

Converting Colors

XYZ(38.4872, 32.9855, 89.9263)

Have a look what the booklet for
XYZ(38.4872, 32.9855, 89.9263)
contains.

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Color

**XYZ(38.4872, 32.9855,
89.9263)**

Conversions

Conversions Part 1

Format	Color
Hex	9391F4
RGB	147, 145, 244
RGB Percent	58%, 57%, 96%
CMY	0.4235, 0.4314, 0.0431
CMYK	0.40, 0.41, 0.00, 0.04
HSL	241°, 82%, 76%
HSV	241°, 41%, 96%
XYZ	38.4872, 32.9855, 89.9263
YIQ	156.8840, -30.5870, 31.2130

Conversions

Conversions Part 2

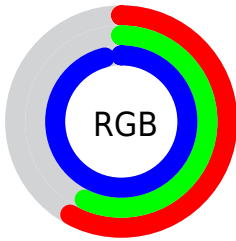
Format	Color
R_{YB}	147, 145, 244
Decimal	9671156
CIE _{Lab}	64.15, 24.44, -49.46
CIE _{LCh}	64, 55.166, 296.296
Yxy	32.9855, 0.2385, 0.2044
Android (android.graphics.Color)	4287861236 (0xFF9391F4)
YUV	156.8840, 42.9482, -8.6683
Hunter-Lab	57.4330, 19.1093, -52.6308

Details

The XYZ color **38.4872, 32.9855, 89.9263** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **74.0794, 85.6233, 39.4116**, and the grayscale version is **31.8198, 33.4769, 36.4564**.

A 20% lighter version of the original color is **63.3753, 60.9042, 103.0232**, and **17.3762, 13.9964, 48.7995** is the 20% darker color. If you saturate the color by 10%, you get **31.3008, 24.3282, 88.6347**, and if you desaturate by 10%, it is **47.3675, 43.7056, 91.5281**.

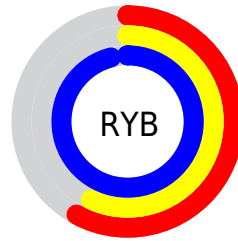
Distribution



Red (58%)

Green (57%)

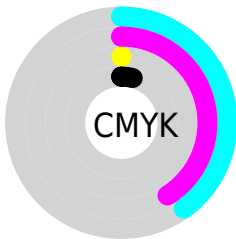
Blue (96%)



Red (58%)

Yellow (57%)

Blue (96%)

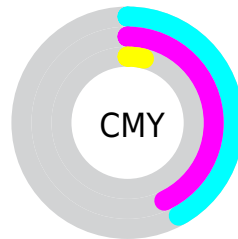


Cyan (40%)

Magenta (41%)

Yellow (0%)

Black (4%)



Cyan (42%)

Magenta (43%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4872, 32.9855, 89.9263 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 38.4872, 32.9855, 89.9263 by changing the saturation by 10% instead.

■ 38.4872, 32.9855,
89.9263

■ 38.4872, 32.9855,
89.9263

330.9502,
315.5844, 548.3550

■ 26.5400, 22.1153,
67.3461

■ 72.1534, 64.3529,
149.1706

■ 17.3628, 13.9417,
48.9026

■ 94.6030, 85.6189,
186.6719

■ 10.5904, 8.0801,
34.1772

121.2842,
111.1190, 229.9840

■ 5.8574, 4.1463,
22.7513

152.5622,
141.2376, 279.5254

■ 2.7984, 1.7557,
14.2064

188.8025,
176.3590, 335.7146

■ 1.0481, 0.4593,
8.1240

230.3703,

■ 0.0000, 0.0000,

216.8677, 398.9703

4.0855

277.6311,
263.1480, 469.7109

■ 0.0000, 0.0000,
1.6723

■ 0.0000, 0.0000,
0.3417

■ 38.4872, 32.9855,
89.9263

■ 38.4872, 32.9855,
89.9263

■ 31.3008, 24.3282,
88.6347

■ 47.3675, 43.7056,
91.5281

■ 25.6971, 17.5978,
87.6309

■ 58.0357, 56.6053,
93.4557

■ 21.5578, 12.6483,
86.8937

■ 70.5838, 71.7970,
95.7266

■ 18.7463, 9.3107,
86.3977

■ 85.0960, 89.3844,
98.3565

■ 17.1003, 7.3841,
86.1126

■ 93.3293, 99.3117,
99.8387

■ 16.3910, 6.5635,
85.9916

Harmonies

Analogous

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



30.3915, 32.9855, 98.2104



38.4872, 32.9855, 89.9263



45.5798, 32.9855, 65.4618

Triad

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



38.4872, 32.9855, 89.9263



40.4462, 32.9855, 10.7003



18.6254, 32.9855, 33.2080

Complementary

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



38.4872, 32.9855, 89.9263



74.0794, 85.6233, 39.4116

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.



20.4434, 32.9855, 16.9442



38.4872, 32.9855, 89.9263



32.3320, 32.9855, 7.8208

Square

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



38.4872, 32.9855, 89.9263



46.8363, 32.9855, 20.0314



25.1576, 32.9855, 9.5080



19.7224, 32.9855, 58.5400

Rectangle

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



38.4872, 32.9855, 89.9263



48.3242, 32.9855, 47.0998



25.1576, 32.9855, 9.5080



18.9068, 32.9855, 26.6588

Sweetspot

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



38.4885, 32.9867, 89.9271



75.8705, 76.7572, 105.4245



59.8634, 76.2650, 97.1541



15.8335, 15.9376, 22.4917



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.



38.4885, 32.9867, 89.9271



35.6455, 28.1508, 98.1627



49.2594, 38.5393, 90.4312



15.6121, 15.9427, 20.7970



8.9260, 3.5758, 46.7578



0.7952, 0.3198, 4.1101

Inverse Universe

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



63.4611, 45.8955, 89.5173



66.8750, 44.2969, 97.5144



59.4165, 78.0642, 38.7254



17.1983, 16.7622, 20.7909



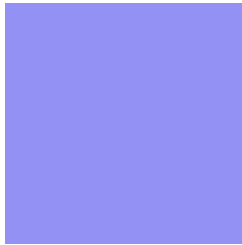
28.7695, 13.8513, 45.6222



2.5331, 1.2192, 4.0337

Previews

White Background



This preview shows how the XYZ color 38.4872, 32.9855, 89.9263 looks on a white background.

Color Contrast Check

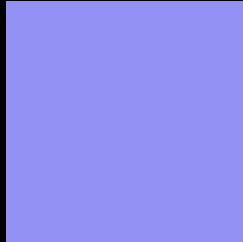
Large Text (above 18pt) WCAG AA × Fail

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 38.4872, 32.9855, 89.9263 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 38.4872, 32.9855, 89.9263

Background



This preview shows how black text looks on a background with the XYZ color 38.4872, 32.9855, 89.9263.



This preview shows how white text looks on a background with the XYZ color 38.4872, 32.9855,

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

38.4872, 32.9855, 89.9263

Protanopia

35.8197, 33.1405, 94.9513

Deuteranopia

34.1788, 33.1685, 88.6051



Tritanopia

29.3196, 32.9046, 44.3411

Trichromacy



Original Color

38.4872, 32.9855, 89.9263

Protanomaly

36.5928, 32.8614, 93.2212

Deuteranomaly

35.4126, 32.8152, 89.2615

Tritanomaly

32.1835, 32.8005, 58.6677

Monochromacy



Original Color

38.4872, 32.9855, 89.9263

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.7134, 33.2289, 52.7810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4872, 32.9855, 89.9263 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, 145, 244)` looks like.

```
.text, #text, p{  
    color:rgb(147, 145, 244)  
}
```

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, 145, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 145, 244) }
```

Border

The CSS property to change the border of an element to XYZ 38.4872, 32.9855, 89.9263 is called "border". The border property can be set on classes, ids or directly on the HTML element.

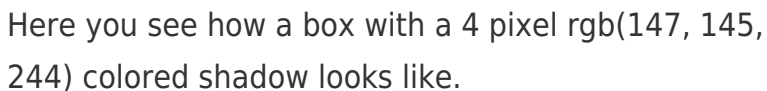
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 145, 244) }
```


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

```
.border{ border-color:rgb(147, 145, 244) }
```

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



Here you see how a box with a 4 pixel rgb(147, 145, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 145, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 145, 244);  
box-shadow:4px 4px 4px 4px rgb(147, 145,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4872, 32.9855, 89.9263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 145, 244) }
```

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

```
.background{ background-color: rgb(147,  
145, 244) }
```

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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