

Converting Colors

XYZ(39.5090, 32.7322, 94.6747)

Have a look what the booklet for
XYZ(39.5090, 32.7322, 94.6747)
contains.

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Color

**XYZ(39.5060, 32.7322,
94.6782)**

Conversions

Conversions Part 1

Format	Color
Hex	968EFA
RGB	150, 142, 250
RGB Percent	59%, 56%, 98%
CMY	0.4117, 0.4431, 0.0196
CMYK	0.40, 0.43, 0.00, 0.02
HSL	244°, 92%, 77%
HSV	244°, 43%, 98%
XYZ	39.5060, 32.7322, 94.6782
YIQ	156.7040, -29.9000, 35.2840

Conversions

Conversions Part 2

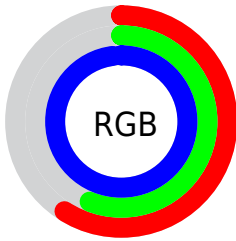
Format	Color
R_{YB}	150, 142, 250
Decimal	9867002
CIE _{Lab}	63.94, 28.56, -53.06
CIE _{LCh}	64, 60.260, 298.293
Yxy	32.7322, 0.2367, 0.1961
Android (android.graphics.Color)	4288057082 (0xFF968EFA)
YUV	156.7040, 45.9949, -5.8794
Hunter-Lab	57.2121, 23.1365, -58.0685

Details

The XYZ color **39.5060, 32.7322, 94.6782** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **75.6861, 89.2018, 38.8208**, and the grayscale version is **31.7258, 33.3781, 36.3487**.

A 20% lighter version of the original color is **63.8024, 60.1098, 102.8473**, and **17.9670, 13.8317, 52.1749** is the 20% darker color. If you saturate the color by 10%, you get **32.3481, 24.1263, 93.3950**, and if you desaturate by 10%, it is **48.3419, 43.4422, 96.2804**.

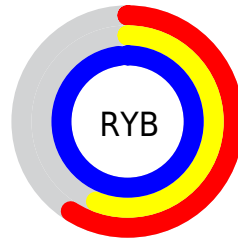
Distribution



Red (59%)

Green (56%)

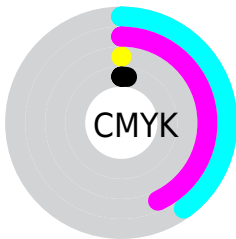
Blue (98%)



Red (59%)

Yellow (56%)

Blue (98%)

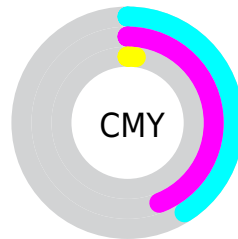


Cyan (40%)

Magenta (43%)

Yellow (0%)

Black (2%)



Cyan (41%)

Magenta (44%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5060, 32.7322, 94.6782 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 39.5060, 32.7322, 94.6782 by changing the saturation by 10% instead.

■ 39.5060, 32.7322,
94.6782

■ 39.5060, 32.7322,
94.6782

335.2073,
314.4413, 564.0923

■ 27.3361, 21.9214,
71.2718

■ 73.6998, 63.9572,
155.8117

■ 17.9637, 13.7991,
52.0808

■ 96.4544, 85.1402,
194.3758

■ 11.0234, 7.9811,
36.6868

■ 123.4680,
110.5493, 238.8296

■ 6.1500, 4.0829,
24.6712

155.1058,
140.5690, 289.5916

■ 2.9780, 1.7200,
15.6155

191.7333,
175.5836, 347.0803

■ 1.1422, 0.4366,
9.1011

233.7158,

■ 0.0600, 0.0000,

215.9776, 411.7143

4.7095

281.4187,
262.1354, 483.9121

■ 0.0000, 0.0000,
2.0221

■ 0.0000, 0.0000,
0.5688

■ 39.5060, 32.7322,
94.6782

■ 39.5060, 32.7322,
94.6782

■ 32.3481, 24.1263,
93.3950

■ 48.3419, 43.4422,
96.2804

■ 26.7580, 17.4825,
92.4073

■ 58.9487, 56.3787,
98.2183

■ 22.6186, 12.6468,
91.6920

■ 71.4173, 71.6589,
100.5105

■ 19.7945, 9.4403,
91.2220

■ 85.8311, 89.3909,
103.1735

■ 18.1244, 7.6477,
90.9640

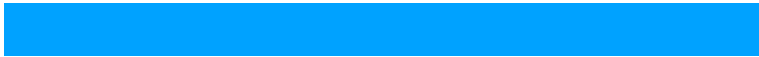
■ 94.2554, 99.6822,
104.7159

■ 17.5148, 7.0359,
90.8780

Harmonies

Analogous

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



30.6272, 32.7322, 105.7554



39.5060, 32.7322, 94.6782



47.1648, 32.7322, 66.2852

Triad

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



39.5060, 32.7322, 94.6782



40.5020, 32.7322, 8.8297



17.4821, 32.7322, 34.2651

Complementary

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



39.5060, 32.7322, 94.6782



75.6861, 89.2018, 38.8208

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.



19.1888, 32.7322, 16.2847



39.5060, 32.7322, 94.6782



31.5998, 32.7322, 6.3602

Square

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



39.5060, 32.7322, 94.6782



47.8095, 32.7322, 17.7581



23.9984, 32.7322, 8.2916



18.8385, 32.7322, 62.7035

Rectangle

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



39.5060, 32.7322, 94.6782



49.9861, 32.7322, 45.9911



23.9984, 32.7322, 8.2916



17.7093, 32.7322, 26.9713

Sweetspot

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



39.5073, 32.7334, 94.6790



74.9669, 75.2792, 105.1869



60.4022, 76.6352, 102.0516



15.3905, 15.3083, 22.3936



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.



39.5073, 32.7334, 94.6790



34.6096, 26.1612, 97.8332



51.6123, 38.9738, 95.2455



16.4021, 16.7044, 21.7451



9.3336, 3.7543, 48.2063



0.9045, 0.3683, 4.4666

Inverse Universe

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



65.1248, 46.0816, 89.4658



64.7570, 41.8808, 91.1974



60.0056, 81.1182, 38.0869



17.9343, 17.5011, 21.5096



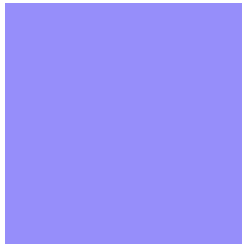
28.6222, 13.8646, 41.5804



2.6670, 1.2905, 3.9358

Previews

White Background



This preview shows how the XYZ color 39.5060, 32.7322, 94.6782 looks on a white background.

Color Contrast Check

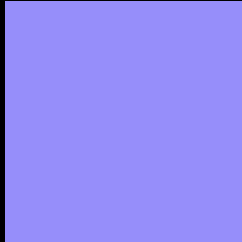
Large Text (above 18pt) WCAG AA × Fail

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 39.5060, 32.7322, 94.6782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

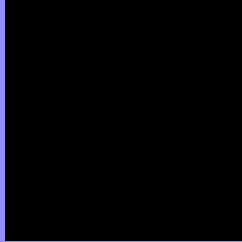
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5060, 32.7322, 94.6782

Background



This preview shows how black text looks on a background with the XYZ color 39.5060, 32.7322, 94.6782.



This preview shows how white text looks on a background with the XYZ color 39.5060, 32.7322,

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

39.5060, 32.7322, 94.6782

Protanopia

35.9267, 32.8639, 99.0576

Deuteranopia

33.9893, 32.9829, 92.5706



Tritanopia

29.2046, 32.6001, 43.7829

Trichromacy



Original Color

39.5060, 32.7322, 94.6782

Protanomaly

36.9237, 32.7073, 97.2956

Deuteranomaly

35.4574, 32.5119, 93.2136

Tritanomaly

32.2978, 32.3559, 59.1866

Monochromacy



Original Color

39.5060, 32.7322, 94.6782

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.9586, 33.0881, 53.8870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5060, 32.7322, 94.6782 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(150, 142, 250)` looks like.

```
.text, #text, p{  
    color:rgb(150, 142, 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(150, 142, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 142, 250) }
```

Border

The CSS property to change the border of an element to XYZ 39.5060, 32.7322, 94.6782 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(150, 142, 250) }
```


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

```
.border{ border-color:rgb(150, 142, 250) }
```

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

Here you see how a box with a 4 pixel rgb(150, 142, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 142, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 142, 250);  
box-shadow:4px 4px 4px 4px rgb(150, 142,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5060, 32.7322, 94.6782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 142, 250) }
```

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

```
.background{ background-color: rgb(150,  
142, 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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