

Converting Colors

XYZ(39.2251, 37.8590, 95.9750)

Have a look what the booklet for
XYZ(39.2251, 37.8590, 95.9750)
contains.

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Color

**XYZ(39.2832, 37.9651,
95.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	7FA4FA
RGB	127, 164, 250
RGB Percent	50%, 64%, 98%
CMY	0.5019, 0.3569, 0.0196
CMYK	0.49, 0.34, 0.00, 0.02
HSL	222°, 92%, 74%
HSV	222°, 49%, 98%
XYZ	39.2832, 37.9651, 95.7000
YIQ	162.7410, -49.6580, 18.9020

Conversions

Conversions Part 2

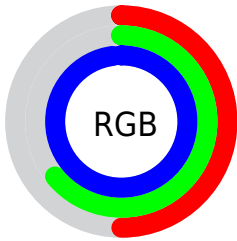
Format	Color
RYB	127, 155, 250
Decimal	8365306
CIELab	67.99, 10.40, -46.76
CIELCh	68, 47.902, 282.534
Yxy	37.9651, 0.2271, 0.2195
Android (android.graphics.Color)	4286555386 (0xFF7FA4FA)
YUV	162.7410, 43.0187, -31.3449
Hunter-Lab	61.6158, 5.9751, -48.9565

Details

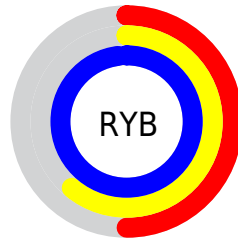
The XYZ color **39.2832, 37.9651, 95.7000** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **67.0511, 69.4472, 29.9513**, and the grayscale version is **34.5126, 36.3099, 39.5415**.

A 20% lighter version of the original color is **63.3891, 68.1973, 104.4302**, and **17.8455, 16.8538, 52.7646** is the 20% darker color. If you saturate the color by 10%, you get **33.0952, 30.4465, 94.5757**, and if you desaturate by 10%, it is **46.8276, 46.8225, 97.0128**.

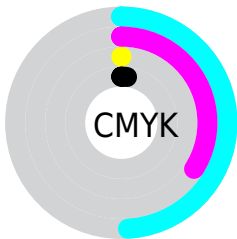
Distribution



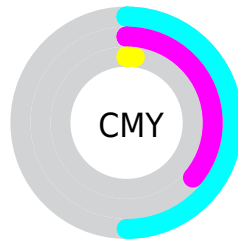
- Red (50%)
- Green (64%)
- Blue (98%)



- Red (50%)
- Yellow (61%)
- Blue (98%)



- Cyan (49%)
- Magenta (34%)
- Yellow (0%)
- Black (2%)



- Cyan (50%)
- Magenta (36%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2832, 37.9651, 95.7000 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 39.2832, 37.9651, 95.7000 by changing the saturation by 10% instead.

■ 39.2832, 37.9651,
95.7000

■ 39.2832, 37.9651,
95.7000

334.2795,
337.4702, 567.4450

■ 27.1618, 25.9556,
72.1176

■ 73.3621, 72.0546,
157.2352

■ 17.8320, 16.7904,
52.7673

■ 96.0502, 94.9035,
196.0251

■ 10.9284, 10.0852,
37.2306

■ 122.9914,
122.1342, 240.7213

■ 6.0856, 5.4555,
25.0889

154.5509,
154.1312, 291.7423

■ 2.9384, 2.5169,
15.9237

191.0942,
191.2790, 349.5066

■ 1.1213, 0.8851,
9.3164

232.9864,

■ 0.0428, 0.0000,

233.9618, 414.4328

4.8485

280.5931,
282.5641, 486.9394

■ 0.0000, 0.0000,
2.1015

■ 0.0000, 0.0000,
0.6166

■ 39.2832, 37.9651,
95.7000

■ 39.2832, 37.9651,
95.7000

■ 33.0952, 30.4465,
94.5757

■ 46.8276, 46.8225,
97.0128

■ 28.1723, 24.1918,
93.6278

■ 55.8031, 57.0797,
98.5195

■ 24.4179, 19.1243,
92.8476

■ 66.2837, 68.7985,
100.2291

■ 21.7176, 15.1553,
92.2238

■ 78.3368, 82.0358,
102.1489

■ 19.9067, 12.1673,
91.7425

■ 92.0258, 96.8452,
104.2859

■ 19.7851, 11.9615,
91.7092

■ 94.2555, 99.6822,
104.7160

Harmonies

Analogous

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



31.9543, 37.9651, 94.1103



39.2832, 37.9651, 95.7000



46.6593, 37.9651, 79.5295

Triad

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



39.2832, 37.9651, 95.7000



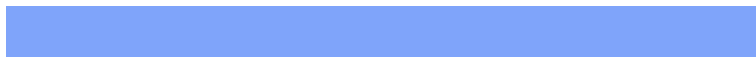
47.7012, 37.9651, 19.3457



24.0739, 37.9651, 30.2079

Complementary

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



39.2832, 37.9651, 95.7000



67.0511, 69.4472, 29.9513

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.



27.2422, 37.9651, 17.8800



39.2832, 37.9651, 95.7000



40.5564, 37.9651, 13.2564

Square

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



39.2832, 37.9651, 95.7000



51.9497, 37.9651, 33.0591



33.0647, 37.9651, 12.8331



23.8312, 37.9651, 50.8941

Rectangle

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



39.2832, 37.9651, 95.7000



50.3435, 37.9651, 63.2895



33.0647, 37.9651, 12.8331



24.8097, 37.9651, 25.1580

Sweetspot

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



39.2846, 37.9664, 95.7009



74.4048, 77.5609, 105.6569



54.7036, 77.5900, 73.7557



15.3704, 15.9895, 22.5261



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.



39.2846, 37.9664, 95.7009



34.6982, 31.9466, 98.9453



37.3415, 28.5243, 93.9808



16.7086, 17.4941, 21.8814



10.6041, 6.5637, 48.6816



1.0707, 0.7851, 4.5383

Inverse Universe

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



53.7158, 38.1848, 39.6624



51.7352, 33.4675, 32.5050



69.8383, 86.3087, 33.0590



17.4595, 17.3111, 19.0093



21.6445, 11.0735, 4.8363



2.0494, 1.0435, 0.6834

Previews

White Background



This preview shows how the XYZ color 39.2832, 37.9651, 95.7000 looks on a white background.

Color Contrast Check

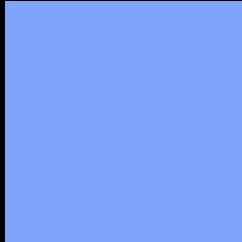
Large Text (above 18pt) WCAG AA × Fail

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 39.2832, 37.9651, 95.7000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

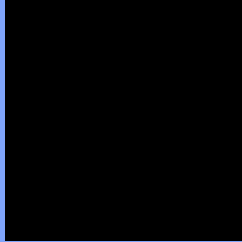
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2832, 37.9651, 95.7000

Background



This preview shows how black text looks on a background with the XYZ color 39.2832, 37.9651, 95.7000.



This preview shows how white text looks on a background with the XYZ color 39.2832, 37.9651,

95.7000.

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

39.2832, 37.9651, 95.7000

Protanopia

40.0109, 37.8311, 94.8159

Deuteranopia

38.9882, 37.8130, 95.6862



Tritanopia

31.0039, 37.9565, 54.4075

Trichromacy



Original Color

39.2832, 37.9651, 95.7000

Protanomaly

39.7118, 37.9395, 94.8525

Deuteranomaly

39.1350, 37.8887, 95.6931

Tritanomaly

33.7064, 37.9034, 67.8269

Monochromacy



Original Color

39.2832, 37.9651, 95.7000

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.5252, 36.6185, 56.8255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2832, 37.9651, 95.7000 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(127, 164, 250)` looks like.

```
.text, #text, p{  
    color:rgb(127, 164, 250)  
}
```

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(127, 164, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 164, 250) }
```

Border

The CSS property to change the border of an element to XYZ 39.2832, 37.9651, 95.7000 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(127, 164, 250) }
```


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

```
.border{ border-color:rgb(127, 164, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 164, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 164, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 164, 250);  
box-shadow:4px 4px 4px 4px rgb(127, 164,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2832, 37.9651, 95.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 164, 250) }
```

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

```
.background{ background-color: rgb(127,  
164, 250) }
```

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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