

Converting Colors

XYZ(41.4662, 33.2148, 98.8333)

Have a look what the booklet for
XYZ(41.4662, 33.2148, 98.8333)
contains.

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Color

**XYZ(41.5286, 33.2453,
98.8359)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8CFF
RGB	158, 140, 255
RGB Percent	62%, 55%, 100%
CMY	0.3804, 0.4510, 0.0000
CMYK	0.38, 0.45, 0.00, 0.00
HSL	249°, 100%, 77%
HSV	249°, 45%, 100%
XYZ	41.5286, 33.2453, 98.8359
YIQ	158.4920, -26.1870, 39.5810

Conversions

Conversions Part 2

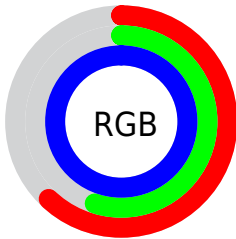
Format	Color
R_{YB}	158, 140, 255
Decimal	10390783
CIE _{Lab}	64.36, 33.03, -55.10
CIE _{LCh}	64, 64.242, 300.943
Yxy	33.2453, 0.2392, 0.1915
Android (android.graphics.Color)	4288580863 (0xFF9E8CFF)
YUV	158.4920, 47.5784, -0.4315
Hunter-Lab	57.6587, 27.6615, -61.2710

Details

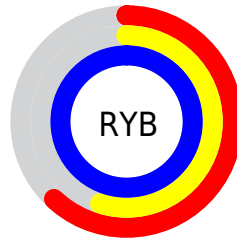
The XYZ color **41.5286, 33.2453, 98.8359** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **75.4185, 91.4178, 38.4824**, and the grayscale version is **32.5229, 34.2166, 37.2619**.

A 20% lighter version of the original color is **65.6607, 60.4025, 102.8059**, and **19.2160, 14.1562, 55.1457** is the 20% darker color. If you saturate the color by 10%, you get **34.3582, 24.6442, 97.5537**, and if you desaturate by 10%, it is **50.3050, 43.9568, 100.4409**.

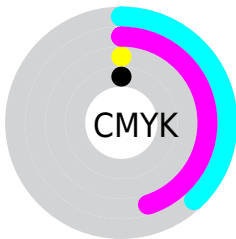
Distribution



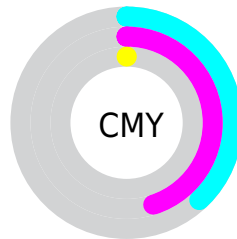
- Red (62%)
- Green (55%)
- Blue (100%)



- Red (62%)
- Yellow (55%)
- Blue (100%)



- Cyan (38%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5286, 33.2453, 98.8359 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 41.5286, 33.2453, 98.8359 by changing the saturation by 10% instead.

41.5286, 33.2453,
98.8359

41.5286, 33.2453,
98.8359

343.5500,
316.7536, 577.6687

28.9218, 22.3144,
74.7172

76.7553, 64.7583,
161.5944

19.1657, 14.0881,
54.8809

100.1060, 86.1092,
201.0714

11.8948, 8.1820,
38.9085

127.7687,
111.7023, 246.5048

6.7438, 4.2116,
26.3812

160.1088,
141.9219, 298.3133

3.3473, 1.7926,
16.8807

197.4916,
177.1525, 356.9155

1.3400, 0.4826,
9.9884

240.2825,

0.2128, 0.0000,

217.7783, 422.7297

5.2858

288.8469,
264.1839, 496.1746

■ 0.0000, 0.0000,
2.3542

■ 0.0000, 0.0000,
0.7614

■ 41.5286, 33.2453,
98.8359

■ 41.5286, 33.2453,
98.8359

■ 34.3582, 24.6442,
97.5537

■ 50.3050, 43.9568,
100.4409

■ 28.6912, 18.0092,
96.5717

■ 60.7743, 56.9031,
102.3880

■ 24.4183, 13.1832,
95.8654

■ 73.0213, 72.2030,
104.6957

■ 21.4135, 9.9830,
95.4060

■ 87.1241, 89.9656,
107.3809

■ 19.5260, 8.1852,
95.1585

95.0500, 100.0000,
108.9000

■ 18.9218, 7.6695,
95.0908

Harmonies

Analogous

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



31.8890, 33.2453, 113.4924



41.5286, 33.2453, 98.8359



49.5939, 33.2453, 66.5740

Triad

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



41.5286, 33.2453, 98.8359



40.9299, 33.2453, 7.6129



17.0778, 33.2453, 37.0339

Complementary

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



41.5286, 33.2453, 98.8359



75.4185, 91.4178, 38.4824

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.



18.5868, 33.2453, 16.8372



41.5286, 33.2453, 98.8359



31.3101, 33.2453, 5.5864

Square

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



41.5286, 33.2453, 98.8359



49.2040, 33.2453, 15.9898



23.3930, 33.2453, 7.9099



18.7908, 33.2453, 68.7529

Rectangle

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



41.5286, 33.2453, 98.8359



52.3354, 33.2453, 44.7171



23.3930, 33.2453, 7.9099



17.2220, 33.2453, 28.8369

Sweetspot

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



41.5298, 33.2465, 98.8361



74.4764, 74.0293, 104.9715



59.3676, 73.7995, 105.7235



15.3330, 15.0825, 22.3530



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.



41.5298, 33.2465, 98.8361



35.0696, 25.4891, 97.6793



55.3797, 40.3863, 99.4843



17.2677, 17.5142, 22.7204



9.9651, 4.0477, 49.6906



1.0432, 0.4317, 4.8416

Inverse Universe

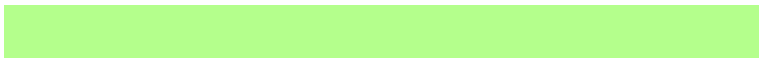
The Inverse Universe completely reimagines the original color for something new.



65.9044, 46.1313, 85.5505



62.4079, 39.9613, 81.8485



59.3749, 83.1471, 37.7316



18.6633, 18.2486, 22.1100



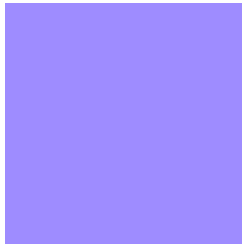
28.0094, 13.6931, 35.0296



2.7586, 1.3458, 3.5762

Previews

White Background



This preview shows how the XYZ color 41.5286, 33.2453, 98.8359 looks on a white background.

Color Contrast Check

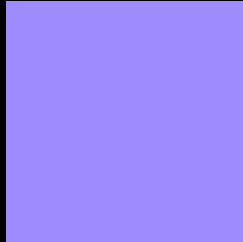
Large Text (above 18pt) WCAG AA × Fail

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 41.5286, 33.2453, 98.8359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

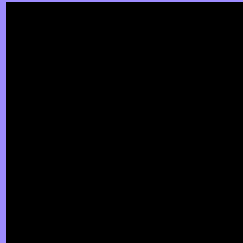
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5286, 33.2453, 98.8359

Background



This preview shows how black text looks on a background with the XYZ color 41.5286, 33.2453, 98.8359.



This preview shows how white text looks on a background with the XYZ color 41.5286, 33.2453,

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

41.5286, 33.2453, 98.8359

Protanopia

36.3807, 33.5799, 99.1718

Deuteranopia

34.4466, 33.3946, 95.8971



Tritanopia

30.4920, 33.2638, 43.8432

Trichromacy



Original Color

41.5286, 33.2453, 98.8359

Protanomaly

37.8458, 33.1456, 99.0108

Deuteranomaly

36.2228, 32.8340, 96.5239

Tritanomaly

33.7430, 32.8317, 60.4358

Monochromacy



Original Color

41.5286, 33.2453, 98.8359

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.7928, 33.2526, 55.0367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5286, 33.2453, 98.8359 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(158, 140, 255)` looks like.

```
.text, #text, p{  
    color:rgb(158, 140, 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(158, 140, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 140, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.5286, 33.2453, 98.8359 is called "border". The border property can be set on classes, ids or directly on the HTML element.

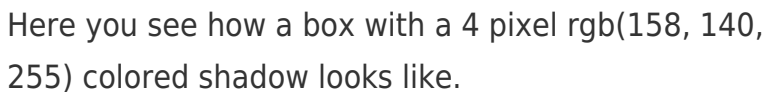
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 140, 255) }
```


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

```
.border{ border-color:rgb(158, 140, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 140, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 140, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 140, 255); box-shadow:4px 4px 4px 4px rgb(158, 140, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5286, 33.2453, 98.8359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 140, 255) }
```

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

```
.background{ background-color: rgb(158,  
140, 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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