

Converting Colors

XYZ(44.1986, 39.1450, 75.0382)

Have a look what the booklet for
XYZ(44.1986, 39.1450, 75.0382)
contains.

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Color

**XYZ(44.1986, 39.1450,
75.0382)**

Conversions

Conversions Part 1

Format	Color
Hex	B49DDF
RGB	180, 157, 223
RGB Percent	71%, 62%, 87%
CMY	0.2941, 0.3843, 0.1255
CMYK	0.19, 0.30, 0.00, 0.13
HSL	261°, 51%, 75%
HSV	261°, 30%, 87%
XYZ	44.1986, 39.1450, 75.0382
YIQ	171.4010, -7.4780, 25.4020

Conversions

Conversions Part 2

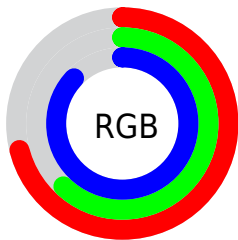
Format	Color
RYB	180, 157, 223
Decimal	11836895
CIELab	68.86, 21.61, -30.36
CIELCh	69, 37.263, 305.448
Yxy	39.1450, 0.2791, 0.2472
Android (android.graphics.Color)	4290026975 (0xFFB49DDF)
YUV	171.4010, 25.4383, 7.5413
Hunter-Lab	62.5660, 16.6077, -27.3130

Details

The XYZ color **44.1986, 39.1450, 75.0382** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.2942, 67.4900, 41.9599**, and the grayscale version is **38.7901, 40.8102, 44.4423**.

A 20% lighter version of the original color is **76.5185, 72.3115, 104.5323**, and **20.8261, 17.5708, 39.3396** is the 20% darker color. If you saturate the color by 10%, you get **37.5577, 30.6233, 73.7440**, and if you desaturate by 10%, it is **51.8852, 49.2297, 76.5803**.

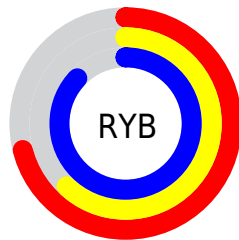
Distribution



Red (71%)

Green (62%)

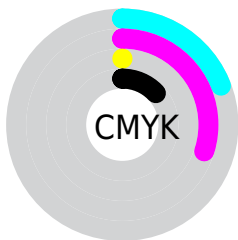
Blue (87%)



Red (71%)

Yellow (62%)

Blue (87%)

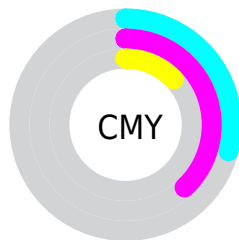


Cyan (19%)

Magenta (30%)

Yellow (0%)

Black (13%)



Cyan (29%)

Magenta (38%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1986, 39.1450, 75.0382 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 44.1986, 39.1450, 75.0382 by changing the saturation by 10% instead.

■ 44.1986, 39.1450,
75.0382

■ 44.1986, 39.1450,
75.0382

354.3566,
342.5066, 497.3078

■ 31.0253, 26.8725,
55.1423

■ 80.7610, 73.8598,
128.1140

■ 20.7700, 17.4775,
39.1163

■ 104.8808, 97.0709,
162.1310

■ 13.0675, 10.5755,
26.5417

133.3800,
124.6970, 201.6921

■ 7.5524, 5.7822,
16.9999

166.6242,
157.1225, 247.2158

■ 3.8592, 2.7131,
10.0725

204.9786,
194.7319, 299.1207

■ 1.6228, 0.9838,
5.3408

248.8085,

■ 0.4072, 0.0000,

237.9094, 357.8253

2.3864

298.4794,
287.0395, 423.7481

■ 0.0000, 0.0000,
0.7790

■ 0.0000, 0.0000,
0.0000

■ 44.1986, 39.1450,
75.0382

■ 44.1986, 39.1450,
75.0382

■ 37.5577, 30.6233,
73.7440

■ 51.8852, 49.2297,
76.5803

■ 31.9103, 23.5793,
72.6820

■ 60.6587, 60.9474,
78.3796

■ 27.2051, 17.9266,
71.8389

■ 70.5627, 74.3694,
80.4483

■ 23.3845, 13.5675,
71.1989

■ 81.6371, 89.5613,
82.7970

■ 20.3834, 10.3911,
70.7440

■ 89.4593, 97.6643,
83.9487

■ 18.1266, 8.2668,
70.4529

■ 90.3194, 98.1078,
83.9890

■ 16.4956, 6.9797,
70.2904

■ 16.4375, 6.9352,
70.2849

Harmonies

Analogous

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



38.2963, 39.1450, 83.9570



44.1986, 39.1450, 75.0382



48.5376, 39.1450, 57.6371

Triad

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



44.1986, 39.1450, 75.0382



42.1340, 39.1450, 19.3323



26.9953, 39.1450, 45.7897

Complementary

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



44.1986, 39.1450, 75.0382



56.2942, 67.4900, 41.9599

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.



27.7917, 39.1450, 30.4717



44.1986, 39.1450, 75.0382



36.1369, 39.1450, 17.7275

Square

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



44.1986, 39.1450, 75.0382



47.2599, 39.1450, 26.3870



30.9931, 39.1450, 21.2157



28.6900, 39.1450, 64.4375

Rectangle

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



44.1986, 39.1450, 75.0382



49.7320, 39.1450, 45.2594



30.9931, 39.1450, 21.2157



26.9827, 39.1450, 40.0896

Sweetspot

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



44.1999, 39.1466, 75.0391



82.8720, 83.4949, 106.3561



48.1119, 54.2704, 77.7521



17.3422, 17.3389, 22.6827



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.



44.1999, 39.1466, 75.0391



53.7375, 45.1129, 100.4831



52.5288, 43.4403, 75.4289



13.4003, 13.4744, 17.2822



9.7754, 4.1347, 41.3312



0.7719, 0.3352, 2.8693

Inverse Universe

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



52.9150, 43.9737, 60.3441



67.6934, 52.8537, 76.4533



48.6232, 63.5355, 41.6009



14.0816, 13.8503, 16.1996



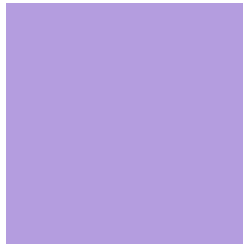
20.9668, 10.4537, 17.0229



1.4951, 0.7413, 1.4001

Previews

White Background



This preview shows how the XYZ color 44.1986, 39.1450, 75.0382 looks on a white background.

Color Contrast Check

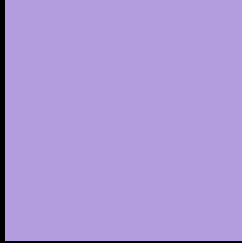
Large Text (above 18pt) WCAG AA × Fail

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 44.1986, 39.1450, 75.0382 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 44.1986, 39.1450, 75.0382

Background



This preview shows how black text looks on a background with the XYZ color 44.1986, 39.1450, 75.0382.



This preview shows how white text looks on a background with the XYZ color 44.1986, 39.1450,

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

44.1986, 39.1450, 75.0382

Protanopia

40.3136, 39.3752, 80.3383

Deuteranopia

40.0238, 39.0993, 73.8440



Tritanopia

38.7862, 39.2978, 48.1888

Trichromacy



Original Color

44.1986, 39.1450, 75.0382

Protanomaly

41.4595, 39.2140, 78.0570

Deuteranomaly

41.4150, 39.0071, 74.4536

Tritanomaly

40.6267, 39.2485, 57.0642

Monochromacy



Original Color

44.1986, 39.1450, 75.0382

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.3860, 39.9888, 54.3052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1986, 39.1450, 75.0382 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(180, 157, 223)` looks like.

```
.text, #text, p{  
    color:rgb(180, 157, 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(180, 157, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 157, 223) }
```

Border

The CSS property to change the border of an element to XYZ 44.1986, 39.1450, 75.0382 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(180, 157, 223) }
```


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

```
.border{ border-color:rgb(180, 157, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 157, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 157, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 157, 223);  
box-shadow:4px 4px 4px 4px rgb(180, 157,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1986, 39.1450, 75.0382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 157, 223) }
```

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

```
.background{ background-color: rgb(180,  
157, 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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