

Converting Colors

XYZ(40.1441, 35.9754, 39.0911)

Have a look what the booklet for
XYZ(40.1441, 35.9754, 39.0911)
contains.

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Color

**XYZ(40.0340, 35.8393,
38.9901)**

Conversions

Conversions Part 1

Format	Color
Hex	C495A2
RGB	196, 149, 162
RGB Percent	77%, 58%, 64%
CMY	0.2314, 0.4157, 0.3647
CMYK	0.00, 0.24, 0.17, 0.23
HSL	343°, 28%, 68%
HSV	343°, 24%, 77%
XYZ	40.0340, 35.8393, 38.9901
YIQ	164.5350, 23.8390, 14.0070

Conversions

Conversions Part 2

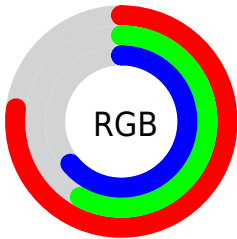
Format	Color
R_{YB}	196, 149, 162
Decimal	12883362
CIE _{Lab}	66.40, 19.64, 0.04
CIE _{LCh}	66, 19.641, 0.116
Yxy	35.8393, 0.3485, 0.3120
Android (android.graphics.Color)	4291073442 (0xFFC495A2)
YUV	164.5350, -1.2498, 27.5948
Hunter-Lab	59.8659, 14.6025, 3.2912

Details

The XYZ color **40.0340, 35.8393, 38.9901** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6831, 49.2892, 52.1717**, and the grayscale version is **35.5403, 37.3912, 40.7190**.

A 20% lighter version of the original color is **74.3883, 68.6043, 74.9669**, and **18.3375, 15.6119, 16.7988** is the 20% darker color. If you saturate the color by 10%, you get **35.9999, 29.6757, 31.7734**, and if you desaturate by 10%, it is **44.7341, 43.1067, 47.1309**.

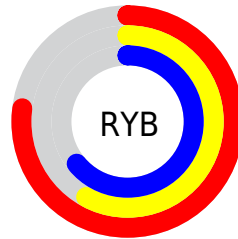
Distribution



Red (77%)

Green (58%)

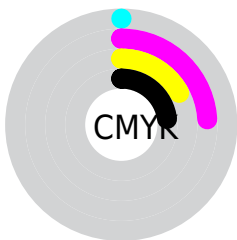
Blue (64%)



Red (77%)

Yellow (58%)

Blue (64%)

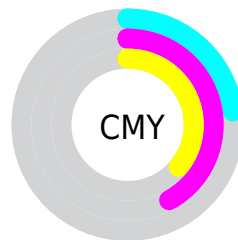


Cyan (0%)

Magenta (24%)

Yellow (17%)

Black (23%)



Cyan (23%)


Magenta (42%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0340, 35.8393, 38.9901 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 40.0340, 35.8393, 38.9901 by changing the saturation by 10% instead.


 40.0340, 35.8393,
38.9901


 40.0340, 35.8393,
38.9901

337.3988,
328.2576, 357.2731

 27.7494, 24.3101,
26.4443


 74.4993, 68.7840,
74.8434

 18.2763, 15.5638,
16.9275


 97.4107, 90.9682,
98.9879

 11.2494, 9.2160,
10.0214


124.5950,
117.4729, 127.8357

 6.3034, 4.8824,
5.3074

156.4177,
148.6826, 161.8053

 3.0728, 2.1784,
2.3668

193.2441,
184.9814, 201.3153

 1.1924, 0.7082,
0.7683

235.4395,

 0.1004, 0.0000,

226.7540, 246.7843

0.0000

283.3693,
274.3846, 298.6307

■ 0.0000, 0.0000,
0.0000

■ 40.0340, 35.8393,
38.9901

■ 40.0340, 35.8393,
38.9901

■ 35.9999, 29.6757,
31.7734

■ 44.7341, 43.1067,
47.1309

■ 32.5981, 24.5568,
25.4452

■ 50.1259, 51.5234,
56.2253

■ 29.7961, 20.4258,
19.9706

■ 56.2375, 61.1382,
66.3041

■ 27.5576, 17.2179,
15.3116

■ 63.0945, 71.9956,
77.3961

■ 25.8419, 14.8610,
11.4270

■ 70.7212, 84.1380,
89.5290

■ 24.6025, 13.2718,
8.2718

■ 75.3260, 89.9762,
101.4576

■ 23.7842, 12.3501,
5.7952

■ 76.5751, 90.4758,
108.0354

■ 23.4357, 12.0041,
4.5968

Harmonies

Analogous

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



39.2030, 35.8393, 47.6555



40.0340, 35.8393, 38.9901



39.1904, 35.8393, 31.4521

Triad

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



40.0340, 35.8393, 38.9901



31.3065, 35.8393, 26.6299



31.3252, 35.8393, 54.8058

Complementary

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



40.0340, 35.8393, 38.9901



40.6831, 49.2892, 52.1717

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.



29.4057, 35.8393, 47.7205



40.0340, 35.8393, 38.9901



29.3953, 35.8393, 31.5013

Square

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



40.0340, 35.8393, 38.9901



34.0527, 35.8393, 24.9720



28.7194, 35.8393, 39.0557



34.0756, 35.8393, 57.5493

Rectangle

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



40.0340, 35.8393, 38.9901



37.8182, 35.8393, 27.8740



28.7194, 35.8393, 39.0557



30.5672, 35.8393, 52.8071

Sweetspot

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



40.0350, 35.8409, 38.9908



87.6076, 88.3313, 96.5046



40.1657, 35.5107, 56.9622



18.6209, 18.7021, 20.4362



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.



40.0350, 35.8409, 38.9908



68.3756, 58.5687, 63.2685



40.6207, 38.7666, 33.7776



10.1851, 10.1227, 11.0653



15.0902, 7.7258, 3.1210



0.6822, 0.3459, 0.2941

Inverse Universe

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



40.0350, 35.8409, 38.9908



68.3756, 58.5687, 63.2685



39.8798, 45.4168, 58.8894



10.1851, 10.1227, 11.0653



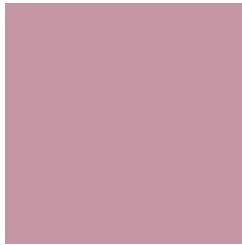
15.0902, 7.7258, 3.1210



0.6822, 0.3459, 0.2941

Previews

White Background



This preview shows how the XYZ color 40.0340, 35.8393, 38.9901 looks on a white background.

Color Contrast Check

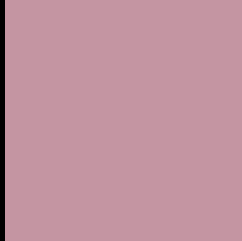
Large Text (above 18pt) WCAG AA × Fail

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 40.0340, 35.8393, 38.9901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

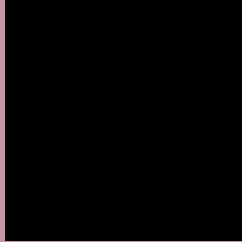
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0340, 35.8393, 38.9901

Background



This preview shows how black text looks on a background with the XYZ color 40.0340, 35.8393, 38.9901.



This preview shows how white text looks on a background with the XYZ color 40.0340, 35.8393,

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

40.0340, 35.8393, 38.9901

Protanopia

34.8066, 36.0357, 42.6572

Deuteranopia

36.8501, 36.1521, 38.7541



Tritanopia

39.9454, 35.8039, 38.5237

Trichromacy



Original Color

40.0340, 35.8393, 38.9901

Protanomaly

36.3955, 35.8658, 41.0809

Deuteranomaly

37.9962, 35.9987, 38.6640

Tritanomaly

39.9454, 35.8039, 38.5237

Monochromacy



Original Color

40.0340, 35.8393, 38.9901

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.0035, 36.7067, 40.2568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0340, 35.8393, 38.9901 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, 149, 162)` looks like.

```
.text, #text, p{  
    color:rgb(196, 149, 162)  
}
```

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, 149, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 149, 162) }
```

Border

The CSS property to change the border of an element to XYZ 40.0340, 35.8393, 38.9901 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, 149, 162) }
```


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

```
.border{ border-color:rgb(196, 149, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 149, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 149, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 149, 162);  
box-shadow:4px 4px 4px 4px rgb(196, 149,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0340, 35.8393, 38.9901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 149, 162) }
```

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

```
.background{ background-color: rgb(196,  
149, 162) }
```

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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