

Converting Colors

XYZ(39.5823, 24.3102, 39.7989)

Have a look what the booklet for
XYZ(39.5823, 24.3102, 39.7989)
contains.

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Color

**XYZ(39.4516, 24.2279,
39.6429)**

Conversions

Conversions Part 1

Format	Color
Hex	DB54A8
RGB	219, 84, 168
RGB Percent	86%, 33%, 66%
CMY	0.1412, 0.6706, 0.3412
CMYK	0.00, 0.62, 0.23, 0.14
HSL	323°, 65%, 59%
HSV	323°, 62%, 86%
XYZ	39.4516, 24.2279, 39.6429
YIQ	133.9410, 53.4960, 54.7440

Conversions

Conversions Part 2

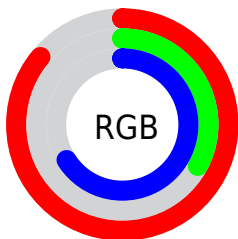
Format	Color
R _Y B	219, 84, 168
Decimal	14374056
CIE Lab	56.32, 61.27, -18.13
CIE LCh	56, 63.897, 343.516
Yxy	24.2279, 0.3818, 0.2345
Android (android.graphics.Color)	4292564136 (0xFFDB54A8)
YUV	133.9410, 16.7911, 74.5967
Hunter-Lab	49.2218, 56.9306, -13.2964

Details

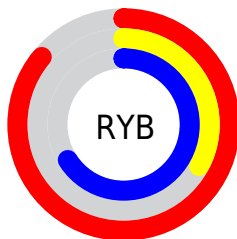
The XYZ color **39.4516, 24.2279, 39.6429** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **33.3621, 54.2978, 31.6466**, and the grayscale version is **22.5660, 23.7412, 25.8541**.

A 20% lighter version of the original color is **63.9374, 45.3439, 75.1944**, and **17.8500, 9.1354, 17.3455** is the 20% darker color. If you saturate the color by 10%, you get **37.2633, 21.0456, 35.2307**, and if you desaturate by 10%, it is **42.2217, 28.4946, 44.4914**.

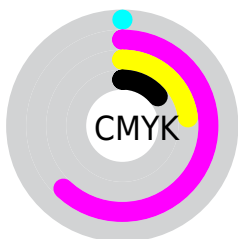
Distribution



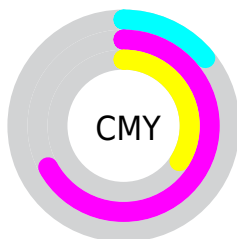
- Red (86%)
- Green (33%)
- Blue (66%)



- Red (86%)
- Yellow (33%)
- Blue (66%)



- Cyan (0%)
- Magenta (62%)
- Yellow (23%)
- Black (14%)





- Cyan (14%)
- Magenta (67%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4516, 24.2279, 39.6429 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 39.4516, 24.2279, 39.6429 by changing the saturation by 10% instead.


 39.4516, 24.2279,
39.6429


 39.4516, 24.2279,
39.6429


334.9809,
273.9706, 360.1234


 27.2935, 15.5028,
26.9486


 73.6174, 50.4018,
75.8506


 17.9315, 9.1730,
17.3025


 96.3558, 68.6194,
100.2010

 11.0002, 4.8542,
10.2862


 123.3517, 90.7700,
129.2738

 6.1343, 2.1620,
5.4810

 154.9704,
117.2379, 163.4876

 2.9683, 0.6991,
2.4685

191.5773,
148.4075, 203.2609

 1.1370, 0.0000,
0.8234

233.5378,

 0.0558, 0.0000,

184.6632, 249.0123

0.0000

281.2172,
226.3895, 301.1603

■ 0.0000, 0.0000,
0.0000

■ 39.4516, 24.2279,
39.6429

■ 39.4516, 24.2279,
39.6429

■ 37.2633, 21.0456,
35.2307

■ 42.2217, 28.4946,
44.4914

■ 35.6021, 18.8408,
31.2316

■ 45.6169, 33.9321,
49.7944

■ 34.4063, 17.4914,
27.6206

■ 49.6790, 40.6219,
55.5704

■ 33.6761, 16.8452,
24.8671

■ 54.4453, 48.6376,
61.8357

■ 59.9503, 58.0467,
68.6060

■ 66.2261, 68.9122,
75.8959

■ 73.3029, 81.2933,
83.7194

■ 79.8522, 92.5316,
91.6372

■ 81.0704, 93.0189,
98.0521

Harmonies

Analogous

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



34.2200, 24.2279, 68.0766



39.4516, 24.2279, 39.6429



39.7241, 24.2279, 17.9911

Triad

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



39.4516, 24.2279, 39.6429



19.8742, 24.2279, 3.3315



14.2092, 24.2279, 65.3198

Complementary

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



39.4516, 24.2279, 39.6429



33.3621, 54.2978, 31.6466

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.



11.8206, 24.2279, 37.0397



39.4516, 24.2279, 39.6429



14.5884, 24.2279, 6.5448

Square

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



39.4516, 24.2279, 39.6429



27.2845, 24.2279, 3.4703



11.9427, 24.2279, 16.4642



19.2387, 24.2279, 87.5129

Rectangle

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



39.4516, 24.2279, 39.6429



36.9678, 24.2279, 9.7248



11.9427, 24.2279, 16.4642



13.1239, 24.2279, 55.7097

Sweetspot

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



39.4523, 24.2291, 39.6434



79.4476, 73.0630, 90.5418



25.7099, 16.4841, 68.8447



16.5368, 14.8418, 18.7928



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.



39.4523, 24.2291, 39.6434



51.8271, 28.6401, 47.9845



34.7830, 22.3614, 15.0550



13.3950, 13.1871, 15.3411



20.0231, 10.0103, 15.0335



1.3386, 0.6651, 1.1918

Inverse Universe

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



39.4523, 24.2291, 39.6434



51.8271, 28.6401, 47.9845



39.5312, 56.7655, 64.1324



13.3950, 13.1871, 15.3411



20.0231, 10.0103, 15.0335



1.3386, 0.6651, 1.1918

Previews

White Background



This preview shows how the XYZ color 39.4516, 24.2279, 39.6429 looks on a white background.

Color Contrast Check

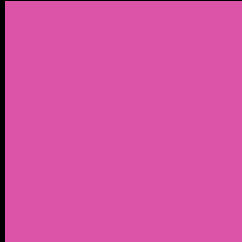
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4516, 24.2279, 39.6429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

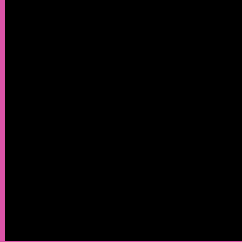
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.4516, 24.2279, 39.6429

Background



This preview shows how black text looks on a background with the XYZ color 39.4516, 24.2279, 39.6429.



This preview shows how white text looks on a background with the XYZ color 39.4516, 24.2279,

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

39.4516, 24.2279, 39.6429

Protanopia

25.9625, 24.5623, 61.1302

Deuteranopia

24.8376, 24.3100, 37.1014



Tritanopia

34.5039, 24.1104, 16.4709

Trichromacy



Original Color

39.4516, 24.2279, 39.6429



Protanomaly

28.2228, 22.5513, 52.7345



Deuteranomaly

28.5575, 23.0488, 38.0657



Tritanomaly

35.9895, 24.0375, 23.5117

Monochromacy



Original Color

39.4516, 24.2279, 39.6429



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

26.9507, 22.5654, 30.1292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4516, 24.2279, 39.6429 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(219, 84, 168)` looks like.

```
.text, #text, p{  
    color:rgb(219, 84, 168)  
}
```

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(219, 84, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 84, 168) }
```

Border

The CSS property to change the border of an element to XYZ 39.4516, 24.2279, 39.6429 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(219, 84, 168) }
```


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

```
.border{ border-color:rgb(219, 84, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 84, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 84, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 84, 168);  
box-shadow:4px 4px 4px 4px rgb(219, 84,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4516, 24.2279, 39.6429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 84, 168) }
```

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

```
.background{ background-color: rgb(219, 84,  
168) }
```

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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