

Converting Colors

XYZ(39.7174, 36.7396, 79.1269)

Have a look what the booklet for
XYZ(39.7174, 36.7396, 79.1269)
contains.

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Color

**XYZ(39.7174, 36.7396,
79.1269)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9DE5
RGB	155, 157, 229
RGB Percent	61%, 62%, 90%
CMY	0.3921, 0.3843, 0.1020
CMYK	0.32, 0.31, 0.00, 0.10
HSL	238°, 59%, 75%
HSV	238°, 32%, 90%
XYZ	39.7174, 36.7396, 79.1269
YIQ	164.6100, -24.3040, 21.9680

Conversions

Conversions Part 2

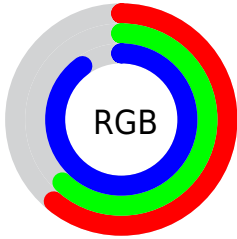
Format	Color
R_{YB}	155, 157, 229
Decimal	10198501
CIE _{Lab}	67.08, 15.70, -36.57
CIE _{LCh}	67, 39.797, 293.237
Yxy	36.7396, 0.2553, 0.2361
Android (android.graphics.Color)	4288388581 (0xFF9B9DE5)
YUV	164.6100, 31.7443, -8.4280
Hunter-Lab	60.6132, 10.8908, -34.9703

Details

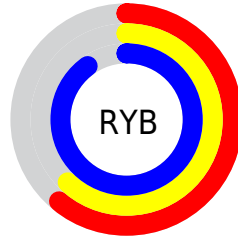
The XYZ color **39.7174, 36.7396, 79.1269** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **65.6996, 73.9639, 41.8256**, and the grayscale version is **35.4399, 37.2855, 40.6040**.

A 20% lighter version of the original color is **68.2082, 67.6574, 104.0720**, and **18.0637, 16.0919, 41.6892** is the 20% darker color. If you saturate the color by 10%, you get **32.3001, 27.8214, 77.7971**, and if you desaturate by 10%, it is **48.6581, 47.4650, 80.7265**.

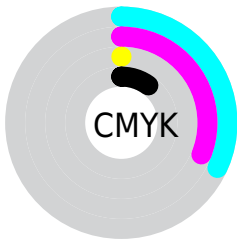
Distribution



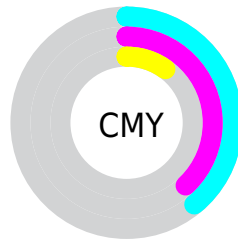
- Red (61%)
- Green (62%)
- Blue (90%)



- Red (61%)
- Yellow (62%)
- Blue (90%)



- Cyan (32%)
- Magenta (31%)
- Yellow (0%)
- Black (10%)



- Cyan (39%)
- Magenta (38%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7174, 36.7396, 79.1269 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 39.7174, 36.7396, 79.1269 by changing the saturation by 10% instead.

■ 39.7174, 36.7396,
79.1269

■ 39.7174, 36.7396,
79.1269

336.0859,
332.1818, 511.6145

■ 27.5015, 25.0059,
58.4782

■ 74.0201, 70.1721,
133.9378

■ 18.0888, 16.0815,
41.7760

■ 96.8375, 92.6397,
168.9371

■ 11.1138, 9.5818,
28.6017

123.9196,
119.4542, 209.5569

■ 6.2113, 5.1226,
18.5367

155.6316,
150.9997, 256.2160

■ 3.0159, 2.3194,
11.1626

192.3388,
187.6609, 309.3327

■ 1.1622, 0.7839,
6.0608

234.4068,

■ 0.0762, 0.0000,

229.8220, 369.3257

2.8127

282.2007,
277.8675, 436.6134

■ 0.0000, 0.0000,
0.9998

■ 0.0000, 0.0000,
0.0000

■ 39.7174, 36.7396,
79.1269

■ 39.7174, 36.7396,
79.1269

■ 32.3001, 27.8214,
77.7971

■ 48.6581, 47.4650,
80.7265

■ 26.3176, 20.6070,
76.7199

■ 59.1964, 60.0850,
82.6070

■ 21.6783, 14.9892,
75.8801

■ 71.4062, 74.6862,
84.7818

■ 18.2785, 10.8467,
75.2597

■ 85.3560, 91.3490,
87.2628

■ 15.9990, 8.0410,
74.8383

■ 91.1430, 98.4372,
88.3260

■ 14.6978, 6.4074,
74.5915

■ 14.2102, 5.7915,
74.4984

Harmonies

Analogous

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



33.5668, 36.7396, 83.0875



39.7174, 36.7396, 79.1269



45.1014, 36.7396, 63.4603

Triad

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



39.7174, 36.7396, 79.1269



42.3613, 36.7396, 18.7965



24.5879, 36.7396, 36.2039

Complementary

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



39.7174, 36.7396, 79.1269



65.6996, 73.9639, 41.8256

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.



26.3990, 36.7396, 23.1823



39.7174, 36.7396, 79.1269



36.3089, 36.7396, 15.1882

Square

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



39.7174, 36.7396, 79.1269



46.7470, 36.7396, 28.2379



30.5252, 36.7396, 16.5219



25.2775, 36.7396, 54.6523

Rectangle

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



39.7174, 36.7396, 79.1269



47.2953, 36.7396, 50.4104



30.5252, 36.7396, 16.5219



24.9167, 36.7396, 31.1370

Sweetspot

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



39.7187, 36.7410, 79.1278



78.8723, 80.6593, 106.0195



55.3387, 68.5284, 82.6472



16.4331, 16.7274, 22.6125



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.



39.7187, 36.7410, 79.1278



43.9407, 38.7778, 99.7767



46.9843, 39.9885, 79.3716



13.6139, 13.9492, 18.1193



8.1385, 3.3392, 42.5987



0.6125, 0.2689, 3.1516

Inverse Universe

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



50.1214, 42.5364, 37.4682



59.2451, 47.3630, 38.4743



56.3049, 69.9373, 41.5435



14.3927, 14.3743, 15.0024



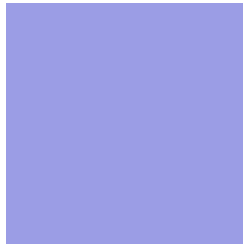
18.5015, 9.5348, 1.0038



1.3728, 0.7068, 0.1036

Previews

White Background



This preview shows how the XYZ color 39.7174, 36.7396, 79.1269 looks on a white background.

Color Contrast Check

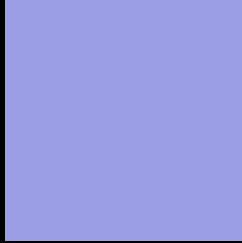
Large Text (above 18pt) WCAG AA × Fail

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 39.7174, 36.7396, 79.1269 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 39.7174, 36.7396, 79.1269

Background



This preview shows how black text looks on a background with the XYZ color 39.7174, 36.7396, 79.1269.



This preview shows how white text looks on a background with the XYZ color 39.7174, 36.7396,

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

39.7174, 36.7396, 79.1269

Protanopia

38.2949, 36.9787, 81.4632

Deuteranopia

37.7330, 36.7539, 78.5043



Tritanopia

33.5585, 36.8620, 48.5264

Trichromacy



Original Color

39.7174, 36.7396, 79.1269

Protanomaly

38.8487, 37.0221, 80.6997

Deuteranomaly

38.4285, 36.8540, 78.4869

Tritanomaly

35.5030, 36.5675, 58.6131

Monochromacy



Original Color

39.7174, 36.7396, 79.1269

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.6954, 37.0486, 52.7940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7174, 36.7396, 79.1269 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(155, 157, 229)` looks like.

```
.text, #text, p{  
    color:rgb(155, 157, 229)  
}
```

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(155, 157, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 157, 229) }
```

Border

The CSS property to change the border of an element to XYZ 39.7174, 36.7396, 79.1269 is called "border". The border property can be set on classes, ids or directly on the HTML element.

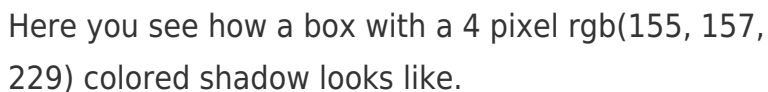
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 157, 229) }
```


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

```
.border{ border-color:rgb(155, 157, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 157, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 157, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 157, 229); box-shadow:4px 4px 4px 4px rgb(155, 157, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7174, 36.7396, 79.1269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 157, 229) }
```

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

```
.background{ background-color: rgb(155,  
157, 229) }
```

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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