

Converting Colors

XYZ(39.2174, 37.1440, 99.7103)

Have a look what the booklet for
XYZ(39.2174, 37.1440, 99.7103)
contains.

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Color

**XYZ(39.1070, 36.9948,
99.6873)**

Conversions

Conversions Part 1

Format	Color
Hex	7CA1FF
RGB	124, 161, 255
RGB Percent	49%, 63%, 100%
CMY	0.5137, 0.3686, 0.0000
CMYK	0.51, 0.37, 0.00, 0.00
HSL	223°, 100%, 74%
HSV	223°, 51%, 100%
XYZ	39.1070, 36.9948, 99.6873
YIQ	160.6530, -52.2260, 21.3900

Conversions

Conversions Part 2

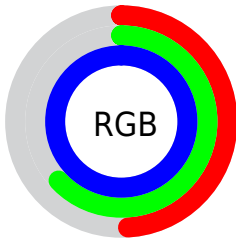
Format	Color
RYB	124, 153, 255
Decimal	8167935
CIELab	67.27, 12.95, -50.63
CIElCh	67, 52.259, 284.347
Yxy	36.9948, 0.2225, 0.2104
Android (android.graphics.Color)	4286358015 (0xFF7CA1FF)
YUV	160.6530, 46.5131, -32.1447
Hunter-Lab	60.8234, 8.3276, -54.5978

Details

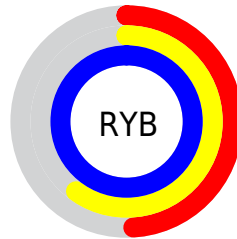
The XYZ color **39.1070, 36.9948, 99.6873** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **69.9508, 72.8600, 29.4473**, and the grayscale version is **33.5253, 35.2712, 38.4103**.

A 20% lighter version of the original color is **61.8789, 65.8882, 104.0641**, and **17.7556, 16.2532, 55.6274** is the 20% darker color. If you saturate the color by 10%, you get **32.9199, 29.4011, 98.5477**, and if you desaturate by 10%, it is **46.7173, 46.0179, 101.0278**.

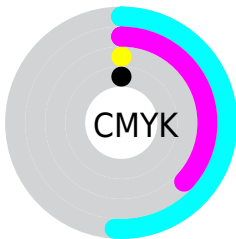
Distribution



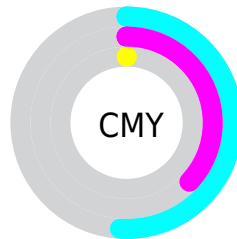
- Red (49%)
- Green (63%)
- Blue (100%)



- Red (49%)
- Yellow (60%)
- Blue (100%)



- Cyan (51%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1070, 36.9948, 99.6873 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 39.1070, 36.9948, 99.6873 by changing the saturation by 10% instead.

■ 39.1070, 36.9948,
99.6873

■ 39.1070, 36.9948,
99.6873

333.5445,
333.2880, 580.4278

■ 27.0241, 25.2035,
75.4240

■ 73.0948, 70.5648,
162.7755

■ 17.7280, 16.2287,
55.4565

■ 95.7303, 93.1122,
202.4375

■ 10.8534, 9.6861,
39.3663

■ 122.6142,
120.0138, 248.0695

■ 6.0349, 5.1914,
26.7347

154.1116,
151.6540, 300.0899

■ 2.9072, 2.3600,
17.1434

190.5880,
188.4171, 358.9175

■ 1.1049, 0.8052,
10.1738

232.4087,

■ 0.0292, 0.0000,

230.6875, 424.9706

5.4072

279.9391,
278.8497, 498.6678

■ 0.0000, 0.0000,
2.4252

■ 0.0000, 0.0000,
0.8001

■ 39.1070, 36.9948,
99.6873

■ 39.1070, 36.9948,
99.6873

■ 32.9199, 29.4011,
98.5477

■ 46.7173, 46.0179,
101.0278

■ 28.0567, 23.1540,
97.5982

■ 55.8329, 56.5394,
102.5782

■ 24.4109, 18.1668,
96.8277

■ 66.5341, 68.6278,
104.3475

■ 21.8551, 14.3389,
96.2235

■ 78.8941, 82.3462,
106.3440

■ 20.3686, 11.8572,
95.8229

■ 92.9814, 97.7539,
108.5755

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



31.1792, 36.9948, 99.2131



39.1070, 36.9948, 99.6873



47.0274, 36.9948, 80.6334

Triad

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



39.1070, 36.9948, 99.6873



47.3287, 36.9948, 16.6946



22.3502, 36.9948, 29.5406

Complementary

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



39.1070, 36.9948, 99.6873



69.9508, 72.8600, 29.4473

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.



25.4825, 36.9948, 16.3035



39.1070, 36.9948, 99.6873



39.4713, 36.9948, 11.0375

Square

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



39.1070, 36.9948, 99.6873



52.2392, 36.9948, 30.3355



31.4925, 36.9948, 10.9283



22.2832, 36.9948, 52.1926

Rectangle

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



39.1070, 36.9948, 99.6873



50.9033, 36.9948, 62.4814



31.4925, 36.9948, 10.9283



23.0555, 36.9948, 24.0819

Sweetspot

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



39.1083, 36.9960, 99.6875



74.2116, 77.1745, 105.5925



56.7129, 80.8615, 78.8695



15.3243, 15.8973, 22.5107



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.



39.1083, 36.9960, 99.6875



32.5756, 28.9688, 98.4824



38.2800, 28.3496, 98.0622



17.4207, 18.2130, 22.8472



10.7513, 6.4123, 50.1056



1.1347, 0.8001, 4.9079

Inverse Universe

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



54.8816, 38.2500, 38.2097



50.3544, 31.7305, 28.8858



70.9566, 89.2442, 32.5567



18.2202, 18.0714, 19.7769



22.2150, 11.3753, 4.5166



2.2074, 1.1253, 0.6733

Previews

White Background



This preview shows how the XYZ color 39.1070, 36.9948, 99.6873 looks on a white background.

Color Contrast Check

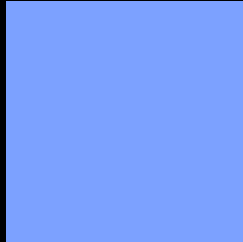
Large Text (above 18pt) WCAG AA × Fail

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 39.1070, 36.9948, 99.6873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

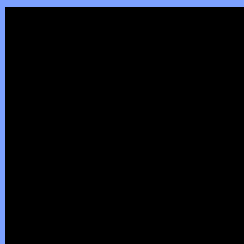
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

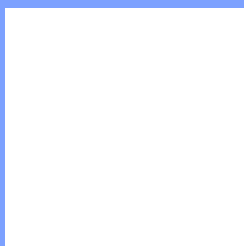
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1070, 36.9948, 99.6873

Background



This preview shows how black text looks on a background with the XYZ color 39.1070, 36.9948, 99.6873.



This preview shows how white text looks on a background with the XYZ color 39.1070, 36.9948,

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

39.1070, 36.9948, 99.6873

Protanopia

39.5135, 36.9645, 98.8182

Deuteranopia

38.2174, 37.0592, 99.7466



Tritanopia

29.9948, 37.1588, 53.7356

Trichromacy



Original Color

39.1070, 36.9948, 99.6873

Protanomaly

39.2126, 36.8094, 98.8041

Deuteranomaly

38.4415, 36.9122, 99.7064

Tritanomaly

32.8154, 36.8685, 68.3376

Monochromacy



Original Color

39.1070, 36.9948, 99.6873

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.8079, 35.7258, 56.6909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1070, 36.9948, 99.6873 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(124, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(124, 161, 255)  
}
```

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(124, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 161, 255) }
```

Border

The CSS property to change the border of an element to XYZ 39.1070, 36.9948, 99.6873 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(124, 161, 255) }
```


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

```
.border{ border-color:rgb(124, 161, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 161, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(124, 161,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1070, 36.9948, 99.6873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 161, 255) }
```

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

```
.background{ background-color: rgb(124,  
161, 255) }
```

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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