

Converting Colors

XYZ(38.5794, 32.4763, 94.6777)

Have a look what the booklet for
XYZ(38.5794, 32.4763, 94.6777)
contains.

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Color

**XYZ(38.5794, 32.4763,
94.6777)**

Conversions

Conversions Part 1

Format	Color
Hex	908FFA
RGB	144, 143, 250
RGB Percent	56%, 56%, 98%
CMY	0.4353, 0.4392, 0.0196
CMYK	0.42, 0.43, 0.00, 0.02
HSL	241°, 91%, 77%
HSV	241°, 43%, 98%
XYZ	38.5794, 32.4763, 94.6777
YIQ	155.4970, -33.7510, 33.4890

Conversions

Conversions Part 2

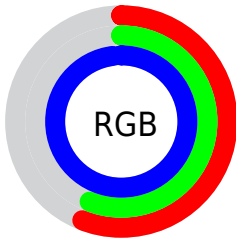
Format	Color
RYB	144, 143, 250
Decimal	9474042
CIELab	63.73, 26.52, -53.42
CIELCh	64, 59.642, 296.403
Yxy	32.4763, 0.2328, 0.1960
Android (android.graphics.Color)	4287664122 (0xFF908FFA)
YUV	155.4970, 46.5900, -10.0829
Hunter-Lab	56.9880, 21.1109, -58.6106

Details

The XYZ color **38.5794, 32.4763, 94.6777** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **78.2101, 90.4943, 39.3324**, and the grayscale version is **31.1875, 32.8117, 35.7319**.

A 20% lighter version of the original color is **62.3734, 59.7091, 102.8453**, and **17.4705, 13.7052, 52.1766** is the 20% darker color. If you saturate the color by 10%, you get **31.3747, 23.7984, 93.3831**, and if you desaturate by 10%, it is **47.5715, 43.3179, 96.2970**.

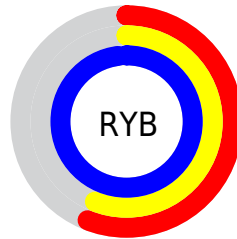
Distribution



Red (56%)

Green (56%)

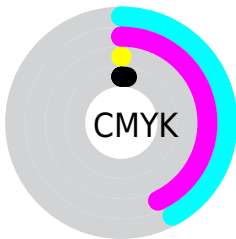
Blue (98%)



Red (56%)

Yellow (56%)

Blue (98%)

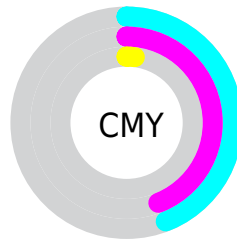


Cyan (42%)

Magenta (43%)

Yellow (0%)

Black (2%)



Cyan (44%)


Magenta (44%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5794, 32.4763, 94.6777 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 38.5794, 32.4763, 94.6777 by changing the saturation by 10% instead.


 38.5794, 32.4763,
94.6777


 38.5794, 32.4763,
94.6777

331.3370,
313.2833, 564.0906


 26.6119, 21.7256,
71.2713

 72.2935, 63.5570,
155.8110

 17.4171, 13.6554,
52.0805


 94.7709, 84.6558,
194.3750

 10.6294, 7.8814,
36.6865


 121.4823,
109.9727, 238.8287

 5.8837, 4.0191,
24.6710

152.7931,
139.8922, 289.5906

 2.8145, 1.6843,
15.6153

189.0686,
174.7986, 347.0791

 1.0564, 0.4134,
9.1010

230.6742,

 0.0000, 0.0000,

215.0763, 411.7130

4.7094

277.9752,
261.1097, 483.9106

■ 0.0000, 0.0000,
2.0220

■ 0.0000, 0.0000,
0.5688

■ 38.5794, 32.4763,
94.6777

■ 38.5794, 32.4763,
94.6777

■ 31.3747, 23.7984,
93.3831

■ 47.5715, 43.3179,
96.2970

■ 25.8348, 17.1360,
92.3891

■ 58.4552, 56.4512,
98.2584

■ 21.8274, 12.3279,
91.6722

■ 71.3313, 71.9982,
100.5806

■ 19.1990, 9.1866,
91.2044

■ 86.2924, 90.0716,
103.2806

■ 17.7639, 7.4854,
90.9517

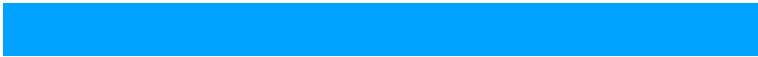
■ 94.2554, 99.6822,
104.7159

■ 17.2848, 6.9173,
90.8673

Harmonies

Analogous

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



29.8704, 32.4763, 104.0529



38.5794, 32.4763, 94.6777



46.2814, 32.4763, 67.4315

Triad

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



38.5794, 32.4763, 94.6777



40.6414, 32.4763, 9.2104



17.4467, 32.4763, 32.5514

Complementary

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



38.5794, 32.4763, 94.6777



78.2101, 90.4943, 39.3324

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.



19.3238, 32.4763, 15.5186



38.5794, 32.4763, 94.6777



31.8871, 32.4763, 6.4462

Square

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



38.5794, 32.4763, 94.6777



47.6148, 32.4763, 18.5898



24.2590, 32.4763, 8.0821



18.5953, 32.4763, 60.0290

Rectangle

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



38.5794, 32.4763, 94.6777



49.2702, 32.4763, 47.3222



24.2590, 32.4763, 8.0821



17.7346, 32.4763, 25.6073

Sweetspot

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



38.5807, 32.4775, 94.6785



74.3049, 74.9379, 105.1559



62.7693, 81.1137, 102.7914



15.2300, 15.2255, 22.3861



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.



38.5807, 32.4775, 94.6785



34.0064, 26.3231, 97.8963



49.9738, 38.3508, 95.2117



16.2981, 16.6508, 21.7402



9.1749, 3.6725, 48.1988



0.8549, 0.3428, 4.4643

Inverse Universe

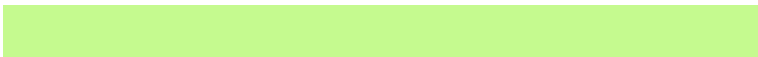
The Inverse Universe completely reimagines the original color for something new.



66.3459, 46.8091, 95.1590



66.4216, 43.0563, 98.3921



62.0395, 82.1581, 38.5757



17.9857, 17.5216, 21.7802



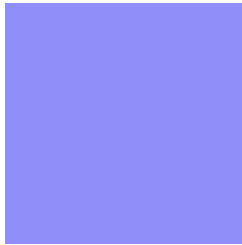
29.8742, 14.3654, 48.1734



2.7691, 1.3314, 4.4733

Previews

White Background



This preview shows how the XYZ color 38.5794, 32.4763, 94.6777 looks on a white background.

Color Contrast Check

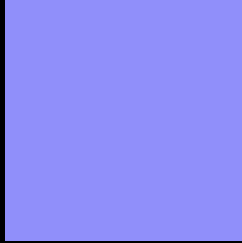
Large Text (above 18pt) WCAG AA × Fail

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 38.5794, 32.4763, 94.6777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

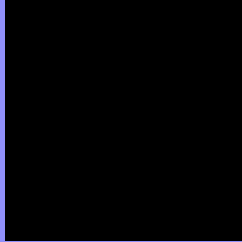
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5794, 32.4763, 94.6777

Background



This preview shows how black text looks on a background with the XYZ color 38.5794, 32.4763, 94.6777.



This preview shows how white text looks on a background with the XYZ color 38.5794, 32.4763,

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

38.5794, 32.4763, 94.6777

Protanopia

35.6722, 32.7327, 99.0457

Deuteranopia

33.5996, 32.5359, 92.5049



Tritanopia

28.4258, 32.4438, 44.2992

Trichromacy



Original Color

38.5794, 32.4763, 94.6777

Protanomaly

36.4879, 32.4826, 97.2752

Deuteranomaly

35.0521, 32.3030, 93.1946

Tritanomaly

31.4583, 32.1535, 59.8066

Monochromacy



Original Color

38.5794, 32.4763, 94.6777

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.1234, 32.4302, 53.2291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5794, 32.4763, 94.6777 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(144, 143, 250)` looks like.

```
.text, #text, p{  
    color:rgb(144, 143, 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(144, 143, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 143, 250) }
```

Border

The CSS property to change the border of an element to XYZ 38.5794, 32.4763, 94.6777 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(144, 143, 250) }
```


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

```
.border{ border-color:rgb(144, 143, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 143, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 143, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 143, 250);  
box-shadow:4px 4px 4px 4px rgb(144, 143,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5794, 32.4763, 94.6777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 143, 250) }
```

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

```
.background{ background-color: rgb(144,  
143, 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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