

Converting Colors

XYZ(39.5969, 24.9408, 42.4655)

Have a look what the booklet for
XYZ(39.5969, 24.9408, 42.4655)
contains.

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Color

**XYZ(39.5179, 24.9284,
42.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	D85AAD
RGB	216, 90, 173
RGB Percent	85%, 35%, 68%
CMY	0.1529, 0.6470, 0.3216
CMYK	0.00, 0.58, 0.20, 0.15
HSL	320°, 62%, 60%
HSV	320°, 58%, 85%
XYZ	39.5179, 24.9284, 42.2640
YIQ	137.1360, 48.4530, 52.5250

Conversions

Conversions Part 2

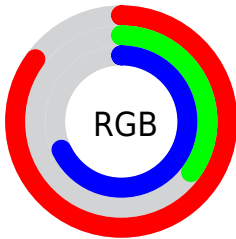
Format	Color
R _Y B	216, 90, 173
Decimal	14178989
CIE Lab	57.01, 58.50, -20.02
CIE LCh	57, 61.835, 341.108
Yxy	24.9284, 0.3703, 0.2336
Android (android.graphics.Color)	4292369069 (0xFFD85AAD)
YUV	137.1360, 17.6810, 69.1637
Hunter-Lab	49.9283, 53.9068, -15.2387

Details

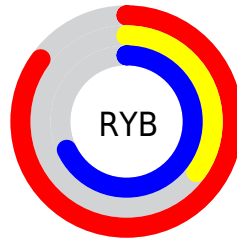
The XYZ color **39.5179, 24.9284, 42.2640** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **33.0072, 52.9797, 30.6792**, and the grayscale version is **23.7527, 24.9897, 27.2138**.

A 20% lighter version of the original color is **65.6617, 47.4749, 79.8316**, and **17.9550, 9.5537, 18.6670** is the 20% darker color. If you saturate the color by 10%, you get **37.2598, 21.5222, 38.0885**, and if you desaturate by 10%, it is **42.3462, 29.4113, 46.8242**.

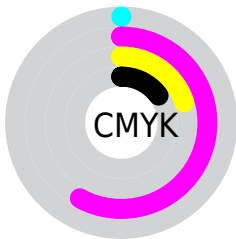
Distribution



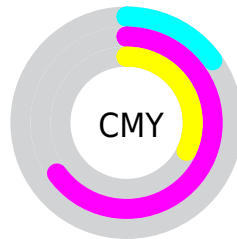
- Red (85%)
- Green (35%)
- Blue (68%)



- Red (85%)
- Yellow (35%)
- Blue (68%)



- Cyan (0%)
- Magenta (58%)
- Yellow (20%)
- Black (15%)





- Cyan (15%)
- Magenta (65%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5179, 24.9284, 42.2640 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 39.5179, 24.9284, 42.2640 by changing the saturation by 10% instead.

 39.5179, 24.9284,
42.2640


 39.5179, 24.9284,
42.2640

335.2568,
277.4812, 371.4080


 27.3454, 16.0237,
28.9810


 73.7178, 51.5410,
79.8734


 17.9707, 9.5409,
18.8210


 96.4760, 70.0178,
105.0369

 11.0285, 5.0957,
11.3655


 123.4934, 92.4540,
134.9975

 6.1535, 2.3035,
6.1960

 155.1354,
119.2341, 170.1740

 2.9802, 0.7756,
2.8939

191.7674,
150.7425, 210.9847

 1.1433, 0.0000,
1.0407

233.7547,

 0.0609, 0.0000,

187.3635, 257.8483

0.0000

281.4627,
229.4816, 311.1832

■ 0.0000, 0.0000,
0.0000

■ 39.5179, 24.9284,
42.2640

■ 39.5179, 24.9284,
42.2640

■ 37.2598, 21.5222,
38.0885

■ 42.3462, 29.4113,
46.8242

■ 35.5216, 19.0941,
34.2772

■ 45.7845, 35.0506,
51.7848

■ 34.2477, 17.5338,
30.8086

■ 49.8717, 41.9229,
57.1619

■ 33.3551, 16.6761,
27.6517

■ 54.6429, 50.0969,
62.9701

■ 33.2228, 16.5605,
27.1480

■ 60.1301, 59.6365,
69.2229

■ 66.3638, 70.6012,
75.9332

■ 73.3722, 83.0469,
83.1132

■ 78.6410, 91.9438,
89.9274

■ 79.7104, 92.3715,
95.5586

Harmonies

Analogous

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



34.1146, 24.9284, 69.8155



39.5179, 24.9284, 42.2640



40.2121, 24.9284, 20.1424

Triad

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



39.5179, 24.9284, 42.2640



21.1033, 24.9284, 3.7716



14.6509, 24.9284, 62.8526

Complementary

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



39.5179, 24.9284, 42.2640



33.0072, 52.9797, 30.6792

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.



12.4608, 24.9284, 35.6020



39.5179, 24.9284, 42.2640



15.6457, 24.9284, 6.7824

Square

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



39.5179, 24.9284, 42.2640



28.5100, 24.9284, 4.1613



12.7833, 24.9284, 16.1418



19.4529, 24.9284, 85.3059

Rectangle

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



39.5179, 24.9284, 42.2640



37.7774, 24.9284, 11.2773



12.7833, 24.9284, 16.1418



13.6340, 24.9284, 53.4992

Sweetspot

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



39.5187, 24.9296, 42.2645



80.4548, 74.4756, 92.7328



25.5679, 17.1773, 66.9341



16.8960, 15.3803, 19.4671



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.



39.5187, 24.9296, 42.2645



53.6057, 30.3967, 54.1281



34.8454, 23.0603, 17.6551



12.7646, 12.5573, 14.7004



19.7168, 9.8230, 16.3445



1.2273, 0.6077, 1.1864

Inverse Universe

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



39.5187, 24.9296, 42.2645



53.6057, 30.3967, 54.1281



38.6236, 55.2262, 60.2548



12.7646, 12.5573, 14.7004



19.7168, 9.8230, 16.3445



1.2273, 0.6077, 1.1864

Previews

White Background



This preview shows how the XYZ color 39.5179, 24.9284, 42.2640 looks on a white background.

Color Contrast Check

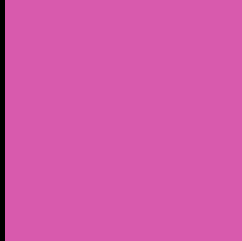
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5179, 24.9284, 42.2640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

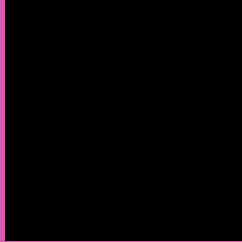
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.5179, 24.9284, 42.2640

Background



This preview shows how black text looks on a background with the XYZ color 39.5179, 24.9284, 42.2640.



This preview shows how white text looks on a background with the XYZ color 39.5179, 24.9284,

42.2640.

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

39.5179, 24.9284, 42.2640

Protanopia

26.6085, 25.2777, 62.5081

Deuteranopia

25.5614, 25.0376, 39.5619



Tritanopia

34.4533, 24.7721, 18.2948

Trichromacy



Original Color

39.5179, 24.9284, 42.2640



Protanomaly

29.0248, 23.6178, 54.6587



Deuteranomaly

29.1569, 23.8208, 40.5972



Tritanomaly

35.9163, 24.6420, 25.4176

Monochromacy



Original Color

39.5179, 24.9284, 42.2640



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

27.9474, 23.7419, 31.9638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5179, 24.9284, 42.2640 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(216, 90, 173)` looks like.

```
.text, #text, p{  
    color:rgb(216, 90, 173)  
}
```

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(216, 90, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 90, 173) }
```

Border

The CSS property to change the border of an element to XYZ 39.5179, 24.9284, 42.2640 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(216, 90, 173) }
```


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

```
.border{ border-color:rgb(216, 90, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 90, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 90, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 90, 173);  
box-shadow:4px 4px 4px 4px rgb(216, 90,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5179, 24.9284, 42.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 90, 173) }
```

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

```
.background{ background-color: rgb(216, 90,  
173) }
```

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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