

Converting Colors

XYZ(52.4841, 39.2731, 74.4388)

Have a look what the booklet for
XYZ(52.4841, 39.2731, 74.4388)
contains.

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Color

**XYZ(52.3707, 39.1651,
74.6114)**

Conversions

Conversions Part 1

Format	Color
Hex	DD8BDF
RGB	221, 139, 223
RGB Percent	87%, 55%, 87%
CMY	0.1333, 0.4549, 0.1255
CMYK	0.01, 0.38, 0.00, 0.13
HSL	299°, 57%, 71%
HSV	299°, 38%, 87%
XYZ	52.3707, 39.1651, 74.6114
YIQ	173.0940, 21.9080, 43.5080

Conversions

Conversions Part 2

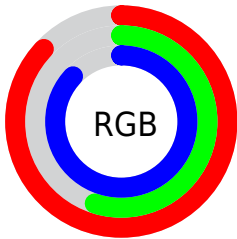
Format	Color
R _Y B	221, 139, 223
Decimal	14519263
CIE Lab	68.87, 44.09, -30.00
CIE LCh	69, 53.323, 325.770
Yxy	39.1651, 0.3152, 0.2357
Android (android.graphics.Color)	4292709343 (0xFFDD8BDF)
YUV	173.0940, 24.6037, 42.0136
Hunter-Lab	62.5820, 39.8561, -26.8792

Details

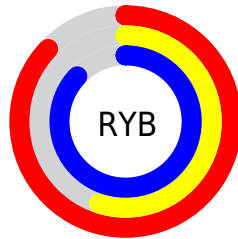
The XYZ color **52.3707, 39.1651, 74.6114** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **42.0337, 60.3031, 33.8523**, and the grayscale version is **39.6402, 41.7046, 45.4163**.

A 20% lighter version of the original color is **78.5818, 67.0636, 103.4106**, and **25.7859, 17.5361, 39.0715** is the 20% darker color. If you saturate the color by 10%, you get **49.3042, 33.2709, 73.6359**, and if you desaturate by 10%, it is **56.0988, 46.3801, 75.8081**.

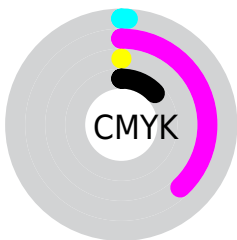
Distribution



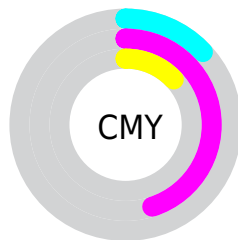
- Red (87%)
- Green (55%)
- Blue (87%)



- Red (87%)
- Yellow (55%)
- Blue (87%)



- Cyan (1%)
- Magenta (38%)
- Yellow (0%)
- Black (13%)





- Cyan (13%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3707, 39.1651, 74.6114 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 52.3707, 39.1651, 74.6114 by changing the saturation by 10% instead.


 52.3707, 39.1651,
74.6114

 52.3707, 39.1651,
74.6114


386.1665,
342.5919, 495.8006


 37.5261, 26.8882,
54.7948


 92.8487, 73.8905,
127.5042

 25.7906, 17.4893,
38.8400


 119.2128, 97.1077,
161.4174

 16.7989, 10.5839,
26.3284


 150.1475,
124.7405, 200.8666

 10.1857, 5.7878,
16.8415

186.0181,
157.1733, 246.2702

 5.5854, 2.7165,
9.9608

227.1899,
194.7904, 298.0469

 2.6329, 0.9856,
5.2677

274.0284,

 0.9628, 0.0000,

237.9763, 356.6152

2.3437

326.8988,
287.1153, 422.3935

■ 0.0000, 0.0000,
0.7555

■ 0.0000, 0.0000,
0.0000

■ 52.3707, 39.1651,
74.6114

■ 52.3707, 39.1651,
74.6114

■ 49.3042, 33.2709,
73.6359

■ 56.0988, 46.3801,
75.8081

■ 46.8552, 28.6116,
72.8656

■ 60.5215, 54.9845,
77.2358

■ 44.9802, 25.0997,
72.2866

■ 65.6743, 65.0483,
78.9067

■ 43.6285, 22.6335,
71.8818

■ 71.5891, 76.6354,
80.8315

42.7405, 21.0940,
71.6315

78.2960, 89.8058,
83.0202

42.2346, 20.3179,
71.5083

79.8776, 92.7248,
83.5003

42.1411, 20.1859,
71.4878

80.0426, 92.8099,
83.5080

80.2080, 92.8952,
83.5157

80.3740, 92.9807,
83.5235

Harmonies

Analogous

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



44.7601, 39.1651, 99.9113



52.3707, 39.1651, 74.6114



55.9331, 39.1651, 46.1765

Triad

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



52.3707, 39.1651, 74.6114



38.4390, 39.1651, 11.0011



24.4061, 39.1651, 66.2924

Complementary

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



52.3707, 39.1651, 74.6114



42.0337, 60.3031, 33.8523

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.



23.2370, 39.1651, 39.2967



52.3707, 39.1651, 74.6114



30.5873, 39.1651, 12.9315

Square

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



52.3707, 39.1651, 74.6114



47.1534, 39.1651, 14.5467



25.3236, 39.1651, 21.4281



28.7988, 39.1651, 93.9667

Rectangle

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



52.3707, 39.1651, 74.6114



55.1909, 39.1651, 31.1878



25.3236, 39.1651, 21.4281



23.6546, 39.1651, 56.6099

Sweetspot

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



52.3720, 39.1668, 74.6122



86.5002, 83.2644, 106.1203



33.6117, 30.1051, 73.8519



18.3078, 17.4180, 22.6470



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.



52.3720, 39.1668, 74.6122



67.7070, 46.7950, 100.0715



48.2961, 37.6072, 49.9525



14.2611, 13.9181, 17.3225



24.7926, 11.8764, 42.0340



1.7289, 0.8286, 2.9140

Inverse Universe

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



44.4730, 36.0780, 29.8207



55.6112, 42.0719, 31.1688



45.0925, 61.4877, 51.7181



13.7204, 13.7058, 14.2978



17.9161, 9.2335, 0.9582



1.2466, 0.6419, 0.0913

Previews

White Background



This preview shows how the XYZ color 52.3707, 39.1651, 74.6114 looks on a white background.

Color Contrast Check

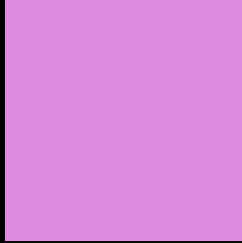
Large Text (above 18pt) WCAG AA × Fail

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 52.3707, 39.1651, 74.6114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

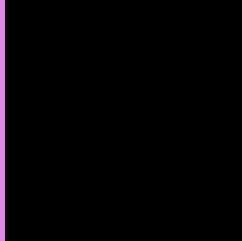
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3707, 39.1651, 74.6114

Background



This preview shows how black text looks on a background with the XYZ color 52.3707, 39.1651, 74.6114.



This preview shows how white text looks on a background with the XYZ color 52.3707, 39.1651,

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

52.3707, 39.1651, 74.6114

Protanopia

41.2930, 39.6437, 91.0636

Deuteranopia

40.2106, 39.2413, 71.7847



Tritanopia

45.2797, 39.2470, 39.8393

Trichromacy



Original Color

52.3707, 39.1651, 74.6114



Protanomaly

43.8234, 38.4910, 84.4766



Deuteranomaly

43.8628, 38.7680, 72.8813



Tritanomaly

47.5096, 38.9691, 50.9167

Monochromacy



Original Color

52.3707, 39.1651, 74.6114



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.3840, 40.1985, 54.7627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3707, 39.1651, 74.6114 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(221, 139, 223)` looks like.

```
.text, #text, p{  
    color:rgb(221, 139, 223)  
}
```

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(221, 139, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 139, 223) }
```

Border

The CSS property to change the border of an element to XYZ 52.3707, 39.1651, 74.6114 is called "border". The border property can be set on classes, ids or directly on the HTML element.

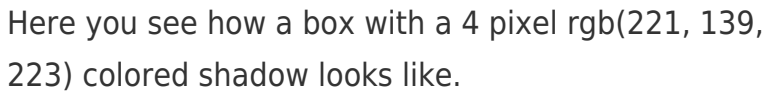
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 139, 223) }
```


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

```
.border{ border-color:rgb(221, 139, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(221, 139, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 139, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 139, 223); box-shadow:4px 4px 4px 4px rgb(221, 139, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3707, 39.1651, 74.6114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 139, 223) }
```

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

```
.background{ background-color: rgb(221,  
139, 223) }
```

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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