

Converting Colors

XYZ(41.9420, 39.6977, 38.9834)

Have a look what the booklet for
XYZ(41.9420, 39.6977, 38.9834)
contains.

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Color

**XYZ(41.9428, 39.7987,
39.1895)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A1A1
RGB	196, 161, 161
RGB Percent	77%, 63%, 63%
CMY	0.2314, 0.3686, 0.3686
CMYK	0.00, 0.18, 0.18, 0.23
HSL	0°, 23%, 70%
HSV	0°, 18%, 77%
XYZ	41.9428, 39.7987, 39.1895
YIQ	171.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

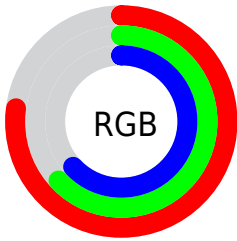
Format	Color
RYB	196, 161, 161
Decimal	12886433
CIELab	69.33, 12.88, 4.85
CIElCh	69, 13.763, 20.625
Yxy	39.7987, 0.3468, 0.3291
Android (android.graphics.Color)	4291076513 (0xFFC4A1A1)
YUV	171.4650, -5.1592, 21.5172
Hunter-Lab	63.0862, 8.2747, 7.3291

Details

The XYZ color **41.9428, 39.7987, 39.1895** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4012, 51.0411, 59.7365**, and the grayscale version is **38.9613, 40.9903, 44.6384**.

A 20% lighter version of the original color is **77.4585, 74.9522, 75.3505**, and **19.4384, 17.8139, 17.1658** is the 20% darker color. If you saturate the color by 10%, you get **37.1877, 32.8408, 29.7350**, and if you desaturate by 10%, it is **47.5079, 47.9421, 50.2516**.

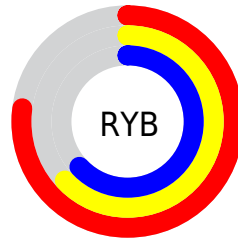
Distribution



Red (77%)

Green (63%)

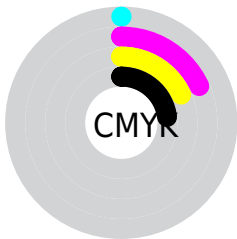
Blue (63%)



Red (77%)

Yellow (63%)

Blue (63%)

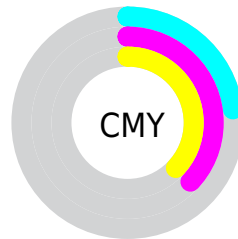


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (23%)



Cyan (23%)


Magenta (37%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.9428, 39.7987, 39.1895 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 41.9428, 39.7987, 39.1895 by changing the saturation by 10% instead.


 41.9428, 39.7987,
39.1895


 41.9428, 39.7987,
39.1895


345.2414,
345.2744, 358.1455

 29.2474, 27.3816,
26.5982


 77.3788, 74.8569,
75.1512

 19.4133, 17.8600,
17.0419


 100.8500, 98.2668,
99.3588

 12.0751, 10.8496,
10.1021


128.6440,
126.1098, 128.2755

 6.8674, 5.9658,
5.3602

161.1260,
158.7702, 162.3199

 3.4249, 2.8243,
2.3977

198.6614,
196.6325, 201.9106

 1.3822, 1.0407,
0.7852

241.6155,

 0.2435, 0.0000,

240.0810, 247.4660

0.0000

290.3537,
289.5002, 299.4048

■ 0.0000, 0.0000,
0.0000

■ 41.9428, 39.7987,
39.1895

■ 41.9428, 39.7987,
39.1895

■ 37.1877, 32.8408,
29.7350

■ 47.5079, 47.9421,
50.2516

■ 33.2017, 27.0082,
21.8110

■ 53.9147, 57.3170,
62.9886

■ 29.9454, 22.2434,
15.3378

■ 61.1974, 67.9734,
77.4670

■ 27.3747, 18.4817,
10.2276

■ 69.3872, 79.9571,
93.7487

■ 25.4406, 15.6514,
6.3829

■ 76.5751, 90.4758,
108.0354

■ 24.0876, 13.6714,
3.6935

■ 23.2508, 12.4468,
2.0303

■ 22.8339, 11.8367,
1.2019

■ 22.7653, 11.7363,
1.0655

Harmonies

Analogous

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



42.1740, 39.7987, 45.3455



41.9428, 39.7987, 39.1895



40.5860, 39.7987, 34.5960

Triad

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



41.9428, 39.7987, 39.1895



34.6388, 39.7987, 36.0673



37.1399, 39.7987, 56.4755

Complementary

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



41.9428, 39.7987, 39.1895



44.4012, 51.0411, 59.7365

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.



35.1968, 39.7987, 53.4318



41.9428, 39.7987, 39.1895



33.7903, 39.7987, 41.3829

Square

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



41.9428, 39.7987, 39.1895



36.3512, 39.7987, 32.9189



33.9905, 39.7987, 47.7609



39.3432, 39.7987, 55.7424

Rectangle

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



41.9428, 39.7987, 39.1895



39.2539, 39.7987, 32.8434



33.9905, 39.7987, 47.7609



36.4361, 39.7987, 55.8498

Sweetspot

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



41.9439, 39.8005, 39.1903



89.1316, 91.3398, 97.1340



45.4740, 41.2115, 57.7827



18.9067, 19.3000, 20.4504



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.



41.9439, 39.8005, 39.1903



72.8287, 67.4843, 64.7236



45.2184, 46.3495, 40.2818



10.0733, 10.0781, 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.



44.4012, 51.0411, 59.7365



78.0168, 91.2164, 108.1023



40.6822, 43.6032, 58.4969



10.3685, 11.4283, 12.9442



19.0830, 27.9225, 37.9404



0.8246, 1.2065, 1.6393

Previews

White Background



This preview shows how the XYZ color 41.9428, 39.7987, 39.1895 looks on a white background.

Color Contrast Check

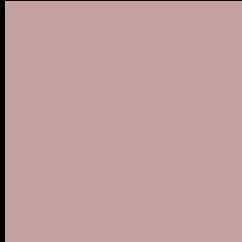
Large Text (above 18pt) WCAG AA × Fail

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 41.9428, 39.7987, 39.1895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

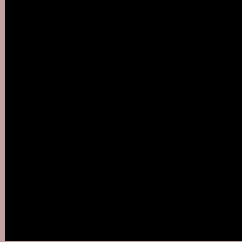
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9428, 39.7987, 39.1895

Background



This preview shows how black text looks on a background with the XYZ color 41.9428, 39.7987, 39.1895.



This preview shows how white text looks on a background with the XYZ color 41.9428, 39.7987,

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

41.9428, 39.7987, 39.1895

Protanopia

38.2131, 39.9768, 41.2996

Deuteranopia

40.6069, 39.9078, 38.8205



Tritanopia

42.8705, 39.6451, 44.4225

Trichromacy



Original Color

41.9428, 39.7987, 39.1895

Protanomaly

39.3931, 39.7765, 40.7234

Deuteranomaly

41.1806, 39.9389, 38.7962

Tritanomaly

42.6646, 39.8391, 42.4868

Monochromacy



Original Color

41.9428, 39.7987, 39.1895

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.6162, 40.1308, 42.2172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9428, 39.7987, 39.1895 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, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(196, 161, 161)  
}
```

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, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 161, 161) }
```

Border

The CSS property to change the border of an element to XYZ 41.9428, 39.7987, 39.1895 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, 161, 161) }
```


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

```
.border{ border-color:rgb(196, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(196, 161,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9428, 39.7987, 39.1895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 161, 161) }
```

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

```
.background{ background-color: rgb(196,  
161, 161) }
```

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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