

Converting Colors

XYZ(41.8701, 38.0958, 99.7542)

Have a look what the booklet for
XYZ(41.8701, 38.0958, 99.7542)
contains.

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Color

**XYZ(41.9485, 38.2013,
99.7704)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA0FF
RGB	143, 160, 255
RGB Percent	56%, 63%, 100%
CMY	0.4392, 0.3725, 0.0000
CMYK	0.44, 0.37, 0.00, 0.00
HSL	231°, 100%, 78%
HSV	231°, 44%, 100%
XYZ	41.9485, 38.2013, 99.7704
YIQ	165.7470, -40.6270, 25.9410

Conversions

Conversions Part 2

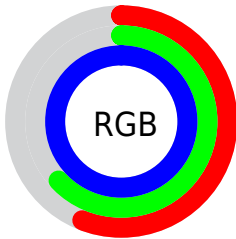
Format	Color
RYB	143, 158, 255
Decimal	9412863
CIELab	68.17, 17.89, -49.14
CIELCh	68, 52.293, 290.001
Yxy	38.2013, 0.2332, 0.2123
Android (android.graphics.Color)	4287602943 (0xFF8FA0FF)
YUV	165.7470, 44.0017, -19.9491
Hunter-Lab	61.8072, 12.9852, -52.4420

Details

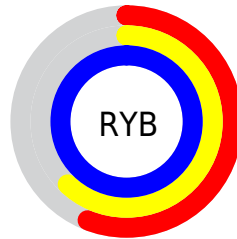
The XYZ color **41.9485, 38.2013, 99.7704** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **76.7734, 84.3936, 38.2317**, and the grayscale version is **35.9332, 37.8045, 41.1691**.

A 20% lighter version of the original color is **66.4378, 68.2384, 104.2774**, and **19.4994, 16.9929, 55.6783** is the 20% darker color. If you saturate the color by 10%, you get **34.5962, 29.3211, 98.4439**, and if you desaturate by 10%, it is **50.9589, 48.9059, 101.3617**.

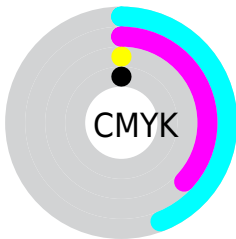
Distribution



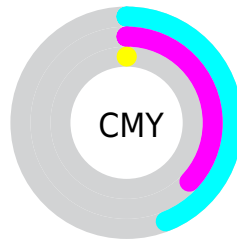
- Red (56%)
- Green (63%)
- Blue (100%)



- Red (56%)
- Yellow (62%)
- Blue (100%)



- Cyan (44%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9485, 38.2013, 99.7704 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 41.9485, 38.2013, 99.7704 by changing the saturation by 10% instead.

■ 41.9485, 38.2013,
99.7704

■ 41.9485, 38.2013,
99.7704

345.2647,
338.4827, 580.6967

■ 29.2519, 26.1390,
75.4930

■ 77.3873, 72.4166,
162.8907

■ 19.4167, 16.9276,
55.5127

■ 100.8603, 95.3383,
202.5708

■ 12.0775, 10.1829,
39.4110

128.6560,
122.6486, 248.2221

■ 6.8691, 5.5204,
26.7693

161.1400,
154.7319, 300.2632

■ 3.4260, 2.5557,
17.1691

198.6775,
191.9725, 359.1127

■ 1.3828, 0.9045,
10.1919

241.6338,

■ 0.2439, 0.0000,

234.7550, 425.1891

5.4191

290.3744,
283.4636, 498.9109

■ 0.0000, 0.0000,
2.4322

■ 0.0000, 0.0000,
0.8039

■ 41.9485, 38.2013,
99.7704

■ 41.9485, 38.2013,
99.7704

■ 34.5962, 29.3211,
98.4439

■ 50.9589, 48.9059,
101.3617

■ 28.7955, 22.1584,
97.3670

■ 61.7173, 61.5258,
103.2306

■ 24.4334, 16.6007,
96.5242

■ 74.3116, 76.1506,
105.3896

■ 21.3791, 12.5204,
95.8976

■ 88.8226, 92.8628,
107.8506

■ 19.4768, 9.7688,
95.4668

95.0500, 100.0000,
108.9000

■ 18.7658, 8.6516,
95.2886

Harmonies

Analogous

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



33.6508, 38.2013, 103.4506



41.9485, 38.2013, 99.7704



49.7137, 38.2013, 77.7085

Triad

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



41.9485, 38.2013, 99.7704



47.3650, 38.2013, 15.7824



22.9380, 38.2013, 34.2657

Complementary

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



41.9485, 38.2013, 99.7704



76.7734, 84.3936, 38.2317

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.



25.5608, 38.2013, 18.8697



41.9485, 38.2013, 99.7704



39.1041, 38.2013, 11.1680

Square

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



41.9485, 38.2013, 99.7704



53.1514, 38.2013, 28.0326



31.1994, 38.2013, 12.0340



23.4636, 38.2013, 58.9481

Rectangle

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



41.9485, 38.2013, 99.7704



53.1516, 38.2013, 58.9460



31.1994, 38.2013, 12.0340



23.4635, 38.2013, 28.0338

Sweetspot

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



41.9498, 38.2026, 99.7706



75.5649, 77.5992, 105.6032



62.2775, 83.4356, 92.4340



15.5360, 15.8716, 22.4946



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.



41.9498, 38.2026, 99.7706



35.2060, 30.0645, 98.5552



46.7740, 36.6101, 99.2089



17.2255, 17.8226, 22.7822



9.8715, 4.6526, 49.8123



1.0233, 0.5774, 4.8708

Inverse Universe

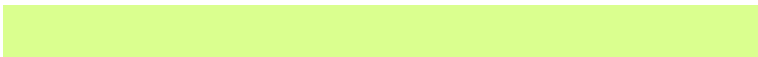
The Inverse Universe completely reimagines the original color for something new.



57.4086, 43.4445, 38.6188



52.6988, 36.5610, 29.2306



69.5326, 88.3576, 39.3785



18.1217, 18.0320, 19.2581



21.7709, 11.1976, 2.1780



2.1511, 1.1028, 0.3773

Previews

White Background



This preview shows how the XYZ color 41.9485, 38.2013, 99.7704 looks on a white background.

Color Contrast Check

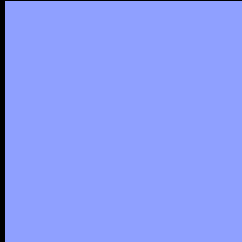
Large Text (above 18pt) WCAG AA × Fail

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 41.9485, 38.2013, 99.7704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

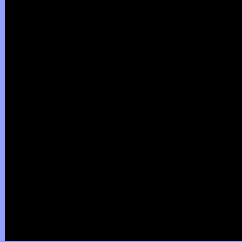
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9485, 38.2013, 99.7704

Background



This preview shows how black text looks on a background with the XYZ color 41.9485, 38.2013, 99.7704.



This preview shows how white text looks on a background with the XYZ color 41.9485, 38.2013,

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

41.9485, 38.2013, 99.7704

Protanopia

40.6629, 38.3199, 99.8611

Deuteranopia

39.3706, 38.2036, 99.0649



Tritanopia

32.6706, 38.2629, 53.2405

Trichromacy



Original Color

41.9485, 38.2013, 99.7704

Protanomaly

41.1237, 38.2949, 99.8319

Deuteranomaly

40.1925, 38.0960, 99.0008

Tritanomaly

35.5874, 38.0349, 67.7532

Monochromacy



Original Color

41.9485, 38.2013, 99.7704

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.5691, 37.8972, 58.7609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9485, 38.2013, 99.7704 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(143, 160, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 160, 255)  
}
```

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(143, 160, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 160, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.9485, 38.2013, 99.7704 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(143, 160, 255) }
```


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

```
.border{ border-color:rgb(143, 160, 255) }
```

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

Here you see how a box with a 4 pixel rgb(143, 160, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 160, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 160, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 160,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9485, 38.2013, 99.7704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 160, 255) }
```

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

```
.background{ background-color: rgb(143,  
160, 255) }
```

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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