

Converting Colors

XYZ(39.4322, 24.2706, 39.3835)

Have a look what the booklet for
XYZ(39.4322, 24.2706, 39.3835)
contains.

XYZ(39.3588, 24.1907, 39.1541)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.3588, 24.1907,
39.1541)**

Conversions

Conversions Part 1

Format	Color
Hex	DB54A7
RGB	219, 84, 167
RGB Percent	86%, 33%, 65%
CMY	0.1412, 0.6706, 0.3451
CMYK	0.00, 0.62, 0.24, 0.14
HSL	323°, 65%, 59%
HSV	323°, 62%, 86%
XYZ	39.3588, 24.1907, 39.1541
YIQ	133.8270, 53.8170, 54.4330

Conversions

Conversions Part 2

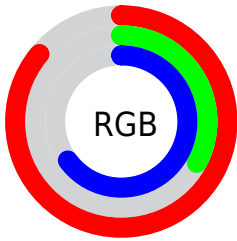
Format	Color
RYB	219, 84, 167
Decimal	14374055
CIELab	56.28, 61.14, -17.61
CIElCh	56, 63.622, 343.936
Yxy	24.1907, 0.3832, 0.2355
Android (android.graphics.Color)	4292564135 (0xFFDB54A7)
YUV	133.8270, 16.3543, 74.6967
Hunter-Lab	49.1840, 56.7699, -12.7704

Details

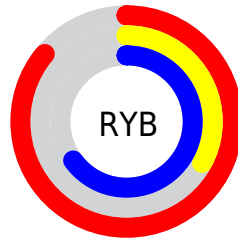
The XYZ color **39.3588, 24.1907, 39.1541** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **33.4328, 54.3262, 32.0190**, and the grayscale version is **22.5256, 23.6987, 25.8078**.

A 20% lighter version of the original color is **63.8029, 45.2901, 74.4863**, and **17.7922, 9.1123, 17.0408** is the 20% darker color. If you saturate the color by 10%, you get **37.1623, 21.0052, 34.6989**, and if you desaturate by 10%, it is **42.1389, 28.4614, 44.0553**.

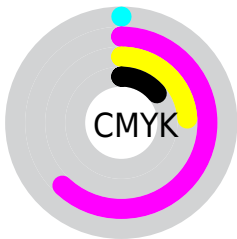
Distribution



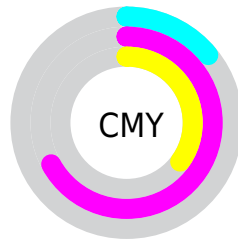
- Red (86%)
- Green (33%)
- Blue (65%)



- Red (86%)
- Yellow (33%)
- Blue (65%)



- Cyan (0%)
- Magenta (62%)
- Yellow (24%)
- Black (14%)





- Cyan (14%)
- Magenta (67%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3588, 24.1907, 39.1541 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 39.3588, 24.1907, 39.1541 by changing the saturation by 10% instead.

 39.3588, 24.1907,
39.1541


 39.3588, 24.1907,
39.1541


334.5945,
273.7832, 357.9907


 27.2209, 15.4751,
26.5709


 73.4767, 50.3412,
75.0966


 17.8767, 9.1535,
17.0216


 96.1874, 68.5450,
99.2930

 10.9606, 4.8415,
10.0878


 123.1532, 90.6802,
128.1975

 6.1075, 2.1545,
5.3508

 154.7393,
117.1314, 162.2286

 2.9518, 0.6950,
2.3922

191.3111,
148.2829, 201.8050

 1.1283, 0.0000,
0.7822

233.2340,

 0.0486, 0.0000,

184.5191, 247.3451

0.0000

280.8734,
226.2244, 299.2675

■ 0.0000, 0.0000,
0.0000

■ 39.3588, 24.1907,
39.1541

■ 39.3588, 24.1907,
39.1541

■ 37.1623, 21.0052,
34.6989

■ 42.1389, 28.4614,
44.0553

■ 35.4947, 18.7979,
30.6661

■ 45.5460, 33.9036,
49.4209

■ 34.2943, 17.4466,
27.0304

■ 49.6219, 40.5989,
55.2696

■ 33.5615, 16.7993,
24.2630

■ 54.4040, 48.6209,
61.6182

■ 59.9268, 58.0371,
68.4826

■ 66.2226, 68.9106,
75.8775

■ 73.3215, 81.3005,
83.8173

■ 79.8951, 92.5488,
91.8630

■ 81.1398, 93.0466,
98.4173

Harmonies

Analogous

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



34.2166, 24.1907, 67.3798



39.3588, 24.1907, 39.1541



39.5529, 24.1907, 17.7695

Triad

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



39.3588, 24.1907, 39.1541



19.7642, 24.1907, 3.3820



14.2674, 24.1907, 65.4171

Complementary

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



39.3588, 24.1907, 39.1541



33.4328, 54.3262, 32.0190

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.



11.8517, 24.1907, 37.2988



39.3588, 24.1907, 39.1541



14.5383, 24.1907, 6.6602

Square

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



39.3588, 24.1907, 39.1541



27.1148, 24.1907, 3.4816



11.9389, 24.1907, 16.6791



19.3108, 24.1907, 87.2352

Rectangle

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



39.3588, 24.1907, 39.1541



36.7713, 24.1907, 9.6273



11.9389, 24.1907, 16.6791



13.1740, 24.1907, 55.8896

Sweetspot

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



39.3595, 24.1919, 39.1546



79.3978, 73.0431, 90.2795



26.0706, 16.6699, 68.8617



16.5246, 14.8369, 18.7286



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.



39.3595, 24.1919, 39.1546



51.6816, 28.5819, 47.2183



34.6729, 22.3173, 14.4750



13.3908, 13.1854, 15.3190



19.9553, 9.9832, 14.6766



1.3344, 0.6634, 1.1701

Inverse Universe

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



39.3595, 24.1919, 39.1546



51.6816, 28.5819, 47.2183



39.7979, 56.8722, 65.5369



13.3908, 13.1854, 15.3190



19.9553, 9.9832, 14.6766



1.3344, 0.6634, 1.1701

Previews

White Background



This preview shows how the XYZ color 39.3588, 24.1907, 39.1541 looks on a white background.

Color Contrast Check

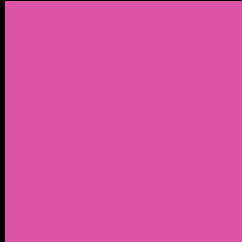
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.3588, 24.1907, 39.1541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

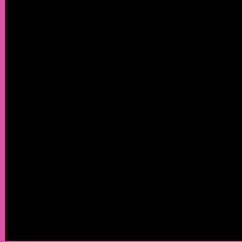
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.3588, 24.1907, 39.1541

Background



This preview shows how black text looks on a background with the XYZ color 39.3588, 24.1907, 39.1541.



This preview shows how white text looks on a background with the XYZ color 39.3588, 24.1907,

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

39.3588, 24.1907, 39.1541

Protanopia

25.7226, 24.4664, 59.8667

Deuteranopia

24.9130, 24.3590, 36.6464



Tritanopia

34.7949, 24.2604, 16.4845

Trichromacy



Original Color

39.3588, 24.1907, 39.1541



Protanomaly

28.0027, 22.4632, 51.5751



Deuteranomaly

28.6779, 23.1213, 37.6017



Tritanomaly

36.2179, 24.1628, 23.1771

Monochromacy



Original Color

39.3588, 24.1907, 39.1541



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 39.3588, 24.1907, 39.1541 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, 167) looks like.

```
.text, #text, p{  
    color:rgb(219, 84, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 84, 167) }
```

Border

The CSS property to change the border of an element to XYZ 39.3588, 24.1907, 39.1541 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, 167) }
```


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

```
.border{ border-color:rgb(219, 84, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 84, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 84, 167);  
box-shadow:4px 4px 4px 4px rgb(219, 84,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3588, 24.1907, 39.1541 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, 167) }
```

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

```
.background{ background-color: rgb(219, 84,  
167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor