

Converting Colors

XYZ(47.3110, 35.4966,
128.5048)

Have a look what the booklet for
XYZ(47.3110, 35.4966, 128.5048)
contains.

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Color

**XYZ(41.7262, 33.3471,
98.8452)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8CFF
RGB	159, 140, 255
RGB Percent	62%, 55%, 100%
CMY	0.3765, 0.4510, 0.0000
CMYK	0.38, 0.45, 0.00, 0.00
HSL	250°, 100%, 77%
HSV	250°, 45%, 100%
XYZ	41.7262, 33.3471, 98.8452
YIQ	158.7910, -25.5910, 39.7930

Conversions

Conversions Part 2

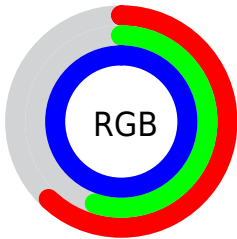
Format	Color
R_{YB}	159, 140, 255
Decimal	10456319
CIE _{Lab}	64.44, 33.28, -54.96
CIE _{LCh}	64, 64.254, 301.195
Yxy	33.3471, 0.2399, 0.1917
Android (android.graphics.Color)	4288646399 (0xFF9F8CFF)
YUV	158.7910, 47.4310, 0.1833
Hunter-Lab	57.7469, 27.9215, -61.0636

Details

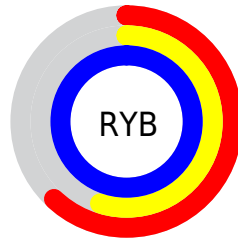
The XYZ color **41.7262, 33.3471, 98.8452** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **75.0852, 91.2460, 38.4667**, and the grayscale version is **32.6591, 34.3600, 37.4180**.

A 20% lighter version of the original color is **65.9571, 60.5553, 102.8198**, and **19.3287, 14.2143, 55.1510** is the 20% darker color. If you saturate the color by 10%, you get **34.5588, 24.7475, 97.5630**, and if you desaturate by 10%, it is **50.4861, 44.0501, 100.4494**.

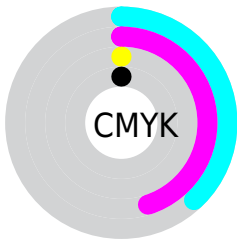
Distribution



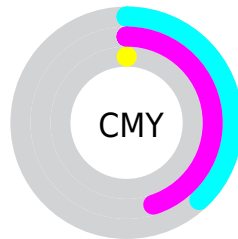
- Red (62%)
- Green (55%)
- Blue (100%)



- 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 41.7262, 33.3471, 98.8452 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 41.7262, 33.3471, 98.8452 by changing the saturation by 10% instead.

41.7262, 33.3471,
98.8452

41.7262, 33.3471,
98.8452

344.3576,
317.2109, 577.6989

29.0771, 22.3925,
74.7250

77.0528, 64.9171,
161.6073

19.2838, 14.1456,
54.8872

100.4611, 86.3012,
201.0863

11.9807, 8.2220,
38.9134

128.1865,
111.9306, 246.5219

6.8027, 4.2373,
26.3851

160.5944,
142.1897, 298.3328

3.3842, 1.8072,
16.8836

198.0501,
177.4629, 356.9373

1.3601, 0.4916,
9.9905

240.9189,

0.2275, 0.0000,

218.1346, 422.7542

5.2871

289.5663,
264.5891, 496.2019

■ 0.0000, 0.0000,
2.3550

■ 0.0000, 0.0000,
0.7618

■ 41.7262, 33.3471,
98.8452

■ 41.7262, 33.3471,
98.8452

■ 34.5588, 24.7475,
97.5630

■ 50.4861, 44.0501,
100.4494

■ 28.8826, 18.1078,
96.5806

■ 60.9242, 56.9803,
102.3950

■ 24.5899, 13.2716,
95.8734

■ 73.1242, 72.2559,
104.7005

■ 21.5564, 10.0566,
95.4127

■ 87.1632, 89.9857,
107.3827

■ 19.6335, 8.2406,
95.1635

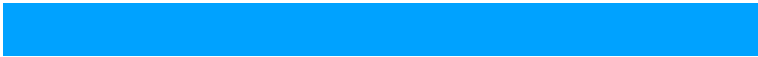
95.0500, 100.0000,
108.9000

■ 19.0104, 7.7151,
95.0949

Harmonies

Analogous

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



32.0643, 33.3471, 113.7411



41.7262, 33.3471, 98.8452



49.7790, 33.3471, 66.4568

Triad

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



41.7262, 33.3471, 98.8452



40.9664, 33.3471, 7.6114



17.1408, 33.3471, 37.3718

Complementary

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



41.7262, 33.3471, 98.8452



75.0852, 91.2460, 38.4667

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.



18.6265, 33.3471, 17.0177



41.7262, 33.3471, 98.8452



31.3294, 33.3471, 5.6168

Square

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



41.7262, 33.3471, 98.8452



49.2842, 33.3471, 15.9415



23.4167, 33.3471, 7.9888



18.8854, 33.3471, 69.2214

Rectangle

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



41.7262, 33.3471, 98.8452



52.4922, 33.3471, 44.5951



23.4167, 33.3471, 7.9888



17.2764, 33.3471, 29.1193

Sweetspot

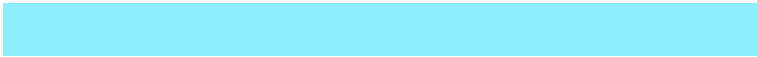
The Sweet Spot groups the original color and five complimentary colors.



41.7274, 33.3483, 98.8453



74.5733, 74.0793, 104.9760



59.3675, 73.7995, 105.7235



15.3563, 15.0945, 22.3541



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.



41.7274, 33.3483, 98.8453



35.2705, 25.5927, 97.6887



55.3797, 40.3863, 99.4842



17.2826, 17.5219, 22.7211



10.0149, 4.0733, 49.6930



1.0502, 0.4353, 4.8419

Inverse Universe

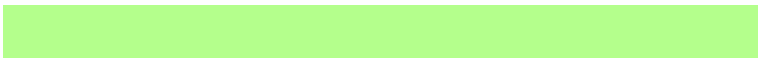
The Inverse Universe completely reimagines the original color for something new.



65.7585, 46.0729, 84.7824



62.2369, 39.8928, 80.9476



59.3748, 83.1470, 37.7315



18.6562, 18.2458, 22.0725



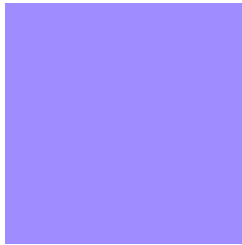
27.8632, 13.6346, 34.2597



2.7457, 1.3407, 3.5083

Previews

White Background



This preview shows how the XYZ color 41.7262, 33.3471, 98.8452 looks on a white background.

Color Contrast Check

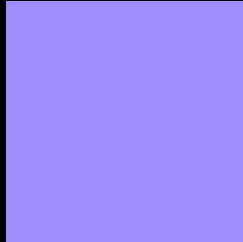
Large Text (above 18pt) WCAG AA × Fail

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 41.7262, 33.3471, 98.8452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

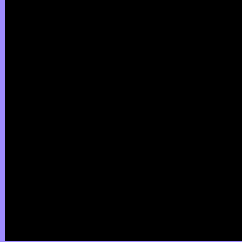
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7262, 33.3471, 98.8452

Background



This preview shows how black text looks on a background with the XYZ color 41.7262, 33.3471, 98.8452.



This preview shows how white text looks on a background with the XYZ color 41.7262, 33.3471,

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

41.7262, 33.3471, 98.8452

Protanopia

36.5115, 33.6473, 99.1780

Deuteranopia

34.7251, 33.7883, 95.9584



Tritanopia

30.6597, 33.3503, 43.8510

Trichromacy



Original Color

41.7262, 33.3471, 98.8452

Protanomaly

38.0000, 33.2251, 99.0180

Deuteranomaly

36.5225, 33.2264, 96.5839

Tritanomaly

33.9215, 32.9238, 60.4442

Monochromacy



Original Color

41.7262, 33.3471, 98.8452

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.2639, 33.7224, 55.6894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7262, 33.3471, 98.8452 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(159, 140, 255)` looks like.

```
.text, #text, p{  
    color:rgb(159, 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(159, 140, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 140, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.7262, 33.3471, 98.8452 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(159, 140, 255) }
```


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

```
.border{ border-color:rgb(159, 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(159, 140, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 140, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 140, 255);  
box-shadow:4px 4px 4px 4px rgb(159, 140,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7262, 33.3471, 98.8452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 140, 255) }
```

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

```
.background{ background-color: rgb(159,  
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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