

Converting Colors

XYZ(39.1616, 26.8186, 45.1439)

Have a look what the booklet for
XYZ(39.1616, 26.8186, 45.1439)
contains.

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Color

**XYZ(39.0999, 26.7274,
45.2176)**

Conversions

Conversions Part 1

Format	Color
Hex	D069B2
RGB	208, 105, 178
RGB Percent	82%, 41%, 70%
CMY	0.1843, 0.5882, 0.3020
CMYK	0.00, 0.50, 0.14, 0.18
HSL	317°, 52%, 61%
HSV	317°, 50%, 82%
XYZ	39.0999, 26.7274, 45.2176
YIQ	144.1190, 37.9550, 44.5390

Conversions

Conversions Part 2

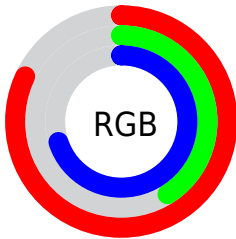
Format	Color
R _Y B	208, 105, 178
Decimal	13658546
CIE Lab	58.72, 49.79, -20.39
CIE LCh	59, 53.800, 337.734
Yxy	26.7274, 0.3521, 0.2407
Android (android.graphics.Color)	4291848626 (0xFFD069B2)
YUV	144.1190, 16.7033, 56.0236
Hunter-Lab	51.6985, 44.5281, -15.6684

Details

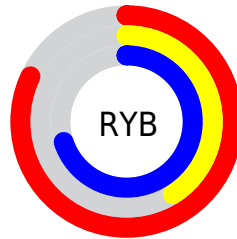
The XYZ color **39.0999, 26.7274, 45.2176** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.7560, 49.8652, 30.8223**, and the grayscale version is **26.4822, 27.8613, 30.3409**.

A 20% lighter version of the original color is **68.4894, 51.9968, 84.2685**, and **17.6922, 10.5160, 20.4993** is the 20% darker color. If you saturate the color by 10%, you get **36.6398, 22.7589, 41.4623**, and if you desaturate by 10%, it is **42.1066, 31.7452, 49.2881**.

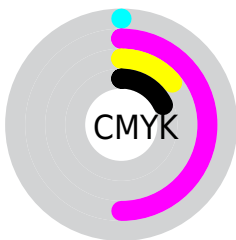
Distribution



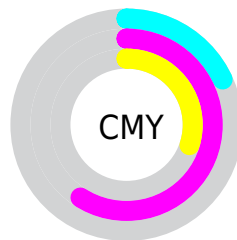
- Red (82%)
- Green (41%)
- Blue (70%)



- Red (82%)
- Yellow (41%)
- Blue (70%)



- Cyan (0%)
- Magenta (50%)
- Yellow (14%)
- Black (18%)





- Cyan (18%)
- Magenta (59%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0999, 26.7274, 45.2176 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 39.0999, 26.7274, 45.2176 by changing the saturation by 10% instead.


 39.0999, 26.7274,
45.2176


 39.0999, 26.7274,
45.2176

333.5149,
286.3348, 383.8399

 27.0185, 17.3686,
31.2847


 73.0840, 54.4461,
84.3688


 17.7238, 10.4976,
20.5554


 95.7174, 73.5748,
110.4240

 10.8504, 5.7301,
12.6114


 122.5989, 96.7290,
141.3572

 6.0328, 2.6817,
7.0339

 154.0939,
124.2929, 177.5868

 2.9059, 0.9679,
3.4045

190.5676,
156.6511, 219.5313

 1.1042, 0.0000,
1.3047

232.3854,

 0.0286, 0.0000,

194.1879, 267.6093

0.0657

279.9127,
237.2876, 322.2393

■ 0.0000, 0.0000,
0.0000

■ 39.0999, 26.7274,
45.2176

■ 39.0999, 26.7274,
45.2176

■ 36.6398, 22.7589,
41.4623

■ 42.1066, 31.7452,
49.2881

■ 34.6849, 19.7590,
38.0061

■ 45.6923, 37.8779,
53.6857

■ 33.1921, 17.6411,
34.8331

■ 49.8897, 45.1899,
58.4229

■ 32.1091, 16.3017,
31.9241

■ 54.7284, 53.7399,
63.5114

■ 31.3457, 15.5607,
29.2472

■ 60.2359, 63.5824,
68.9619

■ 31.3117, 15.5297,
29.1220

■ 66.4381, 74.7688,
74.7846

■ 73.3597, 87.3476,
80.9890

■ 75.5646, 90.4468,
85.7649

■ 76.4133, 90.7863,
90.2338

Harmonies

Analogous

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



34.0182, 26.7274, 68.5073



39.0999, 26.7274, 45.2176



40.2215, 26.7274, 24.4658

Triad

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



39.0999, 26.7274, 45.2176



23.7286, 26.7274, 5.8618



16.6070, 26.7274, 57.6028

Complementary

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



39.0999, 26.7274, 45.2176



32.7560, 49.8652, 30.8223

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.



14.7617, 26.7274, 34.2889



39.0999, 26.7274, 45.2176



18.3819, 26.7274, 8.7421

Square

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



39.0999, 26.7274, 45.2176



30.5390, 26.7274, 6.7209



15.3497, 26.7274, 17.3576



20.8788, 26.7274, 77.5616

Rectangle

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



39.0999, 26.7274, 45.2176



38.4197, 26.7274, 15.2185



15.3497, 26.7274, 17.3576



15.7195, 26.7274, 49.5794

Sweetspot

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



39.1007, 26.7287, 45.2181



82.2961, 77.2800, 96.0545



26.2988, 19.7421, 62.0996



17.2728, 15.9382, 20.1958



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.



39.1007, 26.7287, 45.2181



58.0260, 35.9838, 65.6319



34.9165, 25.0550, 23.1844



12.1579, 11.9479, 14.1074



19.5589, 9.6964, 18.3812



1.1272, 0.5556, 1.2048

Inverse Universe

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



39.1007, 26.7287, 45.2181



58.0260, 35.9838, 65.6319



37.2119, 51.6475, 54.2868



12.1579, 11.9479, 14.1074



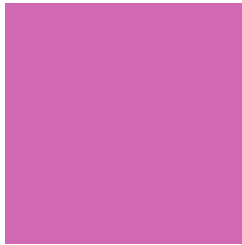
19.5589, 9.6964, 18.3812



1.1272, 0.5556, 1.2048

Previews

White Background



This preview shows how the XYZ color 39.0999, 26.7274, 45.2176 looks on a white background.

Color Contrast Check

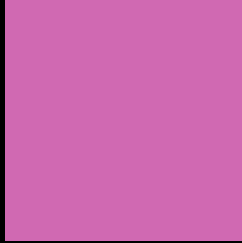
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.0999, 26.7274, 45.2176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

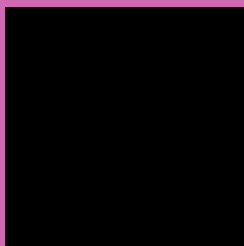
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.0999, 26.7274, 45.2176

Background



This preview shows how black text looks on a background with the XYZ color 39.0999, 26.7274, 45.2176.



This preview shows how white text looks on a background with the XYZ color 39.0999, 26.7274,

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

39.0999, 26.7274, 45.2176

Protanopia

28.1623, 27.1807, 60.8888

Deuteranopia

27.4942, 27.0192, 42.7959



Tritanopia

34.4201, 26.7598, 22.7531

Trichromacy



Original Color

39.0999, 26.7274, 45.2176



Protanomaly

30.5766, 25.8912, 55.0157



Deuteranomaly

30.7464, 26.2341, 43.4876



Tritanomaly

35.8410, 26.6612, 29.6427

Monochromacy



Original Color

39.0999, 26.7274, 45.2176



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

29.9197, 26.5811, 35.0062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0999, 26.7274, 45.2176 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(208, 105, 178)` looks like.

```
.text, #text, p{  
    color:rgb(208, 105, 178)  
}
```

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(208, 105, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 105, 178) }
```

Border

The CSS property to change the border of an element to XYZ 39.0999, 26.7274, 45.2176 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(208, 105, 178) }
```


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

```
.border{ border-color:rgb(208, 105, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 105, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 105, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 105, 178);  
box-shadow:4px 4px 4px 4px rgb(208, 105,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0999, 26.7274, 45.2176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 105, 178) }
```

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

```
.background{ background-color: rgb(208,  
105, 178) }
```

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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