

Converting Colors

XYZ(39.0873, 36.4974, 64.0161)

Have a look what the booklet for
XYZ(39.0873, 36.4974, 64.0161)
contains.

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Color

**XYZ(39.0873, 36.4974,
64.0161)**

Conversions

Conversions Part 1

Format	Color
Hex	A79CCF
RGB	167, 156, 207
RGB Percent	65%, 61%, 81%
CMY	0.3451, 0.3882, 0.1882
CMYK	0.19, 0.25, 0.00, 0.19
HSL	253°, 35%, 71%
HSV	253°, 25%, 81%
XYZ	39.0873, 36.4974, 64.0161
YIQ	165.1030, -9.8150, 18.1930

Conversions

Conversions Part 2

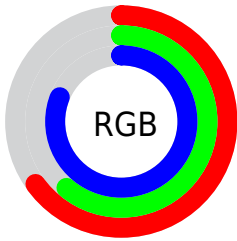
Format	Color
R_{YB}	167, 156, 207
Decimal	10984655
CIE _{Lab}	66.90, 14.50, -24.62
CIE _{LCh}	67, 28.574, 300.500
Yxy	36.4974, 0.2800, 0.2614
Android (android.graphics.Color)	4289174735 (0xFFA79CCF)
YUV	165.1030, 20.6552, 1.6637
Hunter-Lab	60.4131, 9.7667, -20.5369

Details

The XYZ color **39.0873, 36.4974, 64.0161** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.0797, 58.7626, 40.1042**, and the grayscale version is **35.7219, 37.5823, 40.9271**.

A 20% lighter version of the original color is **71.7757, 69.4965, 104.2389**, and **17.7408, 15.9805, 32.2865** is the 20% darker color. If you saturate the color by 10%, you get **32.6882, 28.4748, 62.8054**, and if you desaturate by 10%, it is **46.5113, 45.9288, 65.4459**.

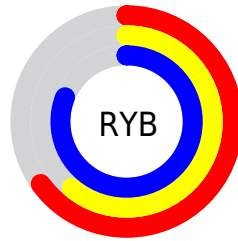
Distribution



Red (65%)

Green (61%)

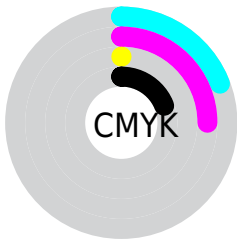
Blue (81%)



Red (65%)

Yellow (61%)

Blue (81%)

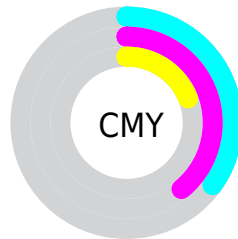


Cyan (19%)

Magenta (25%)

Yellow (0%)

Black (19%)



Cyan (35%)

Magenta (39%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0873, 36.4974, 64.0161 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 39.0873, 36.4974, 64.0161 by changing the saturation by 10% instead.

■ 39.0873, 36.4974,
64.0161

■ 39.0873, 36.4974,
64.0161

333.4623,
331.1294, 457.4568

■ 27.0087, 24.8186,
46.2174

■ 73.0649, 69.7991,
112.2338

■ 17.7164, 15.9420,
32.0675

■ 95.6946, 92.1908,
143.4900

■ 10.8450, 9.4831,
21.1478

122.5719,
118.9222, 180.0690

■ 6.0292, 5.0576,
13.0398

154.0624,
150.3778, 222.3895

■ 2.9037, 2.2811,
7.3249

190.5313,
186.9419, 270.8700

■ 1.1030, 0.7637,
3.5846

232.3441,

■ 0.0277, 0.0000,

228.9989, 325.9290

1.4003

279.8659,
276.9333, 387.9851

■ 0.0000, 0.0000,
0.1420

■ 0.0000, 0.0000,
0.0000

■ 39.0873, 36.4974,
64.0161

■ 39.0873, 36.4974,
64.0161

■ 32.6882, 28.4748,
62.8054

■ 46.5113, 45.9288,
65.4459

■ 27.2645, 21.7883,
61.8007

■ 54.9997, 56.8281,
67.1023

■ 22.7681, 16.3655,
60.9910

■ 64.5940, 69.2564,
68.9955

■ 19.1448, 12.1251,
60.3635

■ 75.3326, 83.2699,
71.1344

■ 16.3347, 8.9763,
59.9038

■ 85.7981, 96.0145,
73.0427

■ 14.2700, 6.8143,
59.5953

■ 88.2626, 97.2850,
73.1581

■ 12.8703, 5.5132,
59.4179

■ 12.3292, 5.0549,
59.3580

Harmonies

Analogous

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



34.7624, 36.4974, 68.6547



39.0873, 36.4974, 64.0161



42.4488, 36.4974, 52.6691

Triad

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



39.0873, 36.4974, 64.0161



38.9512, 36.4974, 22.3954



27.0155, 36.4974, 39.9480

Complementary

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



39.0873, 36.4974, 64.0161



51.0797, 58.7626, 40.1042

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.



27.9389, 36.4974, 29.1206



39.0873, 36.4974, 64.0161



34.6171, 36.4974, 20.3533

Square

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



39.0873, 36.4974, 64.0161



42.3657, 36.4974, 28.8286



30.6349, 36.4974, 22.5377



28.0018, 36.4974, 53.1052

Rectangle

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



39.0873, 36.4974, 64.0161



43.5621, 36.4974, 43.8043



30.6349, 36.4974, 22.5377



27.1120, 36.4974, 35.9342

Sweetspot

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



39.0885, 36.4989, 64.0169



84.6532, 86.5760, 106.8569



44.8948, 51.4157, 66.5901



17.9363, 18.2954, 22.8360



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.



39.0885, 36.4989, 64.0169



56.5754, 50.8621, 101.4433



44.8144, 39.4507, 64.2849



11.3986, 11.5388, 14.8701



7.8339, 3.2188, 37.4009



0.5069, 0.2155, 2.0944

Inverse Universe

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



47.5855, 41.0293, 57.6373



72.7664, 59.5027, 88.9255



45.1747, 55.7185, 39.8278



12.1971, 11.9636, 14.3136



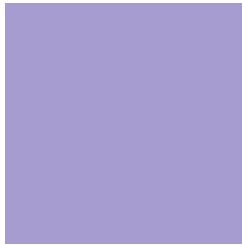
20.3774, 10.0238, 22.6915



1.1672, 0.5716, 1.4154

Previews

White Background



This preview shows how the XYZ color 39.0873, 36.4974, 64.0161 looks on a white background.

Color Contrast Check

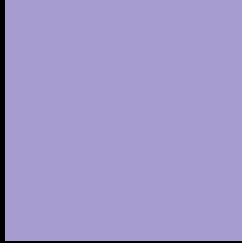
Large Text (above 18pt) WCAG AA × Fail

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 39.0873, 36.4974, 64.0161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

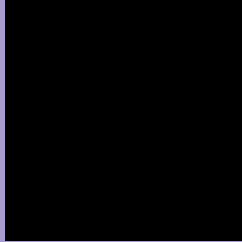
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0873, 36.4974, 64.0161

Background



This preview shows how black text looks on a background with the XYZ color 39.0873, 36.4974, 64.0161.



This preview shows how white text looks on a background with the XYZ color 39.0873, 36.4974,

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

39.0873, 36.4974, 64.0161

Protanopia

37.0804, 36.6769, 66.7530

Deuteranopia

37.4217, 36.6658, 63.4974



Tritanopia

35.3561, 36.5129, 45.7417

Trichromacy



Original Color

39.0873, 36.4974, 64.0161

Protanomaly

37.7413, 36.5173, 66.0321

Deuteranomaly

38.0359, 36.7261, 63.4767

Tritanomaly

36.6447, 36.5160, 52.1306

Monochromacy



Original Color

39.0873, 36.4974, 64.0161

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.8844, 37.2429, 48.4246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0873, 36.4974, 64.0161 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(167, 156, 207)` looks like.

```
.text, #text, p{  
    color:rgb(167, 156, 207)  
}
```

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(167, 156, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 156, 207) }
```

Border

The CSS property to change the border of an element to XYZ 39.0873, 36.4974, 64.0161 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(167, 156, 207) }
```


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

```
.border{ border-color:rgb(167, 156, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 156, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 156, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 156, 207);  
box-shadow:4px 4px 4px 4px rgb(167, 156,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0873, 36.4974, 64.0161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 156, 207) }
```

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

```
.background{ background-color: rgb(167,  
156, 207) }
```

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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