

Converting Colors

XYZ(39.1155, 22.7701, 48.8730)

Have a look what the booklet for
XYZ(39.1155, 22.7701, 48.8730)
contains.

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Color

**XYZ(39.0433, 22.7389,
48.7856)**

Conversions

Conversions Part 1

Format	Color
Hex	D64ABA
RGB	214, 74, 186
RGB Percent	84%, 29%, 73%
CMY	0.1608, 0.7098, 0.2706
CMYK	0.00, 0.65, 0.13, 0.16
HSL	312°, 63%, 56%
HSV	312°, 65%, 84%
XYZ	39.0433, 22.7389, 48.7856
YIQ	128.6280, 47.4880, 64.5120

Conversions

Conversions Part 2

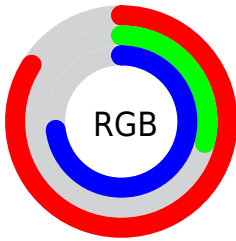
Format	Color
RYB	214, 74, 186
Decimal	14043834
CIELab	54.80, 66.50, -30.97
CIElCh	55, 73.357, 335.030
Yxy	22.7389, 0.3531, 0.2057
Android (android.graphics.Color)	4292233914 (0xFFD64ABA)
YUV	128.6280, 28.2844, 74.8712
Hunter-Lab	47.6853, 62.7011, -27.2783

Details

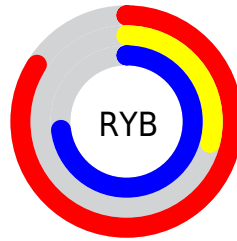
The XYZ color **39.0433, 22.7389, 48.7856** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **29.2701, 50.5092, 20.7790**, and the grayscale version is **20.6303, 21.7047, 23.6364**.

A 20% lighter version of the original color is **65.5183, 44.1733, 89.0775**, and **17.8752, 8.7339, 22.5735** is the 20% darker color. If you saturate the color by 10%, you get **37.4017, 20.1727, 46.0269**, and if you desaturate by 10%, it is **41.1858, 26.2843, 51.7789**.

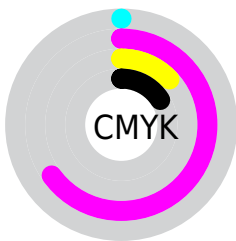
Distribution



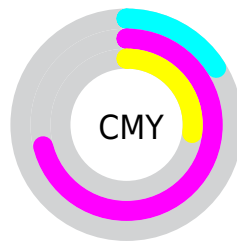
- Red (84%)
- Green (29%)
- Blue (73%)



- Red (84%)
- Yellow (29%)
- Blue (73%)



- Cyan (0%)
- Magenta (65%)
- Yellow (13%)
- Black (16%)





- Cyan (16%)
- Magenta (71%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0433, 22.7389, 48.7856 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 39.0433, 22.7389, 48.7856 by changing the saturation by 10% instead.

 39.0433, 22.7389,
48.7856


 39.0433, 22.7389,
48.7856

333.2785,
266.3811, 398.4958

 26.9743, 14.4008,
34.0850


 72.9981, 47.9642,
89.7506


 17.6904, 8.4000,
22.6810


 95.6146, 65.6203,
116.8522

 10.8263, 4.3519,
14.1551


 122.4777, 87.1512,
148.9244

 6.0166, 1.8723,
8.0886

 153.9526,
112.9412, 186.3860

 2.8959, 0.5317,
4.0631

 190.4048,
143.3748, 229.6554

 1.0990, 0.0000,
1.6600

232.1996,

 0.0242, 0.0000,

178.8364, 279.1511

0.3331

279.7024,
219.7104, 335.2918

■ 0.0000, 0.0000,
0.0000

■ 39.0433, 22.7389,
48.7856

■ 39.0433, 22.7389,
48.7856

■ 37.4017, 20.1727,
46.0269

■ 41.1858, 26.2843,
51.7789

■ 36.2070, 18.4790,
43.4837

■ 43.8715, 30.8943,
55.0208


■ 35.3966, 17.5325,
41.1347


■ 47.1405, 36.6490,
58.5257


■ 35.1014, 17.2441,
40.1055


■ 51.0287, 43.6197,
62.3059

■ 55.5690, 51.8719,
66.3729

 60.7918, 61.4664,
70.7375

 66.7257, 72.4603,
75.4097

 73.3977, 84.9072,
80.3991

 77.0174, 91.2265,
84.4427

Harmonies

Analogous

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



31.8496, 22.7389, 82.2434



39.0433, 22.7389, 48.7856



41.1520, 22.7389, 21.0481

Triad

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



39.0433, 22.7389, 48.7856



20.2749, 22.7389, 1.6011



11.1977, 22.7389, 60.2327

Complementary

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



39.0433, 22.7389, 48.7856



29.2701, 50.5092, 20.7790

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.



9.5082, 22.7389, 28.8818



39.0433, 22.7389, 48.7856



13.8443, 22.7389, 3.2444

Square

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



39.0433, 22.7389, 48.7856



28.8821, 22.7389, 2.3359



10.3392, 22.7389, 10.2920



15.6784, 22.7389, 91.2665

Rectangle

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



39.0433, 22.7389, 48.7856



39.0332, 22.7389, 10.2687



10.3392, 22.7389, 10.2920



10.3434, 22.7389, 48.8515

Sweetspot

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



39.0441, 22.7400, 48.7860



79.2837, 71.0261, 95.7564



20.0672, 12.5788, 64.9892



16.5670, 14.4712, 20.1315



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.



39.0441, 22.7400, 48.7860



54.7665, 28.7479, 66.7555



33.3338, 20.4559, 18.7161



12.8416, 12.5881, 15.1062



21.2542, 10.4380, 24.4405



1.3096, 0.6406, 1.6199

Inverse Universe

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



39.0441, 22.7400, 48.7860



54.7665, 28.7479, 66.7555



34.3181, 52.5284, 47.3614



12.8416, 12.5881, 15.1062



21.2542, 10.4380, 24.4405



1.3096, 0.6406, 1.6199

Previews

White Background



This preview shows how the XYZ color 39.0433, 22.7389, 48.7856 looks on a white background.

Color Contrast Check

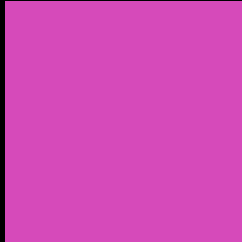
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.0433, 22.7389, 48.7856 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 × Fail

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

XYZ 39.0433, 22.7389, 48.7856

Background



This preview shows how black text looks on a background with the XYZ color 39.0433, 22.7389, 48.7856.



This preview shows how white text looks on a background with the XYZ color 39.0433, 22.7389,

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

39.0433, 22.7389, 48.7856

Protanopia

25.9408, 23.1494, 79.4450

Deuteranopia

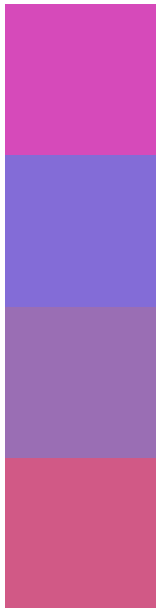
23.5262, 23.0615, 44.8063



Tritanopia

32.2270, 22.6707, 15.7740

Trichromacy



Original Color

39.0433, 22.7389, 48.7856

Protanomaly

26.9884, 20.4567, 66.8161

Deuteranomaly

27.1406, 21.3172, 45.8642

Tritanomaly

34.1699, 22.4213, 25.0810

Monochromacy



Original Color

39.0433, 22.7389, 48.7856

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

25.4709, 20.6129, 31.4904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0433, 22.7389, 48.7856 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(214, 74, 186)` looks like.

```
.text, #text, p{  
    color:rgb(214, 74, 186)  
}
```

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(214, 74, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 74, 186) }
```

Border

The CSS property to change the border of an element to XYZ 39.0433, 22.7389, 48.7856 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(214, 74, 186) }
```


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

```
.border{ border-color:rgb(214, 74, 186) }
```

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

Here you see how a box with a 4 pixel rgb(214, 74, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 74, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 74, 186);  
box-shadow:4px 4px 4px 4px rgb(214, 74,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0433, 22.7389, 48.7856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 74, 186) }
```

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

```
.background{ background-color: rgb(214, 74,  
186) }
```

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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