

Converting Colors

XYZ(46.4528, 38.5038, 99.5914)

Have a look what the booklet for
XYZ(46.4528, 38.5038, 99.5914)
contains.

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Color

**XYZ(46.5118, 38.5607,
99.5993)**

Conversions

Conversions Part 1

Format	Color
Hex	AD98FF
RGB	173, 152, 255
RGB Percent	68%, 60%, 100%
CMY	0.3216, 0.4039, 0.0000
CMYK	0.32, 0.40, 0.00, 0.00
HSL	252°, 100%, 80%
HSV	252°, 40%, 100%
XYZ	46.5118, 38.5607, 99.5993
YIQ	170.0210, -20.5470, 36.4850

Conversions

Conversions Part 2

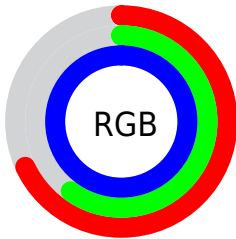
Format	Color
RYB	173, 152, 255
Decimal	11376895
CIELab	68.43, 30.08, -48.57
CIELCh	68, 57.135, 301.771
Yxy	38.5607, 0.2519, 0.2088
Android (android.graphics.Color)	4289566975 (0xFFAD98FF)
YUV	170.0210, 41.8946, 2.6126
Hunter-Lab	62.0973, 25.0290, -51.6286

Details

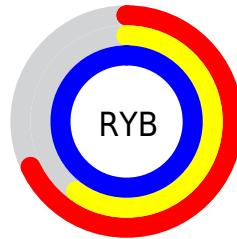
The XYZ color **46.5118, 38.5607, 99.5993** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **75.3593, 91.2794, 43.3539**, and the grayscale version is **38.0253, 40.0056, 43.5661**.

A 20% lighter version of the original color is **73.0763, 68.3515, 103.9494**, and **22.1828, 17.1665, 55.5704** is the 20% darker color. If you saturate the color by 10%, you get **38.6562, 29.0141, 98.1706**, and if you desaturate by 10%, it is **55.9417, 50.2409, 101.3568**.

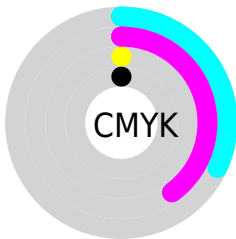
Distribution



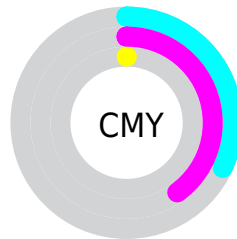
- Red (68%)
- Green (60%)
- Blue (100%)



- Red (68%)
- Yellow (60%)
- Blue (100%)



- Cyan (32%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.5118, 38.5607, 99.5993 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 46.5118, 38.5607, 99.5993 by changing the saturation by 10% instead.

46.5118, 38.5607,
99.5993

46.5118, 38.5607,
99.5993

363.5440,
340.0191, 580.1429

32.8562, 26.4182,
75.3509

84.2076, 72.9667,
162.6535

22.1750, 17.1367,
55.3970

108.9786, 95.9990,
202.2964

14.1029, 10.3320,
39.3189

138.1853,
123.4300, 247.9079

8.2744, 5.6196,
26.6982

172.1933,
155.6441, 299.9065

4.3243, 2.6152,
17.1162

211.3678,
193.0256, 358.7107

1.8872, 0.9343,
10.1546

256.0741,

0.5694, 0.0000,

235.9590, 424.7392

5.3946

306.6778,
284.8288, 498.4104

■ 0.0000, 0.0000,
2.4178

■ 0.0000, 0.0000,
0.7961

■ 46.5118, 38.5607,
99.5993

■ 46.5118, 38.5607,
99.5993

■ 38.6562, 29.0141,
98.1706

■ 55.9417, 50.2409,
101.3568

■ 32.2827, 21.4660,
97.0496

■ 67.0230, 64.1701,
103.4613

■ 27.2953, 15.7721,
96.2134

■ 79.8327, 80.4604,
105.9305

■ 23.5845, 11.7665,
95.6359

■ 94.4414, 99.2153,
108.7806

■ 21.0225, 9.2528,
95.2857

95.0500, 100.0000,
108.9000

■ 19.4658, 7.9499,
95.1163

Harmonies

Analogous

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



37.1870, 38.5607, 113.3194



46.5118, 38.5607, 99.5993



54.0605, 38.5607, 69.9789

Triad

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



46.5118, 38.5607, 99.5993



45.4369, 38.5607, 11.7549



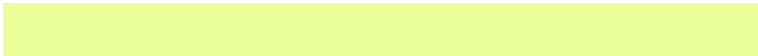
21.9629, 38.5607, 43.5328

Complementary

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



46.5118, 38.5607, 99.5993



75.3593, 91.2794, 43.3539

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.



23.4486, 38.5607, 22.6751



46.5118, 38.5607, 99.5993



36.1198, 38.5607, 9.4226

Square

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



46.5118, 38.5607, 99.5993



53.3721, 38.5607, 20.9646



28.2924, 38.5607, 12.4211



23.8470, 38.5607, 73.7661

Rectangle

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



46.5118, 38.5607, 99.5993



56.5271, 38.5607, 49.4666



28.2924, 38.5607, 12.4211



22.0835, 38.5607, 35.3005

Sweetspot

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



46.5131, 38.5621, 99.5995



77.6519, 77.6755, 105.5079



60.5365, 72.9697, 105.5017



16.2490, 16.1518, 22.5111



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.



46.5131, 38.5621, 99.5995



40.3964, 31.1100, 98.4834



60.0505, 45.5409, 100.2330



17.3489, 17.5561, 22.7242



10.2680, 4.2038, 49.7048



1.0843, 0.4529, 4.8435

Inverse Universe

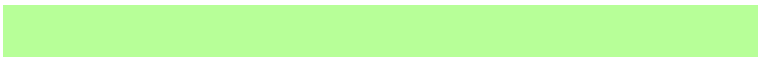
The Inverse Universe completely reimagines the original color for something new.



67.3199, 49.6579, 83.8783



63.8619, 43.6413, 79.9525



60.9329, 83.8424, 42.6788



18.6246, 18.2332, 21.9064



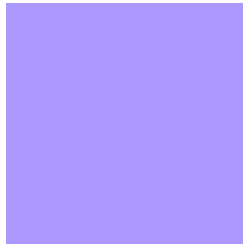
27.2372, 13.3842, 30.9633



2.6902, 1.3185, 3.2160

Previews

White Background



This preview shows how the XYZ color 46.5118, 38.5607, 99.5993 looks on a white background.

Color Contrast Check

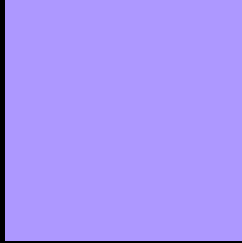
Large Text (above 18pt) WCAG AA × Fail

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 46.5118, 38.5607, 99.5993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

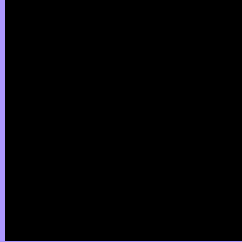
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5118, 38.5607, 99.5993

Background



This preview shows how black text looks on a background with the XYZ color 46.5118, 38.5607, 99.5993.



This preview shows how white text looks on a background with the XYZ color 46.5118, 38.5607,

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

46.5118, 38.5607, 99.5993

Protanopia

41.1570, 38.8393, 99.9353

Deuteranopia

39.9593, 38.8127, 97.4810



Tritanopia

36.4437, 38.6106, 49.2479

Trichromacy



Original Color

46.5118, 38.5607, 99.5993

Protanomaly

42.8335, 38.6575, 99.8118

Deuteranomaly

41.9761, 38.5109, 98.1495

Tritanomaly

39.4098, 38.1813, 64.9671

Monochromacy



Original Color

46.5118, 38.5607, 99.5993

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.4344, 39.0694, 60.6684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5118, 38.5607, 99.5993 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(173, 152, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 152, 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(173, 152, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 152, 255) }
```

Border

The CSS property to change the border of an element to XYZ 46.5118, 38.5607, 99.5993 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(173, 152, 255) }
```


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

```
.border{ border-color:rgb(173, 152, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 152, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 152, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 152, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 152,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5118, 38.5607, 99.5993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 152, 255) }
```

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

```
.background{ background-color: rgb(173,  
152, 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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