

Converting Colors

XYZ(40.1200, 35.4073, 42.8052)

Have a look what the booklet for
XYZ(40.1200, 35.4073, 42.8052)
contains.

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Color

**XYZ(39.9376, 35.2391,
42.7271)**

Conversions

Conversions Part 1

Format	Color
Hex	C293AA
RGB	194, 147, 170
RGB Percent	76%, 58%, 67%
CMY	0.2392, 0.4235, 0.3333
CMYK	0.00, 0.24, 0.12, 0.24
HSL	331°, 28%, 67%
HSV	331°, 24%, 76%
XYZ	39.9376, 35.2391, 42.7271
YIQ	163.6750, 20.6290, 17.1170

Conversions

Conversions Part 2

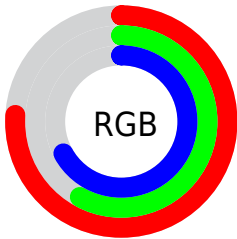
Format	Color
RYB	194, 147, 170
Decimal	12751786
CIELab	65.93, 21.33, -5.16
CIELCh	66, 21.948, 346.410
Yxy	35.2391, 0.3387, 0.2989
Android (android.graphics.Color)	4290941866 (0xFFC293AA)
YUV	163.6750, 3.1182, 26.5950
Hunter-Lab	59.3625, 16.2058, -1.1211

Details

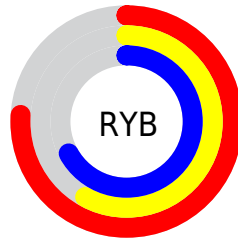
The XYZ color **39.9376, 35.2391, 42.7271** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.6766, 47.7279, 45.7044**, and the grayscale version is **35.1119, 36.9405, 40.2282**.

A 20% lighter version of the original color is **74.2609, 67.7188, 80.3912**, and **18.2681, 15.2492, 19.1201** is the 20% darker color. If you saturate the color by 10%, you get **36.2694, 29.3462, 37.0535**, and if you desaturate by 10%, it is **44.1872, 42.1809, 48.9438**.

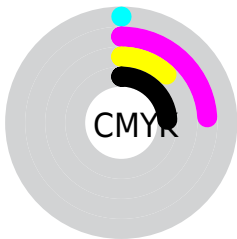
Distribution



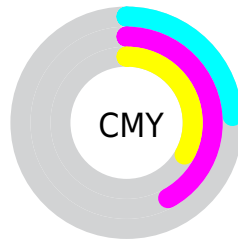
- Red (76%)
- Green (58%)
- Blue (67%)



- Red (76%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (12%)
- Black (24%)





- Cyan (24%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9376, 35.2391, 42.7271 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 39.9376, 35.2391, 42.7271 by changing the saturation by 10% instead.


 39.9376, 35.2391,
42.7271


 39.9376, 35.2391,
42.7271


336.9994,
325.6224, 373.3765

 27.6739, 23.8471,
29.3412


 74.3534, 67.8560,
80.5808

 18.2192, 15.2202,
19.0913


 97.2363, 89.8497,
105.8857

 11.2081, 8.9741,
11.5588


124.3895,
116.1461, 136.0008

 6.2753, 4.7243,
6.3251

156.1785,
147.1296, 171.3445

 3.0554, 2.0864,
2.9718

192.9687,
183.1846, 212.3353

 1.1832, 0.6570,
1.0803

235.1253,

 0.0930, 0.0000,

224.6955, 259.3919

0.0000

283.0138,
272.0466, 312.9328

■ 0.0000, 0.0000,
0.0000

■ 39.9376, 35.2391,
42.7271

■ 39.9376, 35.2391,
42.7271

■ 36.2694, 29.3462,
37.0535

■ 44.1872, 42.1809,
48.9438

■ 33.1526, 24.4458,
31.9042

■ 49.0403, 50.2148,
55.7172

■ 30.5588, 20.4834,
27.2621

■ 54.5217, 59.3874,
63.0631

■ 28.4557, 17.3973,
23.1085

■ 60.6537, 69.7413,
70.9959

■ 26.8076, 15.1184,
19.4228

■ 67.4576, 81.3168,
79.5294

■ 25.5730, 13.5669,
16.1824

■ 72.2133, 88.6714,
87.7636

■ 24.7023, 12.6463,
13.3613

■ 73.6403, 89.2422,
95.2781

■ 24.3107, 12.2944,
11.9012

■ 75.1476, 89.8452,
103.2154

■ 76.0584, 90.2095,
108.0112

Harmonies

Analogous

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



38.2233, 35.2391, 52.0688



39.9376, 35.2391, 42.7271



39.8482, 35.2391, 33.5355

Triad

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



39.9376, 35.2391, 42.7271



31.7604, 35.2391, 23.6435



29.3699, 35.2391, 52.8352

Complementary

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



39.9376, 35.2391, 42.7271



38.6766, 47.7279, 45.7044

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.



27.8534, 35.2391, 43.6468



39.9376, 35.2391, 42.7271



29.1713, 35.2391, 27.3120

Square

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



39.9376, 35.2391, 42.7271



34.9826, 35.2391, 23.4789



27.7831, 35.2391, 34.3185



32.0477, 35.2391, 58.5104

Rectangle

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



39.9376, 35.2391, 42.7271



38.7750, 35.2391, 28.7029



27.7831, 35.2391, 34.3185



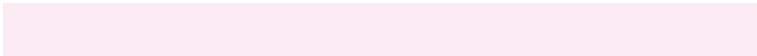
28.7152, 35.2391, 49.9938

Sweetspot

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



39.9386, 35.2407, 42.7278



86.1950, 86.5663, 97.2973



36.8586, 33.3662, 55.5371



18.7543, 18.7555, 21.1388



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.



39.9386, 35.2407, 42.7278



68.7500, 58.0254, 71.9089



37.9497, 34.4451, 32.2541



10.2740, 10.1582, 11.5333



16.0246, 8.0996, 8.0416



0.7272, 0.3639, 0.5308

Inverse Universe

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



39.9386, 35.2407, 42.7278



68.7500, 58.0254, 71.9089



41.0632, 48.6825, 58.2719



10.2740, 10.1582, 11.5333



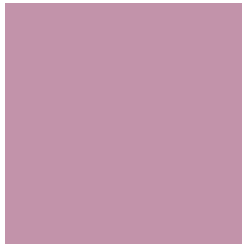
16.0246, 8.0996, 8.0416



0.7272, 0.3639, 0.5308

Previews

White Background



This preview shows how the XYZ color 39.9376, 35.2391, 42.7271 looks on a white background.

Color Contrast Check

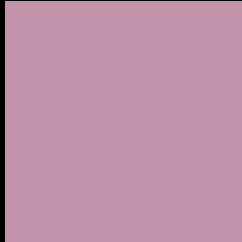
Large Text (above 18pt) WCAG AA × Fail

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 39.9376, 35.2391, 42.7271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

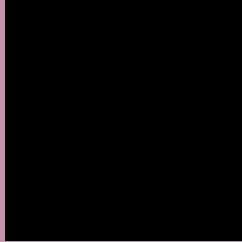
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9376, 35.2391, 42.7271

Background



This preview shows how black text looks on a background with the XYZ color 39.9376, 35.2391, 42.7271.



This preview shows how white text looks on a background with the XYZ color 39.9376, 35.2391,

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

39.9376, 35.2391, 42.7271

Protanopia

34.5346, 35.2797, 47.1090

Deuteranopia

35.9696, 35.3747, 41.9780



Tritanopia

39.0849, 35.3704, 38.0249

Trichromacy



Original Color

39.9376, 35.2391, 42.7271

Protanomaly

36.2538, 35.1958, 45.4401

Deuteranomaly

37.3751, 35.3503, 42.3895

Tritanomaly

39.2831, 35.1976, 39.8453

Monochromacy



Original Color

39.9376, 35.2391, 42.7271

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.7890, 36.3209, 41.1480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9376, 35.2391, 42.7271 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(194, 147, 170)` looks like.

```
.text, #text, p{  
    color:rgb(194, 147, 170)  
}
```

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(194, 147, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 147, 170) }
```

Border

The CSS property to change the border of an element to XYZ 39.9376, 35.2391, 42.7271 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(194, 147, 170) }
```


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

```
.border{ border-color:rgb(194, 147, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 147, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 147, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 147, 170);  
box-shadow:4px 4px 4px 4px rgb(194, 147,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9376, 35.2391, 42.7271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 147, 170) }
```

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

```
.background{ background-color: rgb(194,  
147, 170) }
```

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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