

Converting Colors

XYZ(42.0170, 39.6104, 39.1389)

Have a look what the booklet for
XYZ(42.0170, 39.6104, 39.1389)
contains.

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Color

**XYZ(42.0298, 39.5851,
39.1437)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A0A1
RGB	197, 160, 161
RGB Percent	77%, 63%, 63%
CMY	0.2274, 0.3725, 0.3686
CMYK	0.00, 0.19, 0.18, 0.23
HSL	358°, 24%, 70%
HSV	358°, 19%, 77%
XYZ	42.0298, 39.5851, 39.1437
YIQ	171.1770, 21.7310, 8.1550

Conversions

Conversions Part 2

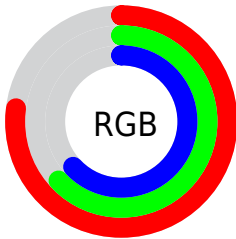
Format	Color
RYB	197, 160, 161
Decimal	12951713
CIELab	69.17, 13.80, 4.64
CIELCh	69, 14.562, 18.580
Yxy	39.5851, 0.3480, 0.3278
Android (android.graphics.Color)	4291141793 (0xFFC5A0A1)
YUV	171.1770, -5.0173, 22.6468
Hunter-Lab	62.9167, 9.1379, 7.1543

Details

The XYZ color **42.0298, 39.5851, 39.1437** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4288, 51.3926, 59.8052**, and the grayscale version is **38.8153, 40.8367, 44.4711**.

A 20% lighter version of the original color is **77.5682, 74.6296, 75.2824**, and **19.5047, 17.6906, 17.1385** is the 20% darker color. If you saturate the color by 10%, you get **37.3187, 32.6637, 29.8628**, and if you desaturate by 10%, it is **47.5435, 47.6961, 49.9717**.

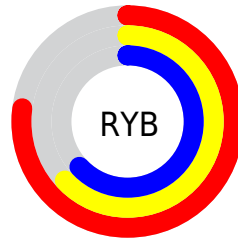
Distribution



Red (77%)

Green (63%)

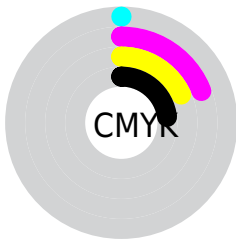
Blue (63%)



Red (77%)

Yellow (63%)

Blue (63%)

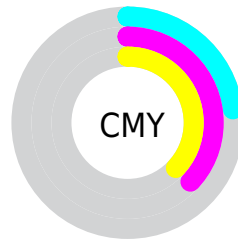


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (23%)



Cyan (23%)


Magenta (37%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0298, 39.5851, 39.1437 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 42.0298, 39.5851, 39.1437 by changing the saturation by 10% instead.


 42.0298, 39.5851,
39.1437

 42.0298, 39.5851,
39.1437


345.5960,
344.3717, 357.9452

 29.3158, 27.2152,
26.5628


 77.5096, 74.5313,
75.0806

 19.4654, 17.7349,
17.0156

 101.0062, 97.8764,
99.2736

 12.1130, 10.7598,
10.0836


128.8276,
125.6487, 128.1745

 6.8934, 5.9056,
5.3481

161.3393,
158.2325, 162.2018

 3.4413, 2.7878,
2.3906

198.9067,
196.0124, 201.7739

 1.3912, 1.0220,
0.7813

241.8950,

 0.2499, 0.0000,

239.3726, 247.3095

0.0000

290.6696,
288.6976, 299.2271

■ 0.0000, 0.0000,
0.0000

■ 42.0298, 39.5851,
39.1437

■ 42.0298, 39.5851,
39.1437

■ 37.3187, 32.6637,
29.8628

■ 47.5435, 47.6961,
49.9717

■ 33.3696, 26.8708,
22.0561

■ 53.8912, 57.0431,
62.4101

■ 30.1436, 22.1484,
15.6484

■ 61.1067, 67.6769,
76.5220

■ 27.5967, 18.4309,
10.5571

■ 69.2211, 79.6435,
92.3662

■ 25.6805, 15.6454,
6.6908

■ 76.8362, 90.6104,
108.0476

■ 24.3400, 13.7096,
3.9465

■ 23.5108, 12.5265,
2.2044

■ 23.0941, 11.9394,
1.3069

■ 23.0552, 11.8820,
1.2307

Harmonies

Analogous

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



42.1858, 39.5851, 45.6905



42.0298, 39.5851, 39.1437



40.6648, 39.5851, 34.1836

Triad

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



42.0298, 39.5851, 39.1437



34.3660, 39.5851, 35.1629



36.7449, 39.5851, 56.9310

Complementary

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



42.0298, 39.5851, 39.1437



44.4288, 51.3926, 59.8052

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.



34.7395, 39.5851, 53.4492



42.0298, 39.5851, 39.1437



33.4044, 39.5851, 40.6121

Square

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



42.0298, 39.5851, 39.1437



36.2159, 39.5851, 32.0541



33.5382, 39.5851, 47.3174



39.0691, 39.5851, 56.4335

Rectangle

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



42.0298, 39.5851, 39.1437



39.2833, 39.5851, 32.2329



33.5382, 39.5851, 47.3174



36.0129, 39.5851, 56.1738

Sweetspot

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



42.0309, 39.5869, 39.1445



88.0567, 89.7016, 95.1985



45.3543, 40.8791, 58.3238



18.6921, 18.9707, 20.0712



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.



42.0309, 39.5869, 39.1445



71.2439, 64.9719, 62.1695



45.1471, 45.9595, 39.7514



10.6453, 10.6415, 11.1152



15.1693, 7.8173, 0.8356



0.7224, 0.3718, 0.0613

Inverse Universe

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



42.0309, 39.5869, 39.1445



71.2439, 64.9719, 62.1695



40.8443, 44.0413, 59.1719



10.6453, 10.6415, 11.1152



15.1693, 7.8173, 0.8356



0.7224, 0.3718, 0.0613

Previews

White Background



This preview shows how the XYZ color 42.0298, 39.5851, 39.1437 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 42.0298, 39.5851, 39.1437 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 42.0298, 39.5851, 39.1437

Background



This preview shows how black text looks on a background with the XYZ color 42.0298, 39.5851, 39.1437.



This preview shows how white text looks on a background with the XYZ color 42.0298, 39.5851,

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

42.0298, 39.5851, 39.1437

Protanopia

38.1191, 39.6427, 41.7191

Deuteranopia

40.4286, 39.5513, 38.7610



Tritanopia

42.8662, 39.3998, 43.8737

Trichromacy



Original Color

42.0298, 39.5851, 39.1437

Protanomaly

39.4474, 39.5357, 40.6740

Deuteranomaly

41.0037, 39.5852, 38.7373

Tritanomaly

42.6619, 39.5921, 41.9527

Monochromacy



Original Color

42.0298, 39.5851, 39.1437

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 42.0298, 39.5851, 39.1437 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, 160, 161)` looks like.

```
.text, #text, p{  
    color:rgb(197, 160, 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(197, 160, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 160, 161) }
```

Border

The CSS property to change the border of an element to XYZ 42.0298, 39.5851, 39.1437 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, 160, 161) }
```


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

```
.border{ border-color:rgb(197, 160, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 160, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 160, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 160, 161);  
box-shadow:4px 4px 4px 4px rgb(197, 160,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0298, 39.5851, 39.1437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 160, 161) }
```

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

```
.background{ background-color: rgb(197,  
160, 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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