

Converting Colors

XYZ(44.0689, 33.5259, 98.7562)

Have a look what the booklet for
XYZ(44.0689, 33.5259, 98.7562)
contains.

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Color

**XYZ(43.9476, 33.4322,
98.7445)**

Conversions

Conversions Part 1

Format	Color
Hex	AD87FF
RGB	173, 135, 255
RGB Percent	68%, 53%, 100%
CMY	0.3216, 0.4706, 0.0000
CMYK	0.32, 0.47, 0.00, 0.00
HSL	259°, 100%, 76%
HSV	259°, 47%, 100%
XYZ	43.9476, 33.4322, 98.7445
YIQ	160.0420, -15.8720, 45.3760

Conversions

Conversions Part 2

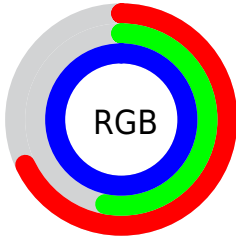
Format	Color
R_{YB}	173, 135, 255
Decimal	11372543
CIE _{Lab}	64.51, 39.61, -54.78
CIE _{LCh}	65, 67.602, 305.872
Yxy	33.4322, 0.2495, 0.1898
Android (android.graphics.Color)	4289562623 (0xFFAD87FF)
YUV	160.0420, 46.8143, 11.3642
Hunter-Lab	57.8206, 34.4862, -60.7795

Details

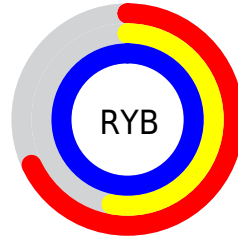
The XYZ color **43.9476, 33.4322, 98.7445** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **68.7483, 88.0209, 36.2890**, and the grayscale version is **33.2304, 34.9610, 38.0725**.

A 20% lighter version of the original color is **69.2026, 60.6041, 102.6581**, and **20.6995, 14.1998, 55.0759** is the 20% darker color. If you saturate the color by 10%, you get **37.2015, 25.2909, 97.5286**, and if you desaturate by 10%, it is **52.0505, 43.5387, 100.2682**.

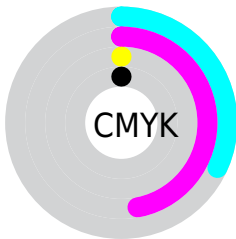
Distribution



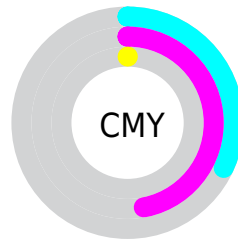
- Red (68%)
- Green (53%)
- Blue (100%)



- Red (68%)
- Yellow (53%)
- Blue (100%)



- Cyan (32%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)





- Cyan (32%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9476, 33.4322, 98.7445 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 43.9476, 33.4322, 98.7445 by changing the saturation by 10% instead.


 43.9476, 33.4322,
98.7445

 43.9476, 33.4322,
98.7445

353.3502,
317.5928, 577.3721


 30.8271, 22.4577,
74.6414


 80.3857, 65.0497,
161.4676

 20.6184, 14.1936,
54.8192


 104.4340, 86.4616,
200.9246

 12.9562, 8.2555,
38.8594


 132.8556,
112.1213, 246.3367

 7.4752, 4.2588,
26.3433

166.0158,
142.4134, 298.1224

 3.8100, 1.8194,
16.8526

204.2800,
177.7222, 356.7003

 1.5952, 0.4992,
9.9686

248.0136,

 0.3893, 0.0000,

218.4321, 422.4888

5.2728

297.5819,
264.9275, 495.9066

■ 0.0000, 0.0000,
2.3467

■ 0.0000, 0.0000,
0.7572

■ 43.9476, 33.4322,
98.7445

■ 43.9476, 33.4322,
98.7445

■ 37.2015, 25.2909,
97.5286

■ 52.0505, 43.5387,
100.2682

■ 31.7274, 18.9776,
96.5986

■ 61.5806, 55.7276,
102.1186

■ 27.4359, 14.3425,
95.9301

■ 72.6073, 70.1109,
104.3137

■ 24.2226, 11.2095,
95.4947

■ 85.1944, 86.7917,
106.8700

■ 21.9582, 9.3557,
95.2562

95.0500, 100.0000,
108.9000

■ 21.4223, 8.9585,
95.2078

Harmonies

Analogous

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



33.7142, 33.4322, 119.0773



43.9476, 33.4322, 98.7445



51.9161, 33.4322, 62.7583

Triad

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



43.9476, 33.4322, 98.7445



39.9881, 33.4322, 6.2411



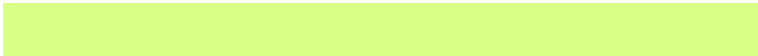
16.6517, 33.4322, 42.1185

Complementary

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



43.9476, 33.4322, 98.7445



68.7483, 88.0209, 36.2890

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.



17.6628, 33.4322, 18.7021



43.9476, 33.4322, 98.7445



29.9141, 33.4322, 4.9879

Square

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



43.9476, 33.4322, 98.7445



49.3251, 33.4322, 13.2848



22.0893, 33.4322, 8.0754



18.9785, 33.4322, 77.3066

Rectangle

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



43.9476, 33.4322, 98.7445



54.1307, 33.4322, 40.3665



22.0893, 33.4322, 8.0754



16.6197, 33.4322, 32.7059

Sweetspot

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



43.9488, 33.4334, 98.7447



76.2877, 74.9631, 105.0563



52.8552, 61.9973, 103.7886



15.7696, 15.3075, 22.3735



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.



43.9488, 33.4334, 98.7447



37.8535, 26.0632, 97.6433



60.3188, 41.8724, 99.5108



17.5443, 17.6568, 22.7334



11.3294, 4.7510, 49.7545



1.2107, 0.5180, 4.8495

Inverse Universe

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



62.4286, 43.5984, 70.7698



58.6614, 37.5346, 64.9807



54.0384, 80.4377, 35.6006



18.5335, 18.1967, 21.4265



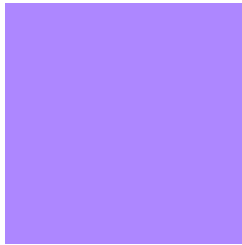
25.6241, 12.7390, 22.4690



2.5445, 1.2602, 2.4490

Previews

White Background



This preview shows how the XYZ color 43.9476, 33.4322, 98.7445 looks on a white background.

Color Contrast Check

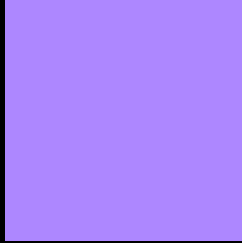
Large Text (above 18pt) WCAG AA × Fail

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 43.9476, 33.4322, 98.7445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

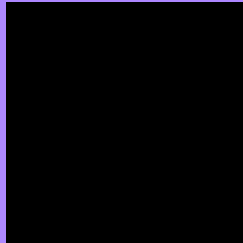
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9476, 33.4322, 98.7445

Background



This preview shows how black text looks on a background with the XYZ color 43.9476, 33.4322, 98.7445.



This preview shows how white text looks on a background with the XYZ color 43.9476, 33.4322,

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

43.9476, 33.4322, 98.7445

Protanopia

36.5115, 33.6473, 99.1780

Deuteranopia

34.7918, 33.8408, 95.1407



Tritanopia

32.3068, 33.2384, 41.7587

Trichromacy



Original Color

43.9476, 33.4322, 98.7445

Protanomaly

38.4822, 33.0120, 98.9515

Deuteranomaly

37.2202, 33.1124, 96.5251

Tritanomaly

35.9155, 33.0313, 59.1263

Monochromacy



Original Color

43.9476, 33.4322, 98.7445

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

36.4340, 34.0727, 56.2862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9476, 33.4322, 98.7445 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, 135, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 135, 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, 135, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 135, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.9476, 33.4322, 98.7445 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, 135, 255) }
```


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

```
.border{ border-color:rgb(173, 135, 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, 135, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 135, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 135, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 135,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9476, 33.4322, 98.7445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 135, 255) }
```

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

```
.background{ background-color: rgb(173,  
135, 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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