

Converting Colors

XYZ(42.4766, 39.3687, 46.7469)

Have a look what the booklet for
XYZ(42.4766, 39.3687, 46.7469)
contains.

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Color

**XYZ(42.5821, 39.4399,
46.9633)**

Conversions

Conversions Part 1

Format	Color
Hex	C29FB1
RGB	194, 159, 177
RGB Percent	76%, 62%, 69%
CMY	0.2392, 0.3765, 0.3059
CMYK	0.00, 0.18, 0.09, 0.24
HSL	329°, 22%, 69%
HSV	329°, 18%, 76%
XYZ	42.5821, 39.4399, 46.9633
YIQ	171.5170, 15.0820, 13.0180

Conversions

Conversions Part 2

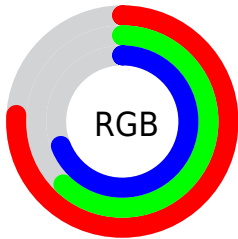
Format	Color
RYB	194, 159, 177
Decimal	12754865
CIELab	69.07, 15.91, -4.44
CIELCh	69, 16.522, 344.408
Yxy	39.4399, 0.3301, 0.3058
Android (android.graphics.Color)	4290944945 (0xFFC29FB1)
YUV	171.5170, 2.7031, 19.7176
Hunter-Lab	62.8012, 11.1291, -0.3768

Details

The XYZ color **42.5821, 39.4399, 46.9633** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.4279, 49.0902, 48.3685**, and the grayscale version is **38.9512, 40.9797, 44.6269**.

A 20% lighter version of the original color is **78.5382, 74.4856, 87.3285**, and **19.7110, 17.5461, 21.4166** is the 20% darker color. If you saturate the color by 10%, you get **38.5973, 32.9216, 41.1598**, and if you desaturate by 10%, it is **47.1576, 47.0348, 53.2847**.

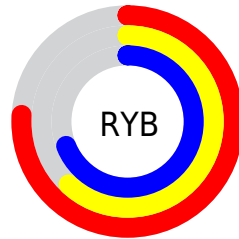
Distribution



Red (76%)

Green (62%)

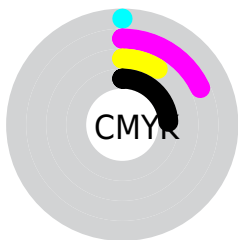
Blue (69%)



Red (76%)

Yellow (62%)

Blue (69%)

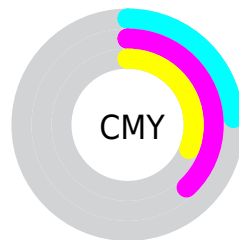


Cyan (0%)

Magenta (18%)

Yellow (9%)

Black (24%)



Cyan (24%)


Magenta (38%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5821, 39.4399, 46.9633 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 42.5821, 39.4399, 46.9633 by changing the saturation by 10% instead.


 42.5821, 39.4399,
46.9633


 42.5821, 39.4399,
46.9633


347.8410,
343.7571, 391.0575

 29.7505, 27.1021,
32.6525


 78.3395, 74.3099,
87.0082

 19.7964, 17.6499,
21.5914


 101.9960, 97.6108,
113.5795

 12.3545, 10.6989,
13.3616

129.9914,
125.3350, 145.0746

 7.0595, 5.8648,
7.5443

162.6912,
157.8667, 181.9122

 3.5460, 2.7630,
3.7212

200.4608,
195.5903, 224.5107

 1.4487, 1.0093,
1.4737

243.6653,

 0.2905, 0.0000,

238.8904, 273.2887

0.1982

292.6703,
288.1512, 328.6648

■ 0.0000, 0.0000,
0.0000

■ 42.5821, 39.4399,
46.9633

■ 42.5821, 39.4399,
46.9633

■ 38.5973, 32.9216,
41.1598

■ 47.1576, 47.0348,
53.2847

■ 35.1742, 27.4255,
35.8568

■ 52.3445, 55.7470,
60.1357

■ 32.2863, 22.9001,
31.0392

■ 58.1665, 65.6218,
67.5308

■ 29.9035, 19.2876,
26.6901

■ 64.6451, 76.7000,
75.4831

■ 27.9926, 16.5237,
22.7915

■ 71.4793, 88.3778,
83.8978

■ 26.5160, 14.5358,
19.3235

■ 72.7943, 88.9038,
90.8225

■ 25.4300, 13.2388,
16.2638

■ 74.1812, 89.4586,
98.1261

■ 24.6687, 12.5036,
13.5825

■ 75.6413, 90.0426,
105.8146

■ 24.5372, 12.3850,
13.0937

■ 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.



41.1453, 39.4399, 54.1671



42.5821, 39.4399, 46.9633



42.6116, 39.4399, 39.4326

Triad

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



42.5821, 39.4399, 46.9633



36.2397, 39.4399, 30.3653



33.9818, 39.4399, 53.9200

Complementary

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



42.5821, 39.4399, 46.9633



41.4279, 49.0902, 48.3685

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.



32.7896, 39.4399, 46.6565



42.5821, 39.4399, 46.9633



34.0512, 39.4399, 33.3881

Square

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



42.5821, 39.4399, 46.9633



38.8650, 39.4399, 30.4270



32.8144, 39.4399, 39.1596



36.1409, 39.4399, 58.4930

Rectangle

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



42.5821, 39.4399, 46.9633



41.8244, 39.4399, 35.2537



32.8144, 39.4399, 39.1596



33.4593, 39.4399, 51.6770

Sweetspot

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



42.5832, 39.4417, 46.9641



88.1009, 89.6716, 100.1102



40.0229, 37.9136, 56.2482



19.1499, 19.3972, 21.7319



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.



42.5832, 39.4417, 46.9641



73.9091, 66.1337, 80.4413



40.9565, 38.7909, 38.3977



10.2846, 10.1624, 11.5890



16.1739, 8.1593, 8.8278



0.7336, 0.3664, 0.5643

Inverse Universe

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



42.5832, 39.4417, 46.9641



73.9091, 66.1337, 80.4413



43.2633, 49.8244, 58.0336



10.2846, 10.1624, 11.5890



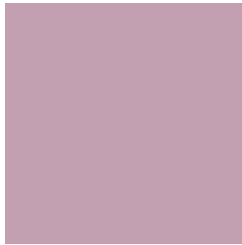
16.1739, 8.1593, 8.8278



0.7336, 0.3664, 0.5643

Previews

White Background



This preview shows how the XYZ color 42.5821, 39.4399, 46.9633 looks on a white background.

Color Contrast Check

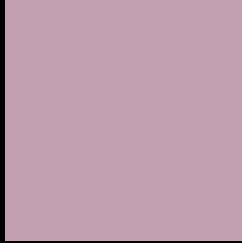
Large Text (above 18pt) WCAG AA × Fail

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 42.5821, 39.4399, 46.9633 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 42.5821, 39.4399, 46.9633

Background



This preview shows how black text looks on a background with the XYZ color 42.5821, 39.4399, 46.9633.



This preview shows how white text looks on a background with the XYZ color 42.5821, 39.4399,

46.9633.

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

42.5821, 39.4399, 46.9633

Protanopia

38.5946, 39.7075, 49.8861

Deuteranopia

40.4033, 39.6306, 46.5943



Tritanopia

42.0095, 39.4576, 44.4317

Trichromacy



Original Color

42.5821, 39.4399, 46.9633

Protanomaly

39.8248, 39.5527, 48.7155

Deuteranomaly

41.0065, 39.4144, 46.5208

Tritanomaly

42.2031, 39.5351, 45.4511

Monochromacy



Original Color

42.5821, 39.4399, 46.9633

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.2811, 40.3967, 45.7187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5821, 39.4399, 46.9633 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, 159, 177)` looks like.

```
.text, #text, p{  
    color:rgb(194, 159, 177)  
}
```

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, 159, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 159, 177) }
```

Border

The CSS property to change the border of an element to XYZ 42.5821, 39.4399, 46.9633 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, 159, 177) }
```


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

```
.border{ border-color:rgb(194, 159, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 159, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 159, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 159, 177);  
box-shadow:4px 4px 4px 4px rgb(194, 159,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5821, 39.4399, 46.9633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 159, 177) }
```

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

```
.background{ background-color: rgb(194,  
159, 177) }
```

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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