

Converting Colors

XYZ(39.4415, 37.1919, 77.0524)

Have a look what the booklet for
XYZ(39.4415, 37.1919, 77.0524)
contains.

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Color

**XYZ(39.4520, 37.1573,
77.0442)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9FE2
RGB	154, 159, 226
RGB Percent	60%, 62%, 89%
CMY	0.3961, 0.3765, 0.1137
CMYK	0.32, 0.30, 0.00, 0.11
HSL	236°, 55%, 75%
HSV	236°, 32%, 89%
XYZ	39.4520, 37.1573, 77.0442
YIQ	165.1430, -24.4870, 19.7770

Conversions

Conversions Part 2

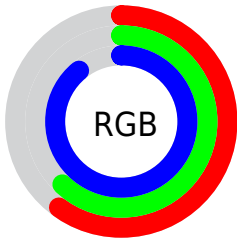
Format	Color
RYB	154, 159, 226
Decimal	10133474
CIELab	67.39, 13.51, -34.44
CIELCh	67, 36.993, 291.428
Yxy	37.1573, 0.2568, 0.2418
Android (android.graphics.Color)	4288323554 (0xFF9A9FE2)
YUV	165.1430, 30.0025, -9.7724
Hunter-Lab	60.9568, 8.8531, -32.2678

Details

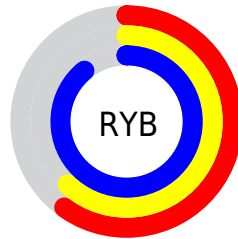
The XYZ color **39.4520, 37.1573, 77.0442** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **63.0539, 70.2153, 40.8028**, and the grayscale version is **35.7028, 37.5621, 40.9052**.

A 20% lighter version of the original color is **68.6749, 69.0148, 104.3094**, and **17.8738, 16.3367, 40.2415** is the 20% darker color. If you saturate the color by 10%, you get **32.2348, 28.5177, 75.7576**, and if you desaturate by 10%, it is **48.0968, 47.4477, 78.5755**.

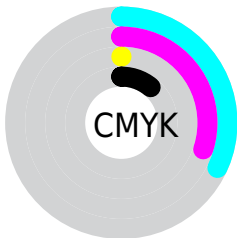
Distribution



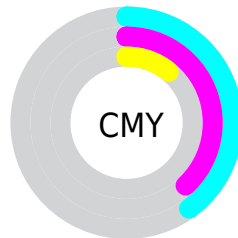
- Red (60%)
- Green (62%)
- Blue (89%)



- Red (60%)
- Yellow (62%)
- Blue (89%)



- Cyan (32%)
- Magenta (30%)
- Yellow (0%)
- Black (11%)



- Cyan (40%)
- Magenta (38%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4520, 37.1573, 77.0442 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 39.4520, 37.1573, 77.0442 by changing the saturation by 10% instead.

■ 39.4520, 37.1573,
77.0442

■ 39.4520, 37.1573,
77.0442

334.9826,
333.9910, 504.3564

■ 27.2938, 25.3293,
56.7774

■ 73.6180, 70.8146,
130.9755

■ 17.9318, 16.3226,
40.4184

■ 96.3565, 93.4128,
165.4770

■ 11.0004, 9.7527,
27.5486

123.3525,
120.3698, 205.5604

■ 6.1344, 5.2353,
17.7496

154.9714,
152.0700, 251.6444

■ 2.9684, 2.3860,
10.6028

191.5785,
188.8978, 304.1475

■ 1.1371, 0.8187,
5.6896

233.5391,

■ 0.0558, 0.0000,

231.2377, 363.4881

2.5916

281.2187,
279.4740, 430.0849

■ 0.0000, 0.0000,
0.8881

■ 0.0000, 0.0000,
0.0000

■ 39.4520, 37.1573,
77.0442

■ 39.4520, 37.1573,
77.0442

■ 32.2348, 28.5177,
75.7576

■ 48.0968, 47.4477,
78.5755

■ 26.3646, 21.4389,
74.7007

■ 58.2364, 59.4642,
80.3605

■ 21.7588, 15.8287,
73.8606

■ 69.9380, 73.2825,
82.4109

■ 18.3242, 11.5838,
73.2222

■ 83.2640, 88.9726,
84.7371

■ 15.9544, 8.5870,
72.7687

■ 90.7276, 98.2710,
86.1385

■ 14.5235, 6.7013,
72.4801

■ 13.9084, 5.8527,
72.3487

Harmonies

Analogous

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



33.7165, 37.1573, 79.8581



39.4520, 37.1573, 77.0442



44.5459, 37.1573, 63.2182

Triad

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



39.4520, 37.1573, 77.0442



42.5608, 37.1573, 20.6254



25.5950, 37.1573, 35.9798

Complementary

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



39.4520, 37.1573, 77.0442



63.0539, 70.2153, 40.8028

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.



27.4597, 37.1573, 23.9442



39.4520, 37.1573, 77.0442



36.9671, 37.1573, 16.7691

Square

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



39.4520, 37.1573, 77.0442



46.4702, 37.1573, 30.0884



31.4813, 37.1573, 17.7954



26.1083, 37.1573, 52.9722

Rectangle

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



39.4520, 37.1573, 77.0442



46.6938, 37.1573, 51.2409



31.4813, 37.1573, 17.7954



25.9566, 37.1573, 31.3050

Sweetspot

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



39.4533, 37.1587, 77.0451



79.1747, 81.2640, 106.1203



53.4420, 66.4309, 77.7166



16.5055, 16.8722, 22.6367



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.



39.4533, 37.1587, 77.0451



45.5947, 41.3481, 100.1856



45.0514, 38.7938, 77.0656



13.0281, 13.3953, 17.2866



7.9657, 3.4009, 41.2850



0.5794, 0.2902, 2.8707

Inverse Universe

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



49.1787, 41.7844, 38.2756



60.2600, 48.4583, 41.6934



55.7950, 68.4624, 40.8470



13.7457, 13.7159, 14.4308



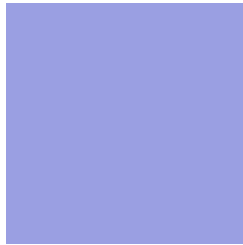
17.9609, 9.2514, 1.1940



1.2587, 0.6467, 0.1551

Previews

White Background



This preview shows how the XYZ color 39.4520, 37.1573, 77.0442 looks on a white background.

Color Contrast Check

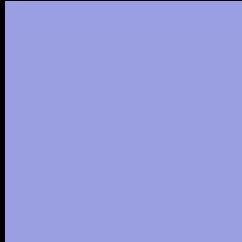
Large Text (above 18pt) WCAG AA × Fail

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 39.4520, 37.1573, 77.0442 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 39.4520, 37.1573, 77.0442

Background



This preview shows how black text looks on a background with the XYZ color 39.4520, 37.1573, 77.0442.



This preview shows how white text looks on a background with the XYZ color 39.4520, 37.1573,

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

39.4520, 37.1573, 77.0442

Protanopia

38.4255, 37.3714, 78.5869

Deuteranopia

38.0125, 37.2062, 76.4122



Tritanopia

33.8447, 37.2708, 49.1262

Trichromacy



Original Color

39.4520, 37.1573, 77.0442

Protanomaly

38.8227, 37.3317, 77.8326

Deuteranomaly

38.5482, 37.2219, 76.3870

Tritanomaly

35.7459, 37.2374, 58.1268

Monochromacy



Original Color

39.4520, 37.1573, 77.0442

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.7648, 37.3593, 52.2871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4520, 37.1573, 77.0442 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(154, 159, 226)` looks like.

```
.text, #text, p{  
    color:rgb(154, 159, 226)  
}
```

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(154, 159, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 159, 226) }
```

Border

The CSS property to change the border of an element to XYZ 39.4520, 37.1573, 77.0442 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(154, 159, 226) }
```


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

```
.border{ border-color:rgb(154, 159, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 159, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 159, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 159, 226);  
box-shadow:4px 4px 4px 4px rgb(154, 159,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4520, 37.1573, 77.0442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 159, 226) }
```

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

```
.background{ background-color: rgb(154,  
159, 226) }
```

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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