

Converting Colors

XYZ(39.4004, 37.2276, 82.9531)

Have a look what the booklet for
XYZ(39.4004, 37.2276, 82.9531)
contains.

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Color

**XYZ(39.4547, 37.2852,
82.9592)**

Conversions

Conversions Part 1

Format	Color
Hex	93A0EA
RGB	147, 160, 234
RGB Percent	58%, 63%, 92%
CMY	0.4235, 0.3725, 0.0823
CMYK	0.37, 0.32, 0.00, 0.08
HSL	231°, 67%, 75%
HSV	231°, 37%, 92%
XYZ	39.4547, 37.2852, 82.9592
YIQ	164.5490, -31.5020, 20.2580

Conversions

Conversions Part 2

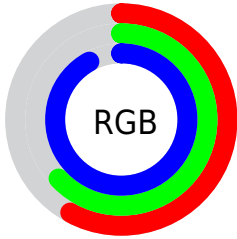
Format	Color
RYB	147, 158, 234
Decimal	9674986
CIELab	67.49, 13.11, -38.72
CIELCh	67, 40.880, 288.707
Yxy	37.2852, 0.2471, 0.2335
Android (android.graphics.Color)	4287865066 (0xFF93A0EA)
YUV	164.5490, 34.2393, -15.3905
Hunter-Lab	61.0616, 8.4792, -37.8091

Details

The XYZ color **39.4547, 37.2852, 82.9592** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **65.0556, 71.3130, 37.9412**, and the grayscale version is **35.4018, 37.2455, 40.5603**.

A 20% lighter version of the original color is **66.9790, 68.5174, 104.3027**, and **18.0187, 16.4788, 44.3505** is the 20% darker color. If you saturate the color by 10%, you get **32.4990, 28.9814, 81.7237**, and if you desaturate by 10%, it is **47.8188, 47.1365, 84.4205**.

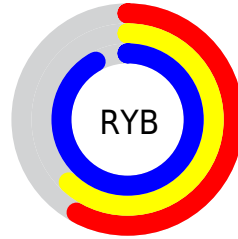
Distribution



Red (58%)

Green (63%)

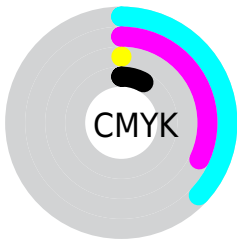
Blue (92%)



Red (58%)

Yellow (62%)

Blue (92%)

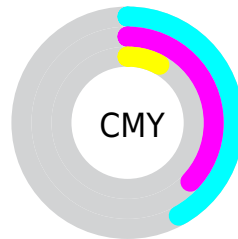


Cyan (37%)

Magenta (32%)

Yellow (0%)

Black (8%)



Cyan (42%)

Magenta (37%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4547, 37.2852, 82.9592 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 39.4547, 37.2852, 82.9592 by changing the saturation by 10% instead.

■ 39.4547, 37.2852,
82.9592

■ 39.4547, 37.2852,
82.9592

334.9938,
334.5436, 524.8180

■ 27.2960, 25.4284,
61.6161

■ 73.6221, 71.0112,
139.3670

■ 17.9334, 16.3965,
44.2888

■ 96.3614, 93.6492,
175.2688

■ 11.0015, 9.8052,
30.5587

123.3583,
120.6497, 216.8606

■ 6.1352, 5.2700,
20.0074

154.9781,
152.3971, 264.5609

■ 2.9689, 2.4065,
12.2163

191.5862,
189.2758, 318.7882

■ 1.1373, 0.8292,
6.7668

233.5480,

■ 0.0560, 0.0000,

231.6702, 379.9612

3.2405

281.2287,
279.9647, 448.4982

■ 0.0000, 0.0000,
1.2187

■ 0.0000, 0.0000,
0.0000

■ 39.4547, 37.2852,
82.9592

■ 39.4547, 37.2852,
82.9592

■ 32.4990, 28.9814,
81.7237

■ 47.8188, 47.1365,
84.4205

■ 26.8695, 22.1416,
80.7002

■ 57.6596, 58.6046,
86.1154

■ 22.4814, 16.6807,
79.8774

■ 69.0455, 71.7598,
88.0545

■ 19.2381, 12.5028,
79.2419

■ 82.0395, 86.6668,
90.2470

■ 17.0283, 9.4994,
78.7787

■ 91.8514, 98.7206,
92.0565

■ 15.7126, 7.5403,
78.4699

■ 15.4514, 7.1406,
78.4065

Harmonies

Analogous

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



33.1257, 37.2852, 84.8372



39.4547, 37.2852, 82.9592



45.3088, 37.2852, 67.9663

Triad

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



39.4547, 37.2852, 82.9592



44.0204, 37.2852, 19.7608



24.8657, 37.2852, 34.1939

Complementary

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



39.4547, 37.2852, 82.9592



65.0556, 71.3130, 37.9412

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.



27.1170, 37.2852, 21.7830



39.4547, 37.2852, 82.9592



37.8564, 37.2852, 15.2485

Square

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



39.4547, 37.2852, 82.9592



48.1522, 37.2852, 30.4838



31.7045, 37.2852, 15.8591



25.1862, 37.2852, 52.7314

Rectangle

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



39.4547, 37.2852, 82.9592



47.9239, 37.2852, 54.4969



31.7045, 37.2852, 15.8591



25.3350, 37.2852, 29.2881

Sweetspot

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



39.4560, 37.2866, 82.9601



78.3283, 80.7737, 106.0703



54.5010, 70.2674, 79.0631



16.3596, 16.8201, 22.6343



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.



39.4560, 37.2866, 82.9601



41.0315, 37.0655, 99.5995



43.5204, 36.2095, 82.5380



14.4128, 14.9121, 19.0409



8.7388, 4.1246, 44.0785



0.7422, 0.4358, 3.4799

Inverse Universe

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



50.7117, 40.8993, 38.4807



56.7744, 42.5372, 37.2941



59.4690, 73.7270, 38.7016



15.1572, 15.0907, 16.1130



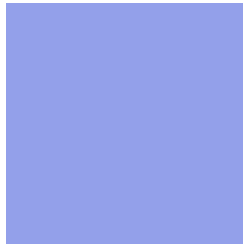
19.2662, 9.9092, 1.9374



1.5411, 0.7894, 0.3009

Previews

White Background



This preview shows how the XYZ color 39.4547, 37.2852, 82.9592 looks on a white background.

Color Contrast Check

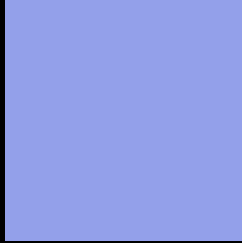
Large Text (above 18pt) WCAG AA × Fail

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 39.4547, 37.2852, 82.9592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

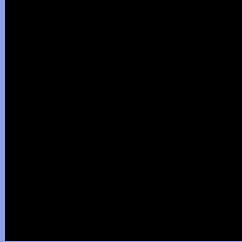
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4547, 37.2852, 82.9592

Background



This preview shows how black text looks on a background with the XYZ color 39.4547, 37.2852, 82.9592.



This preview shows how white text looks on a background with the XYZ color 39.4547, 37.2852,

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

39.4547, 37.2852, 82.9592

Protanopia

38.9002, 37.5015, 83.7855

Deuteranopia

38.1095, 37.1271, 82.2485



Tritanopia

32.9136, 37.3192, 50.2683

Trichromacy



Original Color

39.4547, 37.2852, 82.9592

Protanomaly

39.0680, 37.3275, 83.7431

Deuteranomaly

38.4374, 37.0357, 82.2135

Tritanomaly

34.9443, 37.0257, 61.1820

Monochromacy



Original Color

39.4547, 37.2852, 82.9592

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.4920, 37.1812, 53.9685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4547, 37.2852, 82.9592 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(147, 160, 234)` looks like.

```
.text, #text, p{  
    color:rgb(147, 160, 234)  
}
```

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(147, 160, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 160, 234) }
```

Border

The CSS property to change the border of an element to XYZ 39.4547, 37.2852, 82.9592 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(147, 160, 234) }
```


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

```
.border{ border-color:rgb(147, 160, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 160, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 160, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 160, 234);  
box-shadow:4px 4px 4px 4px rgb(147, 160,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4547, 37.2852, 82.9592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 160, 234) }
```

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

```
.background{ background-color: rgb(147,  
160, 234) }
```

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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