

Converting Colors

XYZ(44.5114, 39.3444, 70.8586)

Have a look what the booklet for
XYZ(44.5114, 39.3444, 70.8586)
contains.

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Color

**XYZ(44.5889, 39.4380,
70.9078)**

Conversions

Conversions Part 1

Format	Color
Hex	B99DD9
RGB	185, 157, 217
RGB Percent	73%, 62%, 85%
CMY	0.2745, 0.3843, 0.1490
CMYK	0.15, 0.28, 0.00, 0.15
HSL	268°, 44%, 73%
HSV	268°, 28%, 85%
XYZ	44.5889, 39.4380, 70.9078
YIQ	172.2120, -2.5720, 24.5960

Conversions

Conversions Part 2

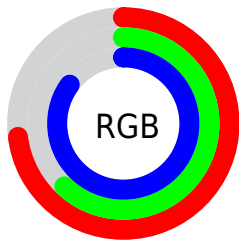
Format	Color
RYB	185, 157, 217
Decimal	12164569
CIELab	69.07, 21.84, -26.69
CIELCh	69, 34.485, 309.291
Yxy	39.4380, 0.2878, 0.2545
Android (android.graphics.Color)	4290354649 (0xFFB99DD9)
YUV	172.2120, 22.0805, 11.2151
Hunter-Lab	62.7997, 16.8388, -22.9852

Details

The XYZ color **44.5889, 39.4380, 70.9078** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.8863, 62.8798, 41.3024**, and the grayscale version is **39.2137, 41.2559, 44.9277**.

A 20% lighter version of the original color is **78.2114, 73.1842, 104.6115**, and **20.9332, 17.5371, 36.4641** is the 20% darker color. If you saturate the color by 10%, you get **38.5594, 31.3558, 69.6662**, and if you desaturate by 10%, it is **51.5003, 48.9446, 72.3791**.

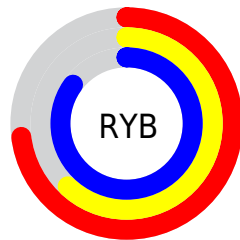
Distribution



Red (73%)

Green (62%)

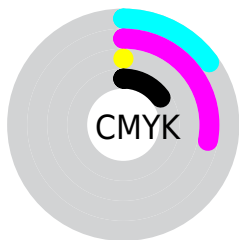
Blue (85%)



Red (73%)

Yellow (62%)

Blue (85%)

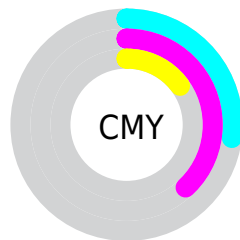


Cyan (15%)

Magenta (28%)

Yellow (0%)

Black (15%)



Cyan (27%)

Magenta (38%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5889, 39.4380, 70.9078 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 44.5889, 39.4380, 70.9078 by changing the saturation by 10% instead.

■ 44.5889, 39.4380,
70.9078

■ 44.5889, 39.4380,
70.9078

355.9178,
343.7491, 482.6060

■ 31.3336, 27.1006,
51.7856

■ 81.3440, 74.3070,
122.1957

■ 21.0061, 17.6488,
36.4531

■ 105.5746, 97.6073,
155.1984

■ 13.2410, 10.6982,
24.4919

134.1944,
125.3308, 193.6650

■ 7.6728, 5.8642,
15.4833

167.5686,
157.8619, 238.0142

■ 3.9363, 2.7627,
9.0089

206.0627,
195.5848, 288.6643

■ 1.6662, 1.0091,
4.6501

250.0421,

■ 0.4350, 0.0000,

238.8841, 346.0339

1.9884

299.8720,
288.1440, 410.5417

■ 0.0000, 0.0000,
0.5481

■ 0.0000, 0.0000,
0.0000

■ 44.5889, 39.4380,
70.9078

■ 44.5889, 39.4380,
70.9078

■ 38.5594, 31.3558,
69.6662

■ 51.5003, 48.9446,
72.3791

■ 33.3680, 24.6214,
68.6399

■ 59.3269, 59.9374,
74.0884

■ 28.9727, 19.1581,
67.8171

■ 68.1048, 72.4802,
76.0468

■ 25.3261, 14.8794,
67.1834

■ 77.8671, 86.6318,
78.2638

■ 22.3745, 11.6874,
66.7229

■ 85.2018, 95.5614,
79.6008

■ 20.0560, 9.4676,
66.4166

■ 89.3201, 97.6844,
79.7935

■ 18.2872, 8.0628,
66.2387

■ 89.5245, 97.7898,
79.8031

■ 17.9210, 7.7918,
66.2056

Harmonies

Analogous

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



39.2182, 39.4380, 80.3057



44.5889, 39.4380, 70.9078



48.2733, 39.4380, 54.5674

Triad

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



44.5889, 39.4380, 70.9078



41.3503, 39.4380, 20.3833



27.9860, 39.4380, 48.0195

Complementary

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



44.5889, 39.4380, 70.9078



51.8863, 62.8798, 41.3024

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.



28.4366, 39.4380, 33.0963



44.5889, 39.4380, 70.9078



35.8029, 39.4380, 19.4489

Square

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



44.5889, 39.4380, 70.9078



46.2802, 39.4380, 26.4744



31.1781, 39.4380, 23.5062



29.8807, 39.4380, 65.1200

Rectangle

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



44.5889, 39.4380, 70.9078



49.0857, 39.4380, 43.3171



31.1781, 39.4380, 23.5062



27.8726, 39.4380, 42.5676

Sweetspot

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



44.5902, 39.4396, 70.9087



84.9937, 85.6624, 106.6626



44.8439, 49.0062, 72.7418



17.8089, 17.7932, 22.7458



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.



44.5902, 39.4396, 70.9087



59.1968, 50.0083, 101.1403



52.3140, 43.4214, 71.2701



12.9134, 12.9135, 16.4641



10.9679, 4.7783, 40.0826



0.8094, 0.3605, 2.6014

Inverse Universe

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



49.8588, 42.5414, 53.7293



68.1345, 55.2731, 71.8613



45.3972, 59.5346, 40.9988



13.3449, 13.1670, 15.0773



19.2751, 9.7111, 11.0946



1.2921, 0.6465, 0.9473

Previews

White Background



This preview shows how the XYZ color 44.5889, 39.4380, 70.9078 looks on a white background.

Color Contrast Check

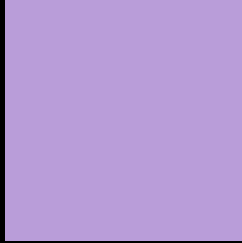
Large Text (above 18pt) WCAG AA × Fail

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 44.5889, 39.4380, 70.9078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

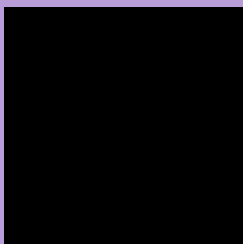
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.5889, 39.4380, 70.9078

Background



This preview shows how black text looks on a background with the XYZ color 44.5889, 39.4380, 70.9078.



This preview shows how white text looks on a background with the XYZ color 44.5889, 39.4380,

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

44.5889, 39.4380, 70.9078

Protanopia

40.4101, 39.7916, 76.0717

Deuteranopia

40.5999, 39.7558, 69.8238



Tritanopia

39.5714, 39.1902, 47.0738

Trichromacy



Original Color

44.5889, 39.4380, 70.9078

Protanomaly

41.6654, 39.4142, 73.8183

Deuteranomaly

42.0694, 39.6983, 70.4110

Tritanomaly

41.3154, 39.1193, 55.2424

Monochromacy



Original Color

44.5889, 39.4380, 70.9078

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.0273, 40.6154, 53.2541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5889, 39.4380, 70.9078 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(185, 157, 217)` looks like.

```
.text, #text, p{  
    color:rgb(185, 157, 217)  
}
```

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(185, 157, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 157, 217) }
```

Border

The CSS property to change the border of an element to XYZ 44.5889, 39.4380, 70.9078 is called "border". The border property can be set on classes, ids or directly on the HTML element.

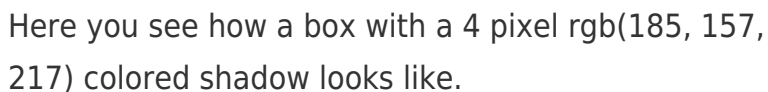
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 157, 217) }
```


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

```
.border{ border-color:rgb(185, 157, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 157, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 157, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 157, 217); box-shadow:4px 4px 4px 4px rgb(185, 157, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5889, 39.4380, 70.9078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 157, 217) }
```

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

```
.background{ background-color: rgb(185,  
157, 217) }
```

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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