

Converting Colors

XYZ(41.8069, 39.2854, 71.0250)

Have a look what the booklet for
XYZ(41.8069, 39.2854, 71.0250)
contains.

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Color

**XYZ(41.8069, 39.2854,
71.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A2D9
RGB	169, 162, 217
RGB Percent	66%, 64%, 85%
CMY	0.3372, 0.3647, 0.1490
CMYK	0.22, 0.25, 0.00, 0.15
HSL	248°, 42%, 74%
HSV	248°, 25%, 85%
XYZ	41.8069, 39.2854, 71.0250
YIQ	170.3630, -13.4830, 18.5890

Conversions

Conversions Part 2

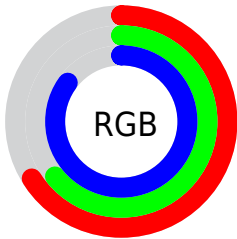
Format	Color
RYB	169, 162, 217
Decimal	11117273
CIELab	68.96, 14.06, -26.97
CIELCh	69, 30.417, 297.526
Yxy	39.2854, 0.2748, 0.2583
Android (android.graphics.Color)	4289307353 (0xFFA9A2D9)
YUV	170.3630, 22.9920, -1.1954
Hunter-Lab	62.6781, 9.3747, -23.3111

Details

The XYZ color **41.8069, 39.2854, 71.0250** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **57.9139, 65.9369, 43.8587**, and the grayscale version is **38.2842, 40.2780, 43.8627**.

A 20% lighter version of the original color is **73.9142, 72.8533, 104.7741**, and **19.3000, 17.4735, 36.5379** is the 20% darker color. If you saturate the color by 10%, you get **34.5365, 30.3449, 69.6832**, and if you desaturate by 10%, it is **50.3280, 49.8516, 72.6160**.

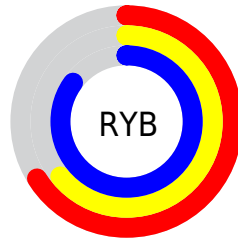
Distribution



Red (66%)

Green (64%)

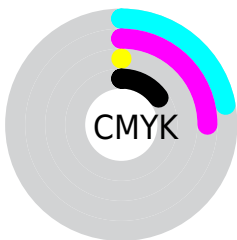
Blue (85%)



Red (66%)

Yellow (64%)

Blue (85%)

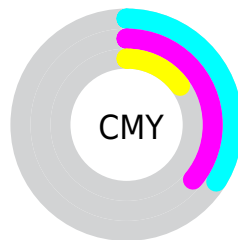


Cyan (22%)

Magenta (25%)

Yellow (0%)

Black (15%)



Cyan (34%)

Magenta (36%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8069, 39.2854, 71.0250 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 41.8069, 39.2854, 71.0250 by changing the saturation by 10% instead.

■ 41.8069, 39.2854,
71.0250

■ 41.8069, 39.2854,
71.0250

344.6871,
343.1024, 483.0268

■ 29.1406, 26.9818,
51.8806

■ 77.1743, 74.0741,
122.3641

■ 19.3320, 17.5596,
36.5284

■ 100.6061, 97.3280,
155.3959

■ 12.0158, 10.6343,
24.5496

128.3570,
125.0009, 193.8940

■ 6.8267, 5.8215,
15.5259

160.7925,
157.4770, 238.2769

■ 3.3993, 2.7368,
9.0386

198.2779,
195.1408, 288.9630

■ 1.3683, 0.9959,
4.6692

241.1786,

■ 0.2335, 0.0000,

238.3767, 346.3710

1.9992

289.8599,
287.5691, 410.9195

■ 0.0000, 0.0000,
0.5548

■ 0.0000, 0.0000,
0.0000

■ 41.8069, 39.2854,
71.0250

■ 41.8069, 39.2854,
71.0250

■ 34.5365, 30.3449,
69.6832

■ 50.3280, 49.8516,
72.6160

■ 28.4538, 22.9445,
68.5753

■ 60.1510, 62.1139,
74.4652

■ 23.4962, 16.9983,
67.6889

■ 71.3290, 76.1441,
76.5841

■ 19.5938, 12.4097,
67.0089

■ 83.9109, 92.0087,
78.9831

■ 16.6686, 9.0703,
66.5185

■ 89.5245, 97.7898,
79.8031

■ 14.6317, 6.8550,
66.1982

■ 13.3769, 5.6120,
66.0245

■ 12.9930, 5.2513,
65.9751

Harmonies

Analogous

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



36.9394, 39.2854, 75.3031



41.8069, 39.2854, 71.0250



45.7522, 39.2854, 58.7371

Triad

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



41.8069, 39.2854, 71.0250



42.5615, 39.2854, 24.0026



28.7938, 39.2854, 41.6352

Complementary

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



41.8069, 39.2854, 71.0250



57.9139, 65.9369, 43.8587

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.



30.0271, 39.2854, 30.0035



41.8069, 39.2854, 71.0250



37.7427, 39.2854, 21.2937

Square

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



41.8069, 39.2854, 71.0250



46.2136, 39.2854, 31.6040



33.2024, 39.2854, 23.2286



29.6812, 39.2854, 56.3100

Rectangle

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



41.8069, 39.2854, 71.0250



47.1812, 39.2854, 48.7929



33.2024, 39.2854, 23.2286



28.9716, 39.2854, 37.2737

Sweetspot

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



41.8082, 39.2870, 71.0259



82.6345, 84.4462, 106.5522



50.6167, 59.0739, 74.3809



17.2178, 17.4885, 22.7181



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.



41.8082, 39.2870, 71.0259



54.8672, 49.9814, 101.3633



48.1892, 42.5765, 71.3245



12.4919, 12.6962, 16.4444



7.9140, 3.2040, 39.9397



0.5643, 0.2342, 2.5899

Inverse Universe

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



53.1696, 45.2470, 66.9052



73.7819, 59.9089, 94.2729



50.8839, 62.3128, 43.5297



13.5393, 13.2448, 16.1014



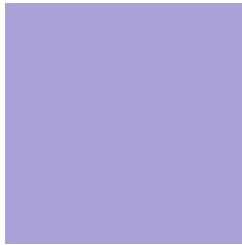
22.9352, 11.1751, 30.3682



1.5062, 0.7321, 2.0746

Previews

White Background



This preview shows how the XYZ color 41.8069, 39.2854, 71.0250 looks on a white background.

Color Contrast Check

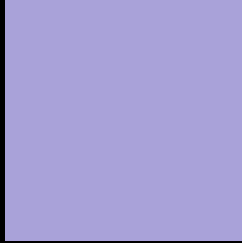
Large Text (above 18pt) WCAG AA × Fail

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 41.8069, 39.2854, 71.0250 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 41.8069, 39.2854, 71.0250

Background



This preview shows how black text looks on a background with the XYZ color 41.8069, 39.2854, 71.0250.



This preview shows how white text looks on a background with the XYZ color 41.8069, 39.2854,

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

41.8069, 39.2854, 71.0250

Protanopia

39.8809, 39.3098, 73.1957

Deuteranopia

40.1479, 39.2391, 70.4236



Tritanopia

37.5318, 39.4347, 49.8895

Trichromacy



Original Color

41.8069, 39.2854, 71.0250

Protanomaly

40.5394, 39.3957, 72.4853

Deuteranomaly

40.7744, 39.2953, 70.4015

Tritanomaly

39.0036, 39.2119, 57.1427

Monochromacy



Original Color

41.8069, 39.2854, 71.0250

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.3659, 39.7713, 52.6155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8069, 39.2854, 71.0250 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(169, 162, 217)` looks like.

```
.text, #text, p{  
    color:rgb(169, 162, 217)  
}
```

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(169, 162, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 162, 217) }
```

Border

The CSS property to change the border of an element to XYZ 41.8069, 39.2854, 71.0250 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(169, 162, 217) }
```


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

```
.border{ border-color:rgb(169, 162, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 162, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 162, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 162, 217);  
box-shadow:4px 4px 4px 4px rgb(169, 162,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8069, 39.2854, 71.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 162, 217) }
```

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

```
.background{ background-color: rgb(169,  
162, 217) }
```

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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