

Converting Colors

XYZ(41.7371, 33.5998, 98.8934)

Have a look what the booklet for
XYZ(41.7371, 33.5998, 98.8934)
contains.

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Color

**XYZ(41.6754, 33.5389,
98.8849)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8DFF
RGB	158, 141, 255
RGB Percent	62%, 55%, 100%
CMY	0.3804, 0.4470, 0.0000
CMYK	0.38, 0.45, 0.00, 0.00
HSL	249°, 100%, 78%
HSV	249°, 45%, 100%
XYZ	41.6754, 33.5389, 98.8849
YIQ	159.0790, -26.4620, 39.0580

Conversions

Conversions Part 2

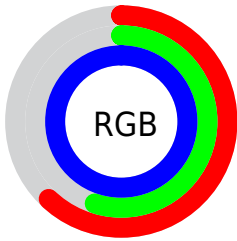
Format	Color
R _Y B	158, 141, 255
Decimal	10391039
CIE Lab	64.59, 32.46, -54.72
CIE LCh	65, 63.628, 300.677
Yxy	33.5389, 0.2394, 0.1926
Android (android.graphics.Color)	4288581119 (0xFF9E8DFF)
YUV	159.0790, 47.2891, -0.9463
Hunter-Lab	57.9128, 27.1054, -60.6975

Details

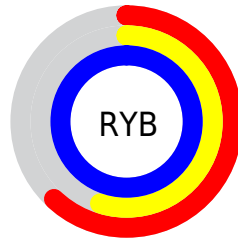
The XYZ color **41.6754, 33.5389, 98.8849** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **75.8274, 91.6201, 38.8883**, and the grayscale version is **32.7912, 34.4989, 37.5693**.

A 20% lighter version of the original color is **65.8840, 60.8491, 102.8803**, and **19.3010, 14.3261, 55.1740** is the 20% darker color. If you saturate the color by 10%, you get **34.4415, 24.8564, 97.5902**, and if you desaturate by 10%, it is **50.5306, 44.3430, 100.5035**.

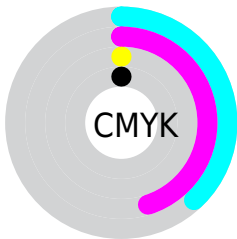
Distribution



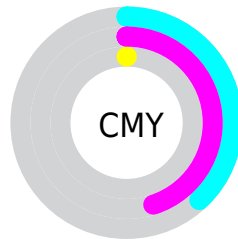
- Red (62%)
- Green (55%)
- Blue (100%)



- 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 41.6754, 33.5389, 98.8849 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 41.6754, 33.5389, 98.8849 by changing the saturation by 10% instead.

41.6754, 33.5389,
98.8849

41.6754, 33.5389,
98.8849

344.1501,
318.0711, 577.8277

29.0372, 22.5396,
74.7579

76.9764, 65.2160,
161.6624

19.2534, 14.2539,
54.9140

100.3699, 86.6625,
201.1500

11.9586, 8.2975,
38.9348

128.0791,
112.3603, 246.5949

6.7875, 4.2859,
26.4015

160.4696,
142.6937, 298.4157

3.3747, 1.8347,
16.8958

197.9066,
178.0471, 357.0308

1.3549, 0.5087,
9.9991

240.7554,

0.2237, 0.0000,

218.8048, 422.8588

5.2927

289.3815,
265.3514, 496.3183

■ 0.0000, 0.0000,
2.3583

■ 0.0000, 0.0000,
0.7636

■ 41.6754, 33.5389,
98.8849

■ 41.6754, 33.5389,
98.8849

■ 34.4415, 24.8564,
97.5902

■ 50.5306, 44.3430,
100.5035

■ 28.7254, 18.1512,
96.5973

■ 61.0948, 57.3932,
102.4657

■ 24.4173, 13.2664,
95.8815

■ 73.4533, 72.8084,
104.7898

■ 21.3900, 10.0190,
95.4142

■ 87.6851, 90.6979,
107.4927

■ 19.4922, 8.1868,
95.1606

95.0500, 100.0000,
108.9000

■ 18.8504, 7.6326,
95.0875

Harmonies

Analogous

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



32.0850, 33.5389, 113.1521



41.6754, 33.5389, 98.8849



49.7181, 33.5389, 67.0070

Triad

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



41.6754, 33.5389, 98.8849



41.2485, 33.5389, 7.9184



17.3748, 33.5389, 37.1137

Complementary

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



41.6754, 33.5389, 98.8849



75.8274, 91.6201, 38.8883

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.



18.9149, 33.5389, 17.0480



41.6754, 33.5389, 98.8849



31.6713, 33.5389, 5.8187

Square

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



41.6754, 33.5389, 98.8849



49.4404, 33.5389, 16.4380



23.7502, 33.5389, 8.1341



19.0613, 33.5389, 68.5566

Rectangle

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



41.6754, 33.5389, 98.8849



52.4747, 33.5389, 45.2630



23.7502, 33.5389, 8.1341



17.5288, 33.5389, 28.9791

Sweetspot

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



41.6766, 33.5401, 98.8850



75.7450, 75.6803, 105.2233



60.1363, 75.0857, 105.9312



15.5797, 15.4058, 22.4024



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.



41.6766, 33.5401, 98.8850



34.9004, 25.4019, 97.6713



55.0742, 40.4468, 99.5120



17.2551, 17.5077, 22.7198



9.9248, 4.0269, 49.6888



1.0373, 0.4287, 4.8413

Inverse Universe

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



66.1977, 46.4835, 86.3713



62.5543, 40.0198, 82.6194



60.0492, 83.4862, 38.1499



18.6694, 18.2511, 22.1419



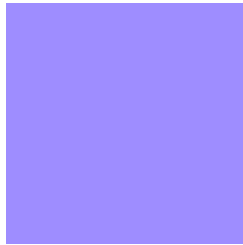
28.1353, 13.7434, 35.6924



2.7697, 1.3503, 3.6346

Previews

White Background



This preview shows how the XYZ color 41.6754, 33.5389, 98.8849 looks on a white background.

Color Contrast Check

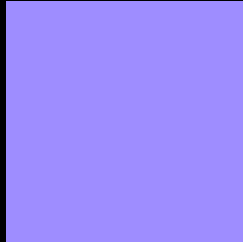
Large Text (above 18pt) WCAG AA × Fail

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 41.6754, 33.5389, 98.8849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

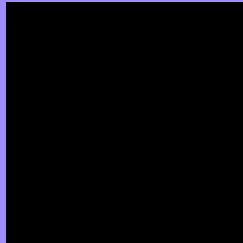
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.6754, 33.5389, 98.8849

Background



This preview shows how black text looks on a background with the XYZ color 41.6754, 33.5389, 98.8849.



This preview shows how white text looks on a background with the XYZ color 41.6754, 33.5389,

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

41.6754, 33.5389, 98.8849

Protanopia

36.6437, 33.7155, 99.1841

Deuteranopia

34.9945, 33.9089, 96.7961



Tritanopia

30.6647, 33.6091, 43.9007

Trichromacy



Original Color

41.6754, 33.5389, 98.8849

Protanomaly

38.1575, 33.5402, 99.0705

Deuteranomaly

36.8223, 33.3626, 97.4274

Tritanomaly

33.9060, 33.1577, 60.4902

Monochromacy



Original Color

41.6754, 33.5389, 98.8849

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 41.6754, 33.5389, 98.8849 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, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(158, 141, 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, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 141, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.6754, 33.5389, 98.8849 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, 141, 255) }
```


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

```
.border{ border-color:rgb(158, 141, 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, 141, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 141, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 141, 255);  
box-shadow:4px 4px 4px 4px rgb(158, 141,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6754, 33.5389, 98.8849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 141, 255) }
```

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

```
.background{ background-color: rgb(158,  
141, 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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