

Converting Colors

XYZ(39.8897, 34.0472, 94.0622)

Have a look what the booklet for
XYZ(39.8897, 34.0472, 94.0622)
contains.

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Color

**XYZ(39.9270, 34.0966,
94.0994)**

Conversions

Conversions Part 1

Format	Color
Hex	9593F9
RGB	149, 147, 249
RGB Percent	58%, 58%, 98%
CMY	0.4157, 0.4235, 0.0235
CMYK	0.40, 0.41, 0.00, 0.02
HSL	241°, 89%, 78%
HSV	241°, 41%, 98%
XYZ	39.9270, 34.0966, 94.0994
YIQ	159.2260, -31.5500, 32.1460

Conversions

Conversions Part 2

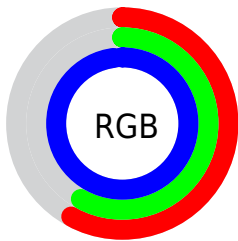
Format	Color
R_{YB}	149, 147, 249
Decimal	9802745
CIE _{Lab}	65.04, 25.16, -50.78
CIE _{LCh}	65, 56.673, 296.356
Yxy	34.0966, 0.2375, 0.2028
Android (android.graphics.Color)	4287992825 (0xFF9593F9)
YUV	159.2260, 44.2586, -8.9682
Hunter-Lab	58.3923, 19.8667, -54.6715

Details

The XYZ color **39.9270, 34.0966, 94.0994** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **77.5001, 89.6325, 40.8210**, and the grayscale version is **32.8733, 34.5853, 37.6634**.

A 20% lighter version of the original color is **64.3902, 62.1151, 103.2034**, and **18.3033, 14.6823, 51.7385** is the 20% darker color. If you saturate the color by 10%, you get **32.4692, 25.1133, 92.7592**, and if you desaturate by 10%, it is **49.1587, 45.2394, 95.7643**.

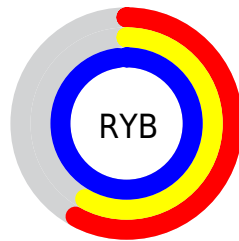
Distribution



Red (58%)

Green (58%)

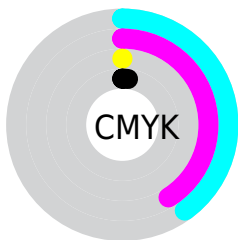
Blue (98%)



Red (58%)

Yellow (58%)

Blue (98%)

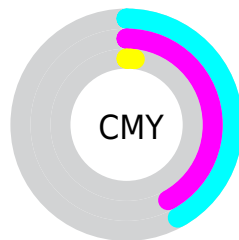


Cyan (40%)

Magenta (41%)

Yellow (0%)

Black (2%)



Cyan (42%)

Magenta (42%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9270, 34.0966, 94.0994 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 39.9270, 34.0966, 94.0994 by changing the saturation by 10% instead.

■ 39.9270, 34.0966,
94.0994

■ 39.9270, 34.0966,
94.0994

336.9555,
320.5626, 562.1883

■ 27.6656, 22.9678,
70.7929

■ 74.3374, 66.0839,
155.0047

■ 18.2129, 14.5697,
51.6924

■ 97.2171, 87.7111,
193.4405

■ 11.2036, 8.5180,
36.3794

124.3669,
113.6067, 237.7565

■ 6.2722, 4.4281,
24.4353

156.1522,
144.1549, 288.3712

■ 3.0535, 1.9158,
15.4417

192.9384,
179.7402, 345.7033

■ 1.1821, 0.5579,
8.9799

235.0907,

■ 0.0922, 0.0000,

220.7470, 410.1711

4.6314

282.9747,
267.5597, 482.1932

■ 0.0000, 0.0000,
1.9778

■ 0.0000, 0.0000,
0.5416

■ 39.9270, 34.0966,
94.0994

■ 39.9270, 34.0966,
94.0994

■ 32.4692, 25.1133,
92.7592

■ 49.1587, 45.2394,
95.7643

■ 26.6680, 18.1461,
91.7201

■ 60.2637, 58.6649,
97.7704

■ 22.3982, 13.0406,
90.9597

■ 73.3388, 74.4918,
100.1361

■ 19.5150, 9.6181,
90.4511

■ 88.4730, 92.8292,
102.8779

■ 17.8462, 7.6651,
90.1620

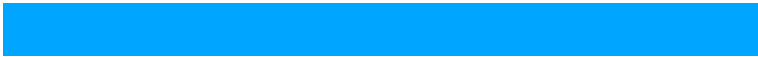
■ 94.0990, 99.6196,
103.8921

■ 17.1602, 6.8711,
90.0450

Harmonies

Analogous

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



31.4155, 34.0966, 102.9211



39.9270, 34.0966, 94.0994



47.3930, 34.0966, 68.1998

Triad

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



39.9270, 34.0966, 94.0994



41.9562, 34.0966, 10.7870



19.0771, 34.0966, 34.3274

Complementary

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



39.9270, 34.0966, 94.0994



77.5001, 89.6325, 40.8210

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.



20.9699, 34.0966, 17.2999



39.9270, 34.0966, 94.0994



33.4208, 34.0966, 7.8286

Square

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



39.9270, 34.0966, 94.0994



48.6965, 34.0966, 20.4647



25.8974, 34.0966, 9.5758



20.2288, 34.0966, 61.0087

Rectangle

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



39.9270, 34.0966, 94.0994



50.2803, 34.0966, 48.8340



25.8974, 34.0966, 9.5758



19.3689, 34.0966, 27.4560

Sweetspot

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



39.9283, 34.0978, 94.1002



75.8648, 76.7542, 105.4243



62.4849, 79.7485, 101.7228



15.8321, 15.9369, 22.4916



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.



39.9283, 34.0978, 94.1002



35.6337, 28.1446, 98.1621



51.2730, 39.9462, 94.6311



16.3145, 16.6593, 21.7410



9.1991, 3.6850, 48.2000



0.8627, 0.3468, 4.4647

Inverse Universe

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



66.2897, 47.7235, 93.7129



66.8870, 44.3017, 97.5774



61.9861, 81.6348, 40.0950



17.9775, 17.5184, 21.7372



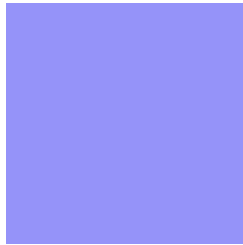
29.6686, 14.2832, 47.0908



2.7524, 1.3247, 4.3855

Previews

White Background



This preview shows how the XYZ color 39.9270, 34.0966, 94.0994 looks on a white background.

Color Contrast Check

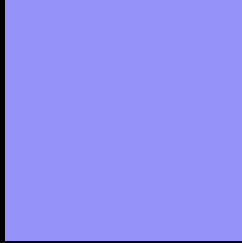
Large Text (above 18pt) WCAG AA × Fail

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 39.9270, 34.0966, 94.0994 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 39.9270, 34.0966, 94.0994

Background



This preview shows how black text looks on a background with the XYZ color 39.9270, 34.0966, 94.0994.



This preview shows how white text looks on a background with the XYZ color 39.9270, 34.0966, 94.0994.

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

39.9270, 34.0966, 94.0994

Protanopia

37.0768, 34.1828, 99.2515

Deuteranopia

35.4458, 34.4841, 92.7836



Tritanopia

30.2937, 34.1543, 46.0701

Trichromacy



Original Color

39.9270, 34.0966, 94.0994

Protanomaly

37.8495, 33.8922, 97.4755

Deuteranomaly

36.8111, 34.1736, 93.4629

Tritanomaly

33.3177, 33.8290, 61.2735

Monochromacy



Original Color

39.9270, 34.0966, 94.0994

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.7533, 34.2170, 54.6420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9270, 34.0966, 94.0994 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(149, 147, 249)` looks like.

```
.text, #text, p{  
    color:rgb(149, 147, 249)  
}
```

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(149, 147, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 147, 249) }
```

Border

The CSS property to change the border of an element to XYZ 39.9270, 34.0966, 94.0994 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(149, 147, 249) }
```


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

```
.border{ border-color:rgb(149, 147, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 147, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 147, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 147, 249);  
box-shadow:4px 4px 4px 4px rgb(149, 147,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9270, 34.0966, 94.0994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 147, 249) }
```

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

```
.background{ background-color: rgb(149,  
147, 249) }
```

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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