

Converting Colors

XYZ(50.3493, 38.9395, 73.2146)

Have a look what the booklet for
XYZ(50.3493, 38.9395, 73.2146)
contains.

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Color

**XYZ(50.3142, 39.0115,
73.2847)**

Conversions

Conversions Part 1

Format	Color
Hex	D58FDD
RGB	213, 143, 221
RGB Percent	84%, 56%, 87%
CMY	0.1647, 0.4392, 0.1333
CMYK	0.04, 0.35, 0.00, 0.13
HSL	294°, 53%, 71%
HSV	294°, 35%, 87%
XYZ	50.3142, 39.0115, 73.2847
YIQ	172.8220, 16.6820, 39.0980

Conversions

Conversions Part 2

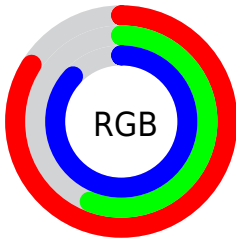
Format	Color
R _Y B	213, 143, 221
Decimal	13995997
CIE Lab	68.76, 39.13, -29.14
CIE LCh	69, 48.784, 323.328
Yxy	39.0115, 0.3094, 0.2399
Android (android.graphics.Color)	4292186077 (0xFFD58FDD)
YUV	172.8220, 23.7518, 35.2361
Hunter-Lab	62.4592, 34.4877, -25.8448

Details

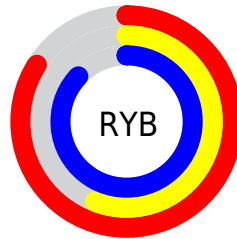
The XYZ color **50.3142, 39.0115, 73.2847** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **43.5781, 60.2763, 35.3261**, and the grayscale version is **39.5079, 41.5654, 45.2647**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **24.5286, 17.4034, 38.1428** is the 20% darker color. If you saturate the color by 10%, you get **46.6652, 32.6819, 72.2559**, and if you desaturate by 10%, it is **54.6284, 46.6563, 74.5335**.

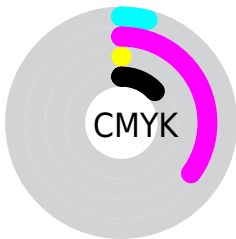
Distribution



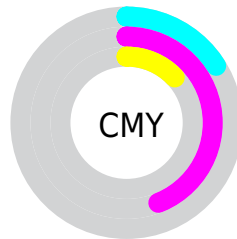
- Red (84%)
- Green (56%)
- Blue (87%)



- Red (84%)
- Yellow (56%)
- Blue (87%)



- Cyan (4%)
- Magenta (35%)
- Yellow (0%)
- Black (13%)





- Cyan (16%)
- Magenta (44%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3142, 39.0115, 73.2847 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 50.3142, 39.0115, 73.2847 by changing the saturation by 10% instead.


 50.3142, 39.0115,
73.2847


 50.3142, 39.0115,
73.2847

378.3251,
341.9394, 491.0982

 35.8819, 26.7687,
53.7156


 89.8293, 73.6559,
125.6060

 24.5127, 17.3996,
37.9827


 115.6428, 96.8262,
159.1951

 15.8412, 10.5198,
25.6675


145.9808,
124.4079, 198.2948

 9.5020, 5.7449,
16.3515

181.2086,
156.7852, 243.3233

 5.1297, 2.6906,
9.6162

221.6916,
194.3426, 294.6994

 2.3591, 0.9724,
5.0430

267.7951,

 0.8247, 0.0000,

237.4646, 352.8416

2.2133

319.8845,
286.5353, 418.1683

■ 0.0000, 0.0000,
0.6820

■ 0.0000, 0.0000,
0.0000

■ 50.3142, 39.0115,
73.2847

■ 50.3142, 39.0115,
73.2847

■ 46.6652, 32.6819,
72.2559

■ 54.6284, 46.6563,
74.5335

■ 43.6390, 27.5851,
71.4316


■ 59.6395, 55.6819,
76.0115


■ 41.1943, 23.6378,
70.7985


■ 65.3817, 66.1558,
77.7305


■ 39.2829, 20.7437,
70.3406


■ 71.8856, 78.1396,
79.7008


 37.8492, 18.7914,
70.0394


 79.1803, 91.6911,
81.9321


 36.8244, 17.6437,
69.8719

 80.3640, 93.0066,
82.1236

 36.4285, 17.2719,
69.8210

 81.0820, 93.3767,
82.1572

 81.8095, 93.7517,
82.1912

 82.5464, 94.1316,
82.2257

Harmonies

Analogous

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



43.2776, 39.0115, 94.7360



50.3142, 39.0115, 73.2847



53.8752, 39.0115, 47.6137

Triad

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



50.3142, 39.0115, 73.2847



38.8320, 39.0115, 12.6863



25.0440, 39.0115, 61.6470

Complementary

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



50.3142, 39.0115, 73.2847



43.5781, 60.2763, 35.3261

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.



24.1965, 39.0115, 37.7235



50.3142, 39.0115, 73.2847



31.5029, 39.0115, 14.1654

Square

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



50.3142, 39.0115, 73.2847



46.6766, 39.0115, 16.6776



26.3962, 39.0115, 21.7995



28.8969, 39.0115, 86.5469

Rectangle

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



50.3142, 39.0115, 73.2847



53.4920, 39.0115, 33.4059



26.3962, 39.0115, 21.7995



24.4225, 39.0115, 53.0571

Sweetspot

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



50.3155, 39.0132, 73.2855



85.6950, 82.8493, 106.0826



35.6249, 33.5508, 73.0055



18.1144, 17.3183, 22.6380



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.



50.3155, 39.0132, 73.2855



65.9381, 47.6044, 100.3210



49.0574, 38.7847, 54.2498



13.4760, 13.2035, 16.4904



21.2178, 10.0624, 40.5623



1.4133, 0.6719, 2.6296

Inverse Universe

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



45.2284, 37.2531, 34.0865



58.0622, 44.9076, 38.3559



44.7186, 60.5667, 48.8197



13.1100, 13.0731, 13.8407



17.4296, 8.9729, 1.3763



1.1480, 0.5888, 0.1883

Previews

White Background



This preview shows how the XYZ color 50.3142, 39.0115, 73.2847 looks on a white background.

Color Contrast Check

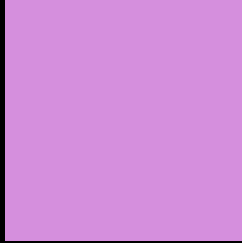
Large Text (above 18pt) WCAG AA × Fail

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 50.3142, 39.0115, 73.2847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

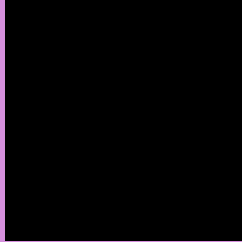
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.3142, 39.0115, 73.2847

Background



This preview shows how black text looks on a background with the XYZ color 50.3142, 39.0115, 73.2847.



This preview shows how white text looks on a background with the XYZ color 50.3142, 39.0115,

73.2847.

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

50.3142, 39.0115, 73.2847

Protanopia

40.7459, 39.4652, 86.3589

Deuteranopia

40.0801, 39.1891, 71.0975



Tritanopia

43.6154, 38.8435, 41.2752

Trichromacy



Original Color

50.3142, 39.0115, 73.2847



Protanomaly

43.3699, 38.8260, 81.5522



Deuteranomaly

43.0720, 38.6409, 71.5180



Tritanomaly

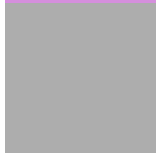
45.7817, 38.7678, 51.5243

Monochromacy



Original Color

50.3142, 39.0115, 73.2847



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

42.9536, 40.2497, 54.2203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3142, 39.0115, 73.2847 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(213, 143, 221)` looks like.

```
.text, #text, p{  
    color:rgb(213, 143, 221)  
}
```

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(213, 143, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 143, 221) }
```

Border

The CSS property to change the border of an element to XYZ 50.3142, 39.0115, 73.2847 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(213, 143, 221) }
```


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

```
.border{ border-color:rgb(213, 143, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 143, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 143, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 143, 221);  
box-shadow:4px 4px 4px 4px rgb(213, 143,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3142, 39.0115, 73.2847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 143, 221) }
```

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

```
.background{ background-color: rgb(213,  
143, 221) }
```

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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