

Converting Colors

XYZ(46.1388, 39.6418, 73.8974)

Have a look what the booklet for
XYZ(46.1388, 39.6418, 73.8974)
contains.

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Color

**XYZ(46.0077, 39.6103,
73.6273)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9BDD
RGB	190, 155, 221
RGB Percent	75%, 61%, 87%
CMY	0.2549, 0.3921, 0.1333
CMYK	0.14, 0.30, 0.00, 0.13
HSL	272°, 49%, 74%
HSV	272°, 30%, 87%
XYZ	46.0077, 39.6103, 73.6273
YIQ	172.9890, -0.3260, 27.9460

Conversions

Conversions Part 2

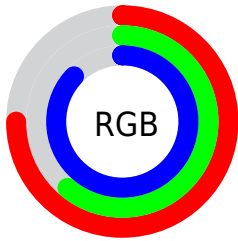
Format	Color
RYB	190, 155, 221
Decimal	12491741
CIELab	69.19, 25.38, -28.66
CIELCh	69, 38.287, 311.525
Yxy	39.6103, 0.2889, 0.2487
Android (android.graphics.Color)	4290681821 (0xFFBE9BDD)
YUV	172.9890, 23.6694, 14.9186
Hunter-Lab	62.9367, 20.3470, -25.3054

Details

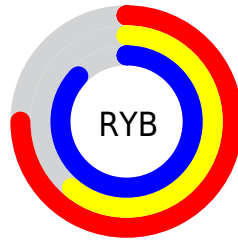
The XYZ color **46.0077, 39.6103, 73.6273** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.0238, 64.5195, 40.7237**, and the grayscale version is **39.5993, 41.6616, 45.3695**.

A 20% lighter version of the original color is **79.4544, 73.0873, 104.5273**, and **21.8865, 17.6879, 38.3370** is the 20% darker color. If you saturate the color by 10%, you get **40.1601, 31.6272, 72.3952**, and if you desaturate by 10%, it is **52.7157, 49.0380, 75.0941**.

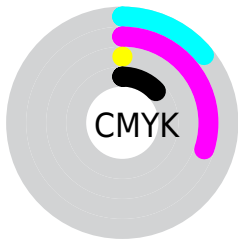
Distribution



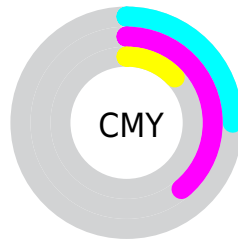
- Red (75%)
- Green (61%)
- Blue (87%)



- Red (75%)
- Yellow (61%)
- Blue (87%)



- Cyan (14%)
- Magenta (30%)
- Yellow (0%)
- Black (13%)



- Cyan (25%)
- Magenta (39%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.0077, 39.6103, 73.6273 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 46.0077, 39.6103, 73.6273 by changing the saturation by 10% instead.

46.0077, 39.6103,
73.6273

46.0077, 39.6103,
73.6273

361.5550,
344.4783, 492.3150

32.4565, 27.2348,
53.9941

83.4583, 74.5697,
126.0965

21.8677, 17.7497,
38.2038

108.0885, 97.9225,
159.7696

13.8758, 10.7704,
25.8378

137.1424,
125.7031, 198.9597

8.1154, 5.9127,
16.4777

170.9853,
158.2960, 244.0854

4.2213, 2.7920,
9.7048

209.9827,
196.0856, 295.5653

1.8281, 1.0242,
5.1006

254.4999,

0.5345, 0.0000,

239.4562, 353.8178

2.2467

304.9022,
288.7923, 419.2615

■ 0.0000, 0.0000,
0.7011

■ 0.0000, 0.0000,
0.0000

■ 46.0077, 39.6103,
73.6273

■ 46.0077, 39.6103,
73.6273

■ 40.1601, 31.6272,
72.3952

■ 52.7157, 49.0380,
75.0941

■ 35.1283, 25.0083,
71.3829

■ 60.3178, 59.9753,
76.8045

■ 30.8695, 19.6728,
70.5775

■ 68.8506, 72.4889,
78.7702

■ 27.3348, 15.5286,
69.9639

■ 78.3474, 86.6402,
81.0011

■ 24.4686, 12.4714,
69.5248

■ 85.3964, 95.6008,
82.3592

■ 22.2059, 10.3773,
69.2399

■ 89.0593, 97.4892,
82.5306

■ 20.4363, 9.0325,
69.0736

■ 90.0513, 98.0005,
82.5770

■ 20.4138, 9.0160,
69.0716

Harmonies

Analogous

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



40.0507, 39.6103, 85.3350



46.0077, 39.6103, 73.6273



49.9590, 39.6103, 54.7237

Triad

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



46.0077, 39.6103, 73.6273



41.5049, 39.6103, 18.3971



27.2481, 39.6103, 50.2245

Complementary

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



46.0077, 39.6103, 73.6273



52.0238, 64.5195, 40.7237

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.



27.5470, 39.6103, 33.2997



46.0077, 39.6103, 73.6273



35.3442, 39.6103, 17.8039

Square

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



46.0077, 39.6103, 73.6273



47.1712, 39.6103, 24.4110



30.3684, 39.6103, 22.4858



29.5021, 39.6103, 69.5746

Rectangle

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



46.0077, 39.6103, 73.6273



50.6904, 39.6103, 42.2374



30.3684, 39.6103, 22.4858



27.0605, 39.6103, 44.0328

Sweetspot

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



46.0090, 39.6119, 73.6282



84.3054, 84.2339, 106.4231



44.3193, 47.6888, 75.2762



17.6946, 17.5205, 22.6991



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.



46.0090, 39.6119, 73.6282



58.2999, 47.4649, 100.6966



54.4462, 43.9784, 73.2604



12.9946, 12.9553, 16.4679



11.9906, 5.3056, 40.1305



0.8760, 0.3949, 2.6045

Inverse Universe

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



50.4043, 42.3616, 51.9760



65.5521, 51.9972, 65.1771



45.3846, 61.0862, 40.8975



13.3093, 13.1528, 14.8901



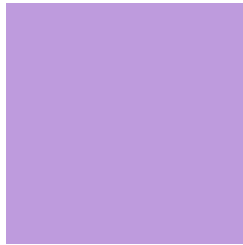
18.8242, 9.5307, 8.7201



1.2628, 0.6348, 0.7929

Previews

White Background



This preview shows how the XYZ color 46.0077, 39.6103, 73.6273 looks on a white background.

Color Contrast Check

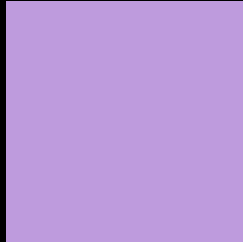
Large Text (above 18pt) WCAG AA × Fail

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 46.0077, 39.6103, 73.6273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

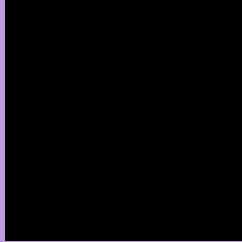
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.0077, 39.6103, 73.6273

Background



This preview shows how black text looks on a background with the XYZ color 46.0077, 39.6103, 73.6273.



This preview shows how white text looks on a background with the XYZ color 46.0077, 39.6103,

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

46.0077, 39.6103, 73.6273

Protanopia

40.8641, 39.9299, 80.4164

Deuteranopia

40.7205, 39.7578, 72.5457



Tritanopia

40.6404, 39.7528, 46.6054

Trichromacy



Original Color

46.0077, 39.6103, 73.6273

Protanomaly

42.4794, 39.7398, 78.1047

Deuteranomaly

42.4162, 39.5540, 73.1093

Tritanomaly

42.5090, 39.7346, 55.2983

Monochromacy



Original Color

46.0077, 39.6103, 73.6273

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.5209, 40.5738, 54.3583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0077, 39.6103, 73.6273 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(190, 155, 221)` looks like.

```
.text, #text, p{  
    color:rgb(190, 155, 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(190, 155, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 155, 221) }
```

Border

The CSS property to change the border of an element to XYZ 46.0077, 39.6103, 73.6273 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(190, 155, 221) }
```


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

```
.border{ border-color:rgb(190, 155, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 155, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 155, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 155, 221);  
box-shadow:4px 4px 4px 4px rgb(190, 155,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0077, 39.6103, 73.6273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 155, 221) }
```

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

```
.background{ background-color: rgb(190,  
155, 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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