

Converting Colors

XYZ(41.3707, 34.4704, 99.3243)

Have a look what the booklet for
XYZ(41.3707, 34.4704, 99.3243)
contains.

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Color

**XYZ(41.2778, 34.4532,
99.0823)**

Conversions

Conversions Part 1

Format	Color
Hex	9892FF
RGB	152, 146, 255
RGB Percent	60%, 57%, 100%
CMY	0.4039, 0.4274, 0.0000
CMYK	0.40, 0.43, 0.00, 0.00
HSL	243°, 100%, 79%
HSV	243°, 43%, 100%
XYZ	41.2778, 34.4532, 99.0823
YIQ	160.2200, -31.4130, 35.1710

Conversions

Conversions Part 2

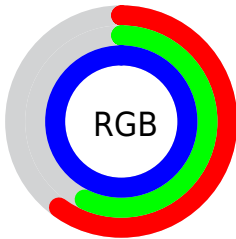
Format	Color
R _Y B	152, 146, 255
Decimal	9999103
CIE Lab	65.32, 28.12, -53.60
CIE LCh	65, 60.531, 297.684
Yxy	34.4532, 0.2361, 0.1971
Android (android.graphics.Color)	4288189183 (0xFF9892FF)
YUV	160.2200, 46.7265, -7.2089
Hunter-Lab	58.6968, 22.8083, -58.9958

Details

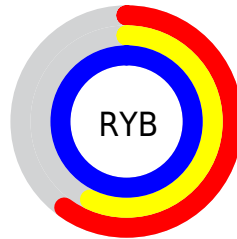
The XYZ color **41.2778, 34.4532, 99.0823** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **80.0147, 93.7348, 41.0705**, and the grayscale version is **33.3178, 35.0529, 38.1726**.

A 20% lighter version of the original color is **65.2826, 62.2302, 103.1786**, and **19.0046, 14.6945, 55.2608** is the 20% darker color. If you saturate the color by 10%, you get **33.7154, 25.3563, 97.7250**, and if you desaturate by 10%, it is **50.6352, 45.7778, 100.7750**.

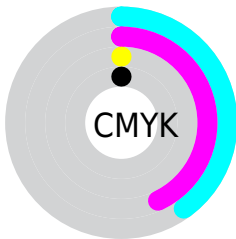
Distribution



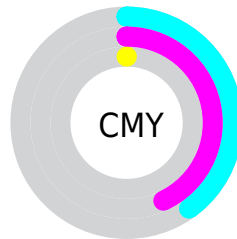
- Red (60%)
- Green (57%)
- Blue (100%)



- Red (60%)
- Yellow (57%)
- Blue (100%)



- Cyan (40%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2778, 34.4532, 99.0823 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 41.2778, 34.4532, 99.0823 by changing the saturation by 10% instead.

■ 41.2778, 34.4532,
99.0823

■ 41.2778, 34.4532,
99.0823

342.5231,
322.1482, 578.4679

■ 28.7248, 23.2420,
74.9217

■ 76.3775, 66.6378,
161.9363

■ 19.0160, 14.7723,
55.0474

■ 99.6549, 88.3800,
201.4669

■ 11.7859, 8.6597,
39.0408

127.2379,
114.4013, 246.9579

■ 6.6692, 4.5199,
26.4834

159.4917,
145.0861, 298.8278

■ 3.3006, 1.9684,
16.9566

196.7818,
180.8188, 357.4953

■ 1.3146, 0.5890,
10.0420

239.4735,

■ 0.1941, 0.0000,

221.9837, 423.3787

5.3208

287.9322,
268.9654, 496.8968

■ 0.0000, 0.0000,
2.3747

■ 0.0000, 0.0000,
0.7726

■ 41.2778, 34.4532,
99.0823

■ 41.2778, 34.4532,
99.0823

■ 33.7154, 25.3563,
97.7250

■ 50.6352, 45.7778,
100.7750

■ 27.8297, 18.3367,
96.6803

■ 61.8887, 59.4600,
102.8228

■ 23.4936, 13.2315,
95.9234

■ 75.1360, 75.6239,
105.2445

■ 20.5606, 9.8514,
95.4256

■ 90.4672, 94.3838,
108.0575

■ 18.8556, 7.9686,
95.1520

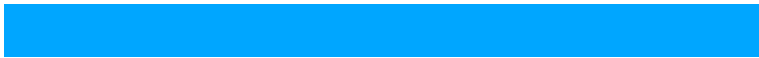
95.0500, 100.0000,
108.9000

■ 18.2318, 7.3137,
95.0585

Harmonies

Analogous

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



32.0659, 34.4532, 110.0130



41.2778, 34.4532, 99.0823



49.2782, 34.4532, 69.9432

Triad

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



41.2778, 34.4532, 99.0823



42.6790, 34.4532, 9.6120



18.5523, 34.4532, 35.5842

Complementary

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



41.2778, 34.4532, 99.0823



80.0147, 93.7348, 41.0705

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.



20.4001, 34.4532, 17.0733



41.2778, 34.4532, 99.0823



33.4371, 34.4532, 6.8974

Square

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



41.2778, 34.4532, 99.0823



50.1840, 34.4532, 19.1656



25.4804, 34.4532, 8.8415



19.9041, 34.4532, 64.9168

Rectangle

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



41.2778, 34.4532, 99.0823



52.2749, 34.4532, 48.8611



25.4804, 34.4532, 8.8415



18.8113, 34.4532, 28.0751

Sweetspot

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



41.2790, 34.4544, 99.0825



74.7714, 75.1784, 105.1777



63.9505, 81.4232, 106.9534



15.3431, 15.2838, 22.3913



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.



41.2790, 34.4544, 99.0825



34.9104, 26.7891, 97.9386



53.7693, 40.8934, 99.6670



17.0955, 17.4255, 22.7124



9.5634, 3.8406, 49.6718



0.9623, 0.3900, 4.8378

Inverse Universe

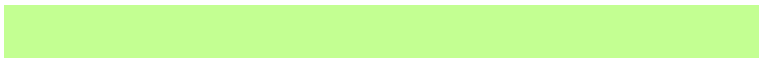
The Inverse Universe completely reimagines the original color for something new.



68.6178, 48.6580, 95.3962



65.4855, 42.6819, 93.4627



63.4675, 85.2043, 40.2962



18.7469, 18.2821, 22.5504



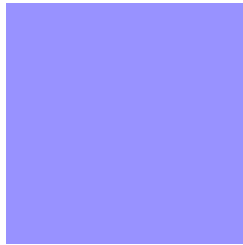
29.8604, 14.4335, 44.7770



2.9201, 1.4104, 4.4266

Previews

White Background



This preview shows how the XYZ color 41.2778, 34.4532, 99.0823 looks on a white background.

Color Contrast Check

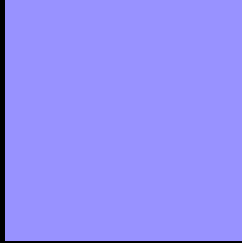
Large Text (above 18pt) WCAG AA × Fail

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 41.2778, 34.4532, 99.0823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

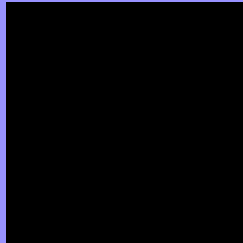
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2778, 34.4532, 99.0823

Background



This preview shows how black text looks on a background with the XYZ color 41.2778, 34.4532, 99.0823.



This preview shows how white text looks on a background with the XYZ color 41.2778, 34.4532,

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

41.2778, 34.4532, 99.0823

Protanopia

37.3791, 34.5846, 99.3132

Deuteranopia

35.7945, 34.8278, 96.9313



Tritanopia

30.6065, 34.3155, 46.0847

Trichromacy



Original Color

41.2778, 34.4532, 99.0823

Protanomaly

38.6383, 34.5018, 99.2308

Deuteranomaly

37.3113, 34.3406, 97.5904

Tritanomaly

33.8916, 34.0972, 62.5527

Monochromacy



Original Color

41.2778, 34.4532, 99.0823

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.4763, 34.5509, 56.4290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2778, 34.4532, 99.0823 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(152, 146, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 146, 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(152, 146, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 146, 255) }
```

Border

The CSS property to change the border of an element to XYZ 41.2778, 34.4532, 99.0823 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(152, 146, 255) }
```


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

```
.border{ border-color:rgb(152, 146, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 146, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 146, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 146, 255); box-shadow:4px 4px 4px 4px rgb(152, 146, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2778, 34.4532, 99.0823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 146, 255) }
```

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

```
.background{ background-color: rgb(152,  
146, 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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