

Converting Colors

XYZ(63.9063, 45.9999,
130.9608)

Have a look what the booklet for
XYZ(63.9063, 45.9999, 130.9608)
contains.

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Color

**XYZ(57.8533, 43.4599,
99.9471)**

Conversions

Conversions Part 1

Format	Color
Hex	DB94FF
RGB	219, 148, 255
RGB Percent	86%, 58%, 100%
CMY	0.1412, 0.4196, 0.0000
CMYK	0.14, 0.42, 0.00, 0.00
HSL	280°, 100%, 79%
HSV	280°, 42%, 100%
XYZ	57.8533, 43.4599, 99.9471
YIQ	181.4270, 7.9690, 48.3290

Conversions

Conversions Part 2

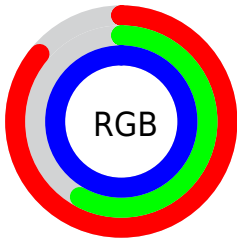
Format	Color
RYB	219, 148, 255
Decimal	14390527
CIELab	71.87, 45.01, -42.88
CIELCh	72, 62.163, 316.388
Yxy	43.4599, 0.2875, 0.2159
Android (android.graphics.Color)	4292580607 (0xFFDB94FF)
YUV	181.4270, 36.2715, 32.9515
Hunter-Lab	65.9241, 41.2798, -43.7423

Details

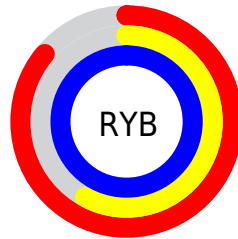
The XYZ color **57.8533, 43.4599, 99.9471** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **60.8734, 83.8489, 40.9950**, and the grayscale version is **43.9601, 46.2494, 50.3656**.

A 20% lighter version of the original color is **80.6459, 71.1919, 104.0986**, and **29.1855, 19.9430, 55.7372** is the 20% darker color. If you saturate the color by 10%, you get **51.7706, 35.0271, 98.6400**, and if you desaturate by 10%, it is **64.9528, 53.7266, 101.5546**.

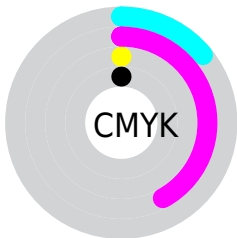
Distribution



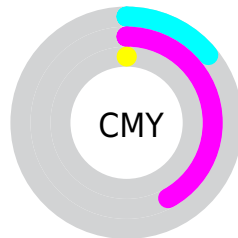
- Red (86%)
- Green (58%)
- Blue (100%)



- Red (86%)
- Yellow (58%)
- Blue (100%)



- Cyan (14%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.8533, 43.4599, 99.9471 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 57.8533, 43.4599, 99.9471 by changing the saturation by 10% instead.


 57.8533, 43.4599,
99.9471


 57.8533, 43.4599,
99.9471


406.6018,
360.4997, 581.2683

 41.9335, 30.2461,
75.6397


 100.8334, 80.4044,
163.1357

 29.2401, 20.0255,
55.6322

 128.6244,
104.9039, 202.8541

 19.4077, 12.4136,
39.5061


161.1032,
133.9342, 248.5464

 12.0710, 7.0260,
26.8428

198.6352,
167.8795, 300.6314

 6.8646, 3.4784,
17.2238

241.5857,
207.1243, 359.5276

 3.4231, 1.3863,
10.2306

290.3201,

 1.3813, 0.2066,

252.0530, 425.6534

5.4445

345.2036,
303.0500, 499.4275

■ 0.2428, 0.0000,
2.4471

■ 0.0000, 0.0000,
0.8119

■ 57.8533, 43.4599,
99.9471

■ 57.8533, 43.4599,
99.9471

■ 51.7706, 35.0271,
98.6400

■ 64.9528, 53.7266,
101.5546

■ 46.6400, 28.3050,
97.6130

■ 73.1200, 65.9293,
103.4795

■ 42.3953, 23.1632,
96.8442

■ 82.4070, 80.1687,
105.7385

■ 38.9589, 19.4495,
96.3085

■ 92.8614, 96.5367,
108.3469

■ 36.2376, 16.9808, 95.0500, 100.0000,
95.9754 108.9000

■ 34.4567, 15.6780,
95.8178

Harmonies

Analogous

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



47.3158, 43.4599, 128.0932



57.8533, 43.4599, 99.9471



64.3972, 43.4599, 62.3968

Triad

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



57.8533, 43.4599, 99.9471



46.2817, 43.4599, 10.2821



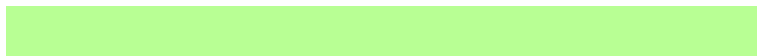
24.7052, 43.4599, 65.7314

Complementary

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



57.8533, 43.4599, 99.9471



60.8734, 83.8489, 40.9950

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.



24.5246, 43.4599, 34.8921



57.8533, 43.4599, 99.9471



35.8304, 43.4599, 10.5483

Square

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



57.8533, 43.4599, 99.9471



56.9857, 43.4599, 16.4339



28.2615, 43.4599, 17.4394



28.8058, 43.4599, 103.2673

Rectangle

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



57.8533, 43.4599, 99.9471



64.9974, 43.4599, 41.1310



28.2615, 43.4599, 17.4394



24.2116, 43.4599, 54.1016

Sweetspot

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



57.8547, 43.4617, 99.9474



81.3866, 78.5886, 105.4873



47.7074, 48.4041, 101.4362



16.9659, 16.1204, 22.4673



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.



57.8547, 43.4617, 99.9474



52.8854, 36.5407, 98.8734



67.4033, 48.6703, 87.4649



18.1642, 17.9764, 22.7624



18.1698, 8.2774, 50.0746



1.8856, 0.8660, 4.8810

Inverse Universe

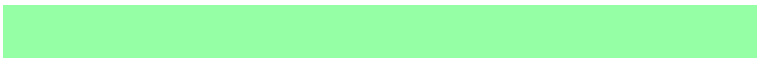
The Inverse Universe completely reimagines the original color for something new.



60.4826, 45.9020, 51.0209



56.1874, 39.4855, 42.8871



54.6793, 80.4986, 47.8034



18.2615, 18.0879, 19.9941



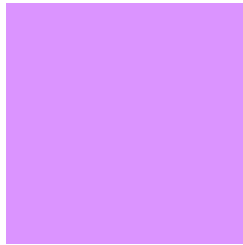
22.4840, 11.4829, 5.9334



2.2377, 1.1374, 0.8331

Previews

White Background



This preview shows how the XYZ color 57.8533, 43.4599, 99.9471 looks on a white background.

Color Contrast Check

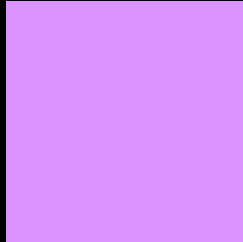
Large Text (above 18pt) WCAG AA × Fail

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 57.8533, 43.4599, 99.9471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

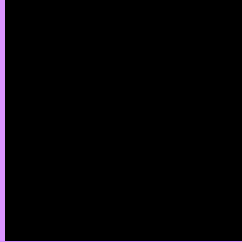
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8533, 43.4599, 99.9471

Background



This preview shows how black text looks on a background with the XYZ color 57.8533, 43.4599, 99.9471.



This preview shows how white text looks on a background with the XYZ color 57.8533, 43.4599,

99.9471.

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

57.8533, 43.4599, 99.9471

Protanopia

45.5805, 43.8817, 100.6754

Deuteranopia

44.9797, 43.9516, 96.5553



Tritanopia

47.2231, 43.3900, 48.0057

Trichromacy



Original Color

57.8533, 43.4599, 99.9471



Protanomaly

48.9607, 43.1289, 100.3520



Deuteranomaly

48.4814, 42.9372, 97.8279

Tritanomaly

50.4027, 43.1014, 64.0554

Monochromacy



Original Color

57.8533, 43.4599, 99.9471



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

48.0788, 44.5321, 65.7360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8533, 43.4599, 99.9471 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(219, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 148, 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(219, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 148, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.8533, 43.4599, 99.9471 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(219, 148, 255) }
```


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

```
.border{ border-color:rgb(219, 148, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 148,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8533, 43.4599, 99.9471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 148, 255) }
```

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

```
.background{ background-color: rgb(219,  
148, 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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