

Converting Colors

XYZ(43.9387, 33.6253, 71.1923)

Have a look what the booklet for
XYZ(43.9387, 33.6253, 71.1923)
contains.

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Color

**XYZ(43.9387, 33.6253,
71.1923)**

Conversions

Conversions Part 1

Format	Color
Hex	C485DB
RGB	196, 133, 219
RGB Percent	77%, 52%, 86%
CMY	0.2314, 0.4784, 0.1412
CMYK	0.11, 0.39, 0.00, 0.14
HSL	284°, 54%, 69%
HSV	284°, 39%, 86%
XYZ	43.9387, 33.6253, 71.1923
YIQ	161.6410, 9.9420, 40.1020

Conversions

Conversions Part 2

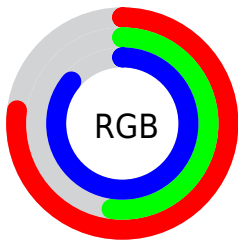
Format	Color
R_{YB}	196, 133, 219
Decimal	12879323
CIE _{Lab}	64.66, 38.92, -34.51
CIE _{LCh}	65, 52.018, 318.435
Yxy	33.6253, 0.2954, 0.2260
Android (android.graphics.Color)	4291069403 (0xFFC485DB)
YUV	161.6410, 28.2780, 30.1328
Hunter-Lab	57.9873, 33.7769, -32.2005

Details

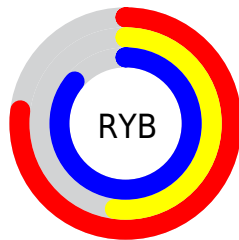
The XYZ color **43.9387, 33.6253, 71.1923** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **43.2764, 59.4252, 31.3811**, and the grayscale version is **34.0447, 35.8177, 39.0055**.

A 20% lighter version of the original color is **76.6934, 63.8315, 102.8863**, and **20.7026, 14.3776, 36.8060** is the 20% darker color. If you saturate the color by 10%, you get **39.7536, 27.4720, 70.2257**, and if you desaturate by 10%, it is **48.8106, 41.0622, 72.3715**.

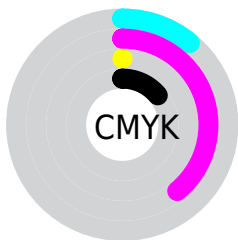
Distribution



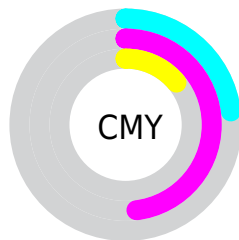
- Red (77%)
- Green (52%)
- Blue (86%)



- Red (77%)
- Yellow (52%)
- Blue (86%)



- Cyan (11%)
- Magenta (39%)
- Yellow (0%)
- Black (14%)





- Cyan (23%)
- Magenta (48%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9387, 33.6253, 71.1923 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 43.9387, 33.6253, 71.1923 by changing the saturation by 10% instead.


 43.9387, 33.6253,
71.1923


 43.9387, 33.6253,
71.1923

353.3145,
318.4580, 483.6271


 30.8200, 22.6059,
52.0163

 80.3724, 65.3506,
122.6045

 20.6130, 14.3028,
36.6358


 104.4182, 86.8252,
155.6778

 12.9523, 8.3316,
24.6320


 132.8370,
112.5537, 194.2207

 7.4724, 4.3078,
15.5866

165.9942,
142.9205, 238.6517

 3.8082, 1.8472,
9.0809

204.2552,
178.3099, 289.3893

 1.5942, 0.5163,
4.6965

247.9854,

 0.3886, 0.0000,

219.1064, 346.8520

2.0147

297.5500,
265.6943, 411.4585

■ 0.0000, 0.0000,
0.5643

■ 0.0000, 0.0000,
0.0000

■ 43.9387, 33.6253,
71.1923

■ 43.9387, 33.6253,
71.1923

■ 39.7536, 27.4720,
70.2257

■ 48.8106, 41.0622,
72.3715

■ 36.2120, 22.5193,
69.4564

■ 54.4024, 49.8502,
73.7731

■ 33.2708, 18.6811,
68.8706

■ 60.7487, 60.0573,
75.4087

■ 30.8798, 15.8581,
68.4517

■ 67.8812, 71.7455,
77.2889

■ 28.9796, 13.9323,
68.1801

■ 75.8295, 84.9731,
79.4231

■ 27.4736, 12.7119,
68.0239

■ 81.5475, 93.6473,
80.7960

■ 27.3700, 12.6327,
68.0141

■ 83.4714, 94.6391,
80.8861

■ 85.4591, 95.6638,
80.9791

■ 87.5113, 96.7217,
81.0751

Harmonies

Analogous

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



36.7139, 33.6253, 91.0508



43.9387, 33.6253, 71.1923



48.1737, 33.6253, 45.4815

Triad

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



43.9387, 33.6253, 71.1923



34.9228, 33.6253, 9.3112



20.1915, 33.6253, 51.2005

Complementary

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



43.9387, 33.6253, 71.1923



43.2764, 59.4252, 31.3811

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.



19.8657, 33.6253, 28.9782



43.9387, 33.6253, 71.1923



27.6349, 33.6253, 9.8320

Square

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



43.9387, 33.6253, 71.1923



42.4530, 33.6253, 13.6742



22.3838, 33.6253, 15.5600



23.3560, 33.6253, 76.7539

Rectangle

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



43.9387, 33.6253, 71.1923



48.3528, 33.6253, 30.9108



22.3838, 33.6253, 15.5600



19.7667, 33.6253, 42.9749

Sweetspot

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



43.9399, 33.6267, 71.1930



83.1064, 80.4874, 105.7632



34.5794, 34.3406, 71.8242



17.5310, 16.8126, 22.5711



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.



43.9399, 33.6267, 71.1930



57.1503, 40.2695, 99.3684



48.0701, 36.0237, 59.2891



13.2570, 13.0906, 16.4802



16.3380, 7.5467, 40.3340



1.1386, 0.5302, 2.6168

Inverse Universe

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



43.6027, 34.2367, 35.7639



56.9187, 41.4273, 41.6536



40.6430, 57.9054, 38.5847



13.1983, 13.1084, 14.3057



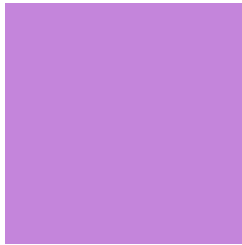
17.8227, 9.1301, 3.4465



1.1903, 0.6057, 0.4109

Previews

White Background



This preview shows how the XYZ color 43.9387, 33.6253, 71.1923 looks on a white background.

Color Contrast Check

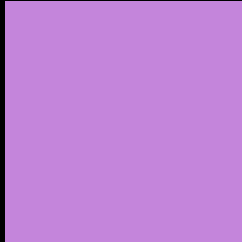
Large Text (above 18pt) WCAG AA × Fail

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 43.9387, 33.6253, 71.1923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

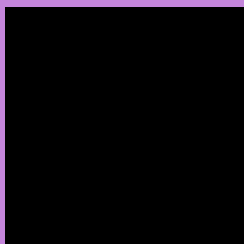
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9387, 33.6253, 71.1923

Background



This preview shows how black text looks on a background with the XYZ color 43.9387, 33.6253, 71.1923.



This preview shows how white text looks on a background with the XYZ color 43.9387, 33.6253,

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

43.9387, 33.6253, 71.1923

Protanopia

35.7492, 33.8345, 84.0034

Deuteranopia

34.6345, 33.8380, 68.9959



Tritanopia

36.8582, 33.5569, 36.4328

Trichromacy



Original Color

43.9387, 33.6253, 71.1923

Protanomaly

37.6987, 33.0432, 79.2540

Deuteranomaly

37.3256, 33.2989, 69.4258

Tritanomaly

38.9983, 33.2922, 47.5506

Monochromacy



Original Color

43.9387, 33.6253, 71.1923

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

37.0694, 34.5508, 49.5149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9387, 33.6253, 71.1923 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, 133, 219)` looks like.

```
.text, #text, p{  
    color:rgb(196, 133, 219)  
}
```

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, 133, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 133, 219) }
```

Border

The CSS property to change the border of an element to XYZ 43.9387, 33.6253, 71.1923 is called "border". The border property can be set on classes, ids or directly on the HTML element.

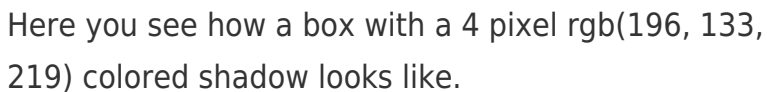
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 133, 219) }
```


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

```
.border{ border-color:rgb(196, 133, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 133, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 133, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 133, 219); box-shadow:4px 4px 4px 4px rgb(196, 133, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9387, 33.6253, 71.1923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 133, 219) }
```

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

```
.background{ background-color: rgb(196,  
133, 219) }
```

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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