
6.2786

■ 75.6131, 88.1643,
107.6399

■ 24.8988, 14.9809,
3.6589

■ 76.8362, 90.6104,
108.0476

■ 23.9090, 13.4179,
2.0441

■ 23.3209, 12.4477,
1.2137

■ 23.2899, 12.3978,
1.1655

Harmonies

Analogous

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



42.9798, 40.5679, 44.2382



42.3812, 40.5679, 38.3975



40.7501, 40.5679, 34.4493

Triad

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



42.3812, 40.5679, 38.3975



34.9948, 40.5679, 38.2925



38.5353, 40.5679, 57.5372

Complementary

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



42.3812, 40.5679, 38.3975



43.4458, 49.5410, 60.0963

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.



36.4471, 40.5679, 55.5698



42.3812, 40.5679, 38.3975



34.4515, 40.5679, 44.1050

Square

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



42.3812, 40.5679, 38.3975



36.4859, 40.5679, 34.3929



34.9730, 40.5679, 50.4972



40.7083, 40.5679, 55.6475

Rectangle

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



42.3812, 40.5679, 38.3975



39.3267, 40.5679, 33.2174



34.9730, 40.5679, 50.4972



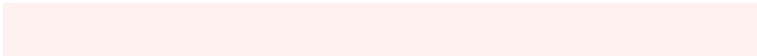
37.8006, 40.5679, 57.3026

Sweetspot

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



42.3823, 40.5697, 38.3983



88.4714, 90.6289, 95.0348



45.0726, 40.5263, 56.0164



18.7897, 19.1889, 20.0327



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.



42.3823, 40.5697, 38.3983



72.4887, 67.7514, 61.6904



45.9715, 47.7481, 39.5947



10.7223, 10.8138, 11.0849



15.3487, 8.2146, 0.7766



0.7580, 0.4513, 0.0472

Inverse Universe

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



43.4458, 49.5410, 60.0963



74.7264, 86.6433, 107.3931



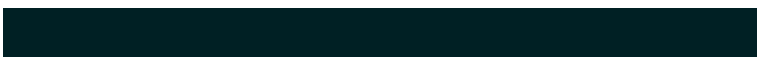
39.5513, 41.7521, 58.7982



10.8476, 11.8692, 13.6368



16.9085, 23.2109, 38.3333



0.8287, 1.1553, 1.8245

Previews

White Background



This preview shows how the XYZ color 42.3812, 40.5679, 38.3975 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 42.3812, 40.5679, 38.3975 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 42.3812, 40.5679, 38.3975

Background



This preview shows how black text looks on a background with the XYZ color 42.3812, 40.5679, 38.3975.



This preview shows how white text looks on a background with the XYZ color 42.3812, 40.5679,

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

42.3812, 40.5679, 38.3975

Protanopia

38.8901, 40.6239, 40.4418

Deuteranopia

41.4514, 40.6199, 38.4566



Tritanopia

43.8409, 40.6490, 45.0705

Trichromacy



Original Color

42.3812, 40.5679, 38.3975

Protanomaly

40.1075, 40.4364, 39.8735

Deuteranomaly

41.7816, 40.5235, 38.4206

Tritanomaly

43.2769, 40.6736, 42.6156

Monochromacy



Original Color

42.3812, 40.5679, 38.3975

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.5473, 41.1482, 42.8511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3812, 40.5679, 38.3975 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, 163, 159)` looks like.

```
.text, #text, p{  
    color:rgb(197, 163, 159)  
}
```

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, 163, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 163, 159) }
```

Border

The CSS property to change the border of an element to XYZ 42.3812, 40.5679, 38.3975 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, 163, 159) }
```


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

```
.border{ border-color:rgb(197, 163, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 163, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 163, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 163, 159);  
box-shadow:4px 4px 4px 4px rgb(197, 163,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3812, 40.5679, 38.3975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 163, 159) }
```

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

```
.background{ background-color: rgb(197,  
163, 159) }
```

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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