

Converting Colors

XYZ(49.9202, 38.8837, 71.0557)

Have a look what the booklet for
XYZ(49.9202, 38.8837, 71.0557)
contains.

XYZ(49.9179, 38.8530, 71.1981)	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(49.9179, 38.8530,
71.1981)**

Conversions

Conversions Part 1

Format	Color
Hex	D58FDA
RGB	213, 143, 218
RGB Percent	84%, 56%, 85%
CMY	0.1647, 0.4392, 0.1451
CMYK	0.02, 0.34, 0.00, 0.15
HSL	296°, 50%, 71%
HSV	296°, 34%, 85%
XYZ	49.9179, 38.8530, 71.1981
YIQ	172.4800, 17.6450, 38.1650

Conversions

Conversions Part 2

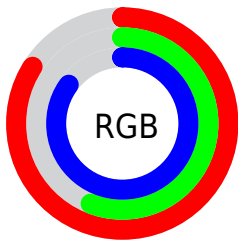
Format	Color
RYB	213, 143, 218
Decimal	13995994
CIELab	68.64, 38.56, -27.65
CIELCh	69, 47.450, 324.352
Yxy	38.8530, 0.3120, 0.2429
Android (android.graphics.Color)	4292186074 (0xFFD58FDA)
YUV	172.4800, 22.4414, 35.5360
Hunter-Lab	62.3322, 33.8681, -24.0907

Details

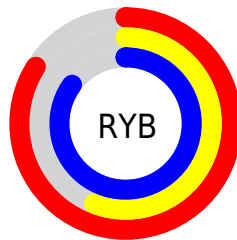
The XYZ color **49.9179, 38.8530, 71.1981** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.2434, 58.4229, 35.0388**, and the grayscale version is **39.3405, 41.3892, 45.0729**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **24.2566, 17.2946, 36.7101** is the 20% darker color. If you saturate the color by 10%, you get **46.5386, 32.7165, 70.1923**, and if you desaturate by 10%, it is **53.9394, 46.2666, 72.4177**.

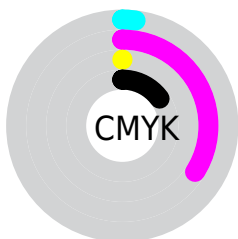
Distribution



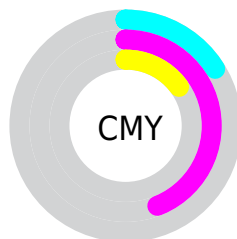
- Red (84%)
- Green (56%)
- Blue (85%)



- Red (84%)
- Yellow (56%)
- Blue (85%)



- Cyan (2%)
- Magenta (34%)
- Yellow (0%)
- Black (15%)





- Cyan (16%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.9179, 38.8530, 71.1981 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 49.9179, 38.8530, 71.1981 by changing the saturation by 10% instead.

 49.9179, 38.8530,
71.1981


 49.9179, 38.8530,
71.1981


376.8021,
341.2651, 483.6480

 35.5657, 26.6454,
52.0211


 89.2458, 73.4137,
122.6128

 24.2675, 17.3071,
36.6395


 114.9522, 96.5356,
155.6876

 15.6580, 10.4537,
24.6349


145.1740,
124.0643, 194.2320

 9.3718, 5.7008,
15.5887

180.2766,
156.3844, 238.6647

 5.0435, 2.6640,
9.0824

220.6253,
193.8801, 289.4040

 2.3078, 0.9589,
4.6974

266.5856,

 0.7987, 0.0000,

236.9358, 346.8687

2.0152

318.5227,
285.9360, 411.4771

■ 0.0000, 0.0000,
0.5646

■ 0.0000, 0.0000,
0.0000

■ 49.9179, 38.8530,
71.1981

■ 49.9179, 38.8530,
71.1981

■ 46.5386, 32.7165,
70.1923

■ 53.9394, 46.2666,
72.4177

■ 43.7607, 27.7781,
69.3855

■ 58.6333, 55.0202,
73.8599

■ 41.5446, 23.9578,
68.7649

■ 64.0325, 65.1786,
75.5361

■ 39.8445, 21.1640,
68.3153

■ 70.1665, 76.8011,
77.4562

■ 38.6073, 19.2902,
68.0188

■ 77.0633, 89.9435,
79.6294

■ 37.7682, 18.2072,
67.8540

■ 78.4538, 92.0676,
79.9661

■ 37.4114, 17.8244,
67.7989

■ 78.9001, 92.2977,
79.9870

■ 79.3503, 92.5297,
80.0081

■ 79.8043, 92.7638,
80.0293

Harmonies

Analogous

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



43.1940, 38.8530, 92.1319



49.9179, 38.8530, 71.1981



53.2027, 38.8530, 46.4967

Triad

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



49.9179, 38.8530, 71.1981



38.3649, 38.8530, 13.0941



25.2961, 38.8530, 61.7023

Complementary

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



49.9179, 38.8530, 71.1981



42.2434, 58.4229, 35.0388

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.



24.3660, 38.8530, 38.3718



49.9179, 38.8530, 71.1981



31.3004, 38.8530, 14.7474

Square

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



49.9179, 38.8530, 71.1981



45.9783, 38.8530, 16.8518



26.4141, 38.8530, 22.5246



29.1518, 38.8530, 85.4757

Rectangle

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



49.9179, 38.8530, 71.1981



52.7198, 38.8530, 32.8781



26.4141, 38.8530, 22.5246



24.6549, 38.8530, 53.3793

Sweetspot

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



49.9192, 38.8547, 71.1989



86.8252, 84.4747, 106.3368



34.5741, 32.0833, 70.7007



18.3549, 17.6501, 22.6894



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.



49.9192, 38.8547, 71.1989



67.7505, 49.1386, 100.5216



47.5470, 38.0760, 51.0210



13.5242, 13.2284, 16.4927



22.4496, 10.6974, 40.6200



1.4807, 0.7066, 2.6328

Inverse Universe

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



44.0825, 36.6902, 32.7772



58.3400, 45.6653, 37.8258



44.1875, 59.0983, 49.8952



13.0911, 13.0655, 13.7408



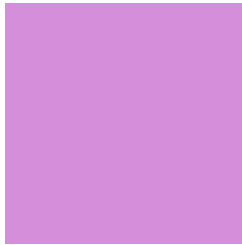
17.3859, 8.9554, 1.1461



1.1390, 0.5852, 0.1408

Previews

White Background



This preview shows how the XYZ color 49.9179, 38.8530, 71.1981 looks on a white background.

Color Contrast Check

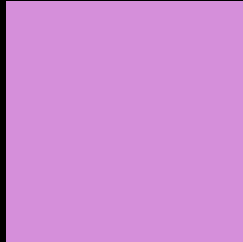
Large Text (above 18pt) WCAG AA × Fail

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 49.9179, 38.8530, 71.1981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

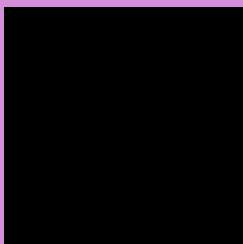
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.9179, 38.8530, 71.1981

Background



This preview shows how black text looks on a background with the XYZ color 49.9179, 38.8530, 71.1981.



This preview shows how white text looks on a background with the XYZ color 49.9179, 38.8530,

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

49.9179, 38.8530, 71.1981

Protanopia

40.4832, 39.1115, 84.0128

Deuteranopia

40.0899, 39.2389, 69.0792



Tritanopia

43.8007, 38.9496, 40.8068

Trichromacy



Original Color

49.9179, 38.8530, 71.1981



Protanomaly

42.9944, 38.4290, 79.2802



Deuteranomaly

42.9131, 38.6039, 69.4795



Tritanomaly

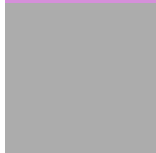
45.8526, 38.8287, 50.4254

Monochromacy



Original Color

49.9179, 38.8530, 71.1981



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

42.4237, 39.7287, 53.5765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9179, 38.8530, 71.1981 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(213, 143, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 143, 218) }
```

Border

The CSS property to change the border of an element to XYZ 49.9179, 38.8530, 71.1981 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, 218) }
```


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

```
.border{ border-color:rgb(213, 143, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 143, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 143, 218);  
box-shadow:4px 4px 4px 4px rgb(213, 143,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9179, 38.8530, 71.1981 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, 218) }
```

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

```
.background{ background-color: rgb(213,  
143, 218) }
```

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