

Converting Colors

XYZ(42.3072, 39.1379, 42.1201)

Have a look what the booklet for
XYZ(42.3072, 39.1379, 42.1201)
contains.

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Color

**XYZ(42.2279, 39.1141,
41.8833)**

Conversions

Conversions Part 1

Format	Color
Hex	C59EA7
RGB	197, 158, 167
RGB Percent	77%, 62%, 65%
CMY	0.2274, 0.3804, 0.3451
CMYK	0.00, 0.20, 0.15, 0.23
HSL	346°, 25%, 70%
HSV	346°, 20%, 77%
XYZ	42.2279, 39.1141, 41.8833
YIQ	170.6870, 20.3550, 11.0670

Conversions

Conversions Part 2

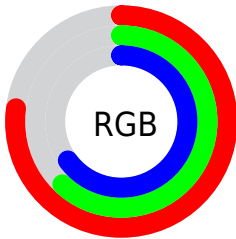
Format	Color
RYB	197, 158, 167
Decimal	12951207
CIELab	68.83, 15.86, 0.81
CIELCh	69, 15.883, 2.930
Yxy	39.1141, 0.3427, 0.3174
Android (android.graphics.Color)	4291141287 (0xFFC59EA7)
YUV	170.6870, -1.8177, 23.0765
Hunter-Lab	62.5413, 11.0761, 4.0729

Details

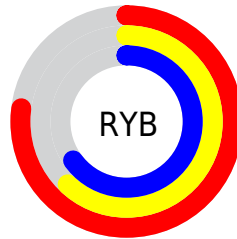
The XYZ color **42.2279, 39.1141, 41.8833** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.1455, 50.8335, 55.1174**, and the grayscale version is **38.5543, 40.5622, 44.1722**.

A 20% lighter version of the original color is **77.8521, 73.9333, 79.2745**, and **19.5762, 17.3855, 18.5436** is the 20% darker color. If you saturate the color by 10%, you get **37.8133, 32.3969, 33.8998**, and if you desaturate by 10%, it is **47.3476, 46.9778, 50.9129**.

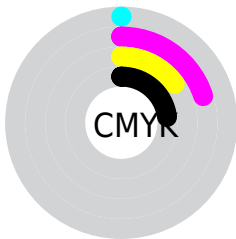
Distribution



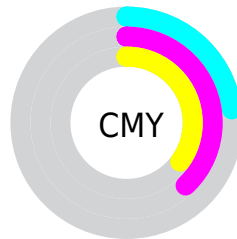
- Red (77%)
- Green (62%)
- Blue (65%)



- Red (77%)
- Yellow (62%)
- Blue (65%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (23%)





- Cyan (23%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.2279, 39.1141, 41.8833 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 42.2279, 39.1141, 41.8833 by changing the saturation by 10% instead.


 42.2279, 39.1141,
41.8833

 42.2279, 39.1141,
41.8833


346.4024,
342.3753, 369.7843

 29.4717, 26.8485,
28.6850


 77.8074, 73.8126,
79.2912

 19.5840, 17.4595,
18.5992

 101.3614, 97.0143,
104.3378

 12.1995, 10.5626,
11.2071


129.2454,
124.6301, 134.1711

 6.9529, 5.7736,
6.0904

161.8247,
157.0445, 169.2094

 3.4787, 2.7079,
2.8305

199.4647,
194.6418, 209.8713

 1.4117, 0.9812,
1.0087

242.5308,

 0.2645, 0.0000,

237.8065, 256.5754

0.0000

291.3882,
286.9228, 309.7402

■ 0.0000, 0.0000,
0.0000

■ 42.2279, 39.1141,
41.8833

■ 42.2279, 39.1141,
41.8833

■ 37.8133, 32.3969,
33.8998

■ 47.3476, 46.9778,
50.9129

■ 34.0692, 26.7674,
26.9216

■ 53.1983, 56.0326,
61.0224

■ 30.9631, 22.1697,
20.9089

■ 59.8088, 66.3274,
72.2470

■ 28.4582, 18.5405,
15.8181

■ 67.2052, 77.9065,
84.6197

■ 26.5142, 15.8097,
11.6024

■ 74.9303, 89.8481,
98.0114

■ 25.0853, 13.8976,
8.2104

■ 76.8362, 90.6104,
108.0476

■ 24.1181, 12.7104,
5.5848

■ 23.5189, 12.0745,
3.6509

■ 23.5085, 12.0633,
3.6174

Harmonies

Analogous

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



41.6596, 39.1141, 49.2197



42.2279, 39.1141, 41.8833



41.3930, 39.1141, 35.4827

Triad

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



42.2279, 39.1141, 41.8833



34.6049, 39.1141, 31.9725



35.0154, 39.1141, 56.1762

Complementary

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



42.2279, 39.1141, 41.8833



43.1455, 50.8335, 55.1174

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.



33.2570, 39.1141, 50.5850



42.2279, 39.1141, 41.8833



33.0276, 39.1141, 36.5816

Square

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



42.2279, 39.1141, 41.8833



36.9297, 39.1141, 30.1807



32.5454, 39.1141, 43.3018



37.4250, 39.1141, 58.0019

Rectangle

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



42.2279, 39.1141, 41.8833



40.1741, 39.1141, 32.4497



32.5454, 39.1141, 43.3018



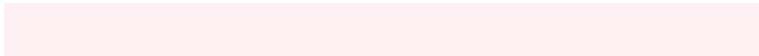
34.3323, 39.1141, 54.6459

Sweetspot

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



42.2290, 39.1159, 41.8841



88.5242, 89.8886, 97.6605



43.0207, 39.1655, 58.1161



18.8022, 19.0147, 20.6509



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.



42.2290, 39.1159, 41.8841



71.8624, 64.3047, 68.2464



43.2754, 42.4938, 38.2712



10.7324, 10.6764, 11.5743



15.4895, 7.9453, 2.5214



0.7622, 0.3877, 0.2712

Inverse Universe

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



42.2290, 39.1159, 41.8841



71.8624, 64.3047, 68.2464



41.8656, 46.6728, 59.6260



10.7324, 10.6764, 11.5743



15.4895, 7.9453, 2.5214



0.7622, 0.3877, 0.2712

Previews

White Background



This preview shows how the XYZ color 42.2279, 39.1141, 41.8833 looks on a white background.

Color Contrast Check

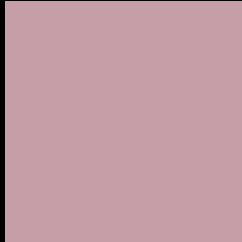
Large Text (above 18pt) WCAG AA × Fail

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 42.2279, 39.1141, 41.8833 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 42.2279, 39.1141, 41.8833

Background



This preview shows how black text looks on a background with the XYZ color 42.2279, 39.1141, 41.8833.



This preview shows how white text looks on a background with the XYZ color 42.2279, 39.1141,

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

42.2279, 39.1141, 41.8833

Protanopia

37.8427, 39.1620, 44.5942

Deuteranopia

39.9877, 39.2618, 41.5471



Tritanopia

42.5085, 39.2263, 43.3612

Trichromacy



Original Color

42.2279, 39.1141, 41.8833

Protanomaly

39.3535, 39.1565, 43.5140

Deuteranomaly

40.6141, 39.0617, 41.4755

Tritanomaly

42.4142, 39.1886, 42.8648

Monochromacy



Original Color

42.2279, 39.1141, 41.8833

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.7143, 39.8780, 43.6343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2279, 39.1141, 41.8833 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, 158, 167)` looks like.

```
.text, #text, p{  
    color:rgb(197, 158, 167)  
}
```

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, 158, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 158, 167) }
```

Border

The CSS property to change the border of an element to XYZ 42.2279, 39.1141, 41.8833 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, 158, 167) }
```


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

```
.border{ border-color:rgb(197, 158, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 158, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 158, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 158, 167); box-shadow:4px 4px 4px 4px rgb(197, 158, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2279, 39.1141, 41.8833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 158, 167) }
```

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

```
.background{ background-color: rgb(197,  
158, 167) }
```

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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