

Converting Colors

XYZ(44.7548, 26.3882, 39.6696)

Have a look what the booklet for
XYZ(44.7548, 26.3882, 39.6696)
contains.

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Color

**XYZ(44.7889, 26.4236,
39.7854)**

Conversions

Conversions Part 1

Format	Color
Hex	ED4FA8
RGB	237, 79, 168
RGB Percent	93%, 31%, 66%
CMY	0.0706, 0.6902, 0.3412
CMYK	0.00, 0.67, 0.29, 0.07
HSL	326°, 81%, 62%
HSV	326°, 67%, 93%
XYZ	44.7889, 26.4236, 39.7854
YIQ	136.3880, 65.5990, 61.1750

Conversions

Conversions Part 2

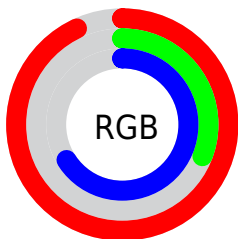
Format	Color
R _Y B	237, 79, 168
Decimal	15552424
CIE Lab	58.44, 68.24, -14.64
CIE LCh	58, 69.792, 347.888
Yxy	26.4236, 0.4035, 0.2381
Android (android.graphics.Color)	4293742504 (0xFFED4FA8)
YUV	136.3880, 15.5847, 88.2367
Hunter-Lab	51.4039, 65.5726, -9.9063

Details

The XYZ color **44.7889, 26.4236, 39.7854** 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 **38.8554, 64.3696, 38.3972**, and the grayscale version is **23.4746, 24.6971, 26.8952**.

A 20% lighter version of the original color is **63.6478, 44.7647, 75.0979**, and **21.2838, 10.6081, 17.4488** is the 20% darker color. If you saturate the color by 10%, you get **42.4475, 23.2230, 34.4352**, and if you desaturate by 10%, it is **47.8177, 30.8757, 45.7438**.

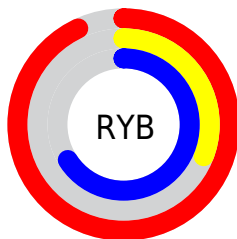
Distribution



Red (93%)

Green (31%)

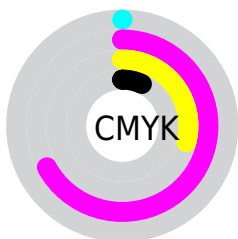
Blue (66%)



Red (93%)

Yellow (31%)

Blue (66%)

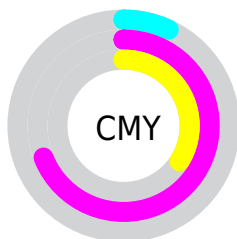


Cyan (0%)

Magenta (67%)

Yellow (29%)

Black (7%)



Cyan (7%)


Magenta (69%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.7889, 26.4236, 39.7854 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 44.7889, 26.4236, 39.7854 by changing the saturation by 10% instead.


 44.7889, 26.4236,
39.7854


 44.7889, 26.4236,
39.7854

356.7160,
284.8554, 360.7434


 31.4918, 17.1408,
27.0588


 81.6426, 53.9575,
76.0701


 21.1273, 10.3349,
17.3845


 105.9298, 72.9775,
100.4653

 13.3300, 5.6216,
10.3442

 134.6111, 96.0119,
129.5870

 7.7348, 2.6164,
5.5192

 168.0518,
123.4452, 163.8539

 3.9761, 0.9349,
2.4910

206.6173,
155.6618, 203.6844

 1.6886, 0.0000,
0.8354

250.6729,

 0.4491, 0.0000,

193.0461, 249.4972

0.0000

300.5840,
235.9825, 301.7106

■ 0.0000, 0.0000,
0.0000

■ 44.7889, 26.4236,
39.7854

■ 44.7889, 26.4236,
39.7854

■ 42.4475, 23.2230,
34.4352

■ 47.8177, 30.8757,
45.7438

■ 40.7212, 21.1326,
29.6599

■ 51.5913, 36.6922,
52.3376

■ 39.5227, 19.9809,
25.4213


■ 56.1637, 43.9780,
59.5930


■ 39.1931, 19.7117,
24.1090


■ 61.5829, 52.8263,
67.5340

■ 67.8928, 63.3228,
76.1831

 75.1343, 75.5469,
85.5613

 83.3458, 89.5726,
95.6888

 88.0670, 96.4773,
105.0859

 88.7351, 96.7446,
108.6045

Harmonies

Analogous

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



39.3405, 26.4236, 73.1189



44.7889, 26.4236, 39.7854



44.1631, 26.4236, 16.6275

Triad

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



44.7889, 26.4236, 39.7854



20.4095, 26.4236, 3.2314



15.6498, 26.4236, 79.5269

Complementary

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



44.7889, 26.4236, 39.7854



38.8554, 64.3696, 38.3972

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.



12.5239, 26.4236, 45.7307



44.7889, 26.4236, 39.7854



14.8131, 26.4236, 7.3784

Square

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



44.7889, 26.4236, 39.7854



28.7129, 26.4236, 2.9547



12.2569, 26.4236, 20.0036



21.8307, 26.4236, 103.3894

Rectangle

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



44.7889, 26.4236, 39.7854



40.3968, 26.4236, 8.5004



12.2569, 26.4236, 20.0036



14.2738, 26.4236, 68.2947

Sweetspot

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



44.7897, 26.4250, 39.7859



77.5018, 70.3133, 86.3733



30.2001, 17.9544, 81.9948



16.1375, 14.2994, 17.8697



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.



44.7897, 26.4250, 39.7859



49.2982, 26.3774, 38.5246



39.5478, 24.3282, 12.1823



15.4208, 15.1962, 17.5014



21.4651, 10.7887, 13.5162



1.7337, 0.8664, 1.3151

Inverse Universe

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



44.7897, 26.4250, 39.7859



49.2982, 26.3774, 38.5246



47.3012, 67.7479, 82.8719



15.4208, 15.1962, 17.5014



21.4651, 10.7887, 13.5162



1.7337, 0.8664, 1.3151

Previews

White Background



This preview shows how the XYZ color 44.7889, 26.4236, 39.7854 looks on a white background.

Color Contrast Check

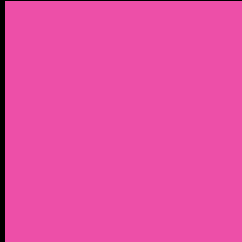
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.7889, 26.4236, 39.7854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

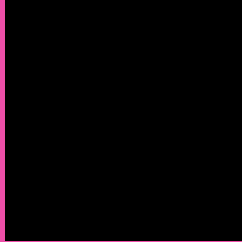
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.7889, 26.4236, 39.7854

Background



This preview shows how black text looks on a background with the XYZ color 44.7889, 26.4236, 39.7854.



This preview shows how white text looks on a background with the XYZ color 44.7889, 26.4236,

39.7854.

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

44.7889, 26.4236, 39.7854

Protanopia

28.1929, 26.8814, 65.3307

Deuteranopia

27.1449, 26.5404, 36.9498



Tritanopia

39.8599, 26.4809, 15.5808

Trichromacy



Original Color

44.7889, 26.4236, 39.7854



Protanomaly

30.7088, 24.1363, 54.6700



Deuteranomaly

31.4467, 24.7188, 37.7641



Tritanomaly

41.3537, 26.3111, 22.6376

Monochromacy



Original Color

44.7889, 26.4236, 39.7854



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

28.7096, 23.2838, 30.9980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7889, 26.4236, 39.7854 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(237, 79, 168)` looks like.

```
.text, #text, p{  
  color:rgb(237, 79, 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(237, 79, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 79, 168) }
```

Border

The CSS property to change the border of an element to XYZ 44.7889, 26.4236, 39.7854 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(237, 79, 168) }
```


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

```
.border{ border-color:rgb(237, 79, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 79, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 79, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 79, 168);  
box-shadow:4px 4px 4px 4px rgb(237, 79,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7889, 26.4236, 39.7854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 79, 168) }
```

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

```
.background{ background-color: rgb(237, 79,  
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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