

Converting Colors

XYZ(58.0008, 42.3521, 99.7255)

Have a look what the booklet for
XYZ(58.0008, 42.3521, 99.7255)
contains.

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Color

**XYZ(57.9967, 42.3945,
99.7339)**

Conversions

Conversions Part 1

Format	Color
Hex	DE8FFF
RGB	222, 143, 255
RGB Percent	87%, 56%, 100%
CMY	0.1294, 0.4392, 0.0000
CMYK	0.13, 0.44, 0.00, 0.00
HSL	282°, 100%, 78%
HSV	282°, 44%, 100%
XYZ	57.9967, 42.3945, 99.7339
YIQ	179.3890, 11.1320, 51.5800

Conversions

Conversions Part 2

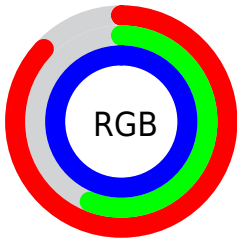
Format	Color
R _Y B	222, 143, 255
Decimal	14585855
CIE Lab	71.14, 48.48, -43.99
CIE LCh	71, 65.461, 317.780
Yxy	42.3945, 0.2898, 0.2118
Android (android.graphics.Color)	4292775935 (0xFFDE8FFF)
YUV	179.3890, 37.2762, 37.3698
Hunter-Lab	65.1111, 45.0518, -45.2397

Details

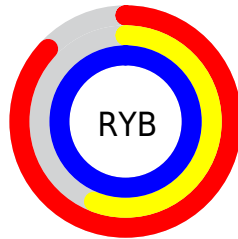
The XYZ color **57.9967, 42.3945, 99.7339** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **58.6232, 82.7336, 38.8677**, and the grayscale version is **42.8596, 45.0917, 49.1048**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **29.3663, 19.3889, 55.6207** is the 20% darker color. If you saturate the color by 10%, you get **52.3448, 34.4303, 98.4946**, and if you desaturate by 10%, it is **64.6238, 52.1548, 101.2686**.

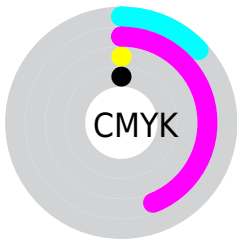
Distribution



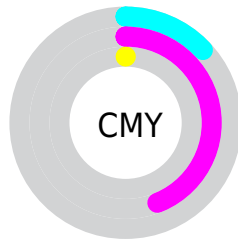
- Red (87%)
- Green (56%)
- Blue (100%)



- Red (87%)
- Yellow (56%)
- Blue (100%)



- Cyan (13%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)




- Cyan (13%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9967, 42.3945, 99.7339 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 57.9967, 42.3945, 99.7339 by changing the saturation by 10% instead.


 57.9967, 42.3945,
99.7339

 57.9967, 42.3945,
99.7339


407.1277,
356.1157, 580.5786

 42.0492, 29.4103,
75.4627


 101.0410, 78.7963,
162.8401

 29.3311, 19.3914,
55.4880


 128.8687,
102.9828, 202.5122

 19.4770, 11.9535,
39.3913

161.3870,
131.6721, 248.1550

 12.1215, 6.7120,
26.7541

198.9615,
165.2487, 300.1871

 6.8993, 3.2826,
17.1578

241.9574,
204.0970, 359.0269

 3.4449, 1.2810,
10.1839

290.7402,

 1.3932, 0.1264,

248.6013, 425.0931

5.4139

345.6752,
299.1461, 498.8041

■ 0.2514, 0.0000,
2.4291

■ 0.0000, 0.0000,
0.8023

■ 57.9967, 42.3945,
99.7339

■ 57.9967, 42.3945,
99.7339

■ 52.3448, 34.4303,
98.4946

■ 64.6238, 52.1548,
101.2686

■ 47.6030, 28.1370,
97.5298

■ 72.2774, 63.8150,
103.1158

■ 43.7041, 23.3812,
96.8173

■ 81.0098, 77.4768,
105.2926

■ 40.5687, 20.0061,
96.3311

■ 90.8685, 93.2332,
107.8143

■ 38.1001, 17.8205, 95.0500, 100.0000,
96.0393 108.9000

■ 36.8419, 16.9076,
95.9294

Harmonies

Analogous

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



47.0762, 42.3945, 130.7471



57.9967, 42.3945, 99.7339



64.5909, 42.3945, 60.1458

Triad

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



57.9967, 42.3945, 99.7339



44.9206, 42.3945, 8.7380



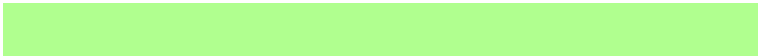
23.3786, 42.3945, 67.1440

Complementary

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



57.9967, 42.3945, 99.7339



58.6232, 82.7336, 38.8677

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.



23.0127, 42.3945, 34.5306



57.9967, 42.3945, 99.7339



34.1979, 42.3945, 9.2469

Square

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



57.9967, 42.3945, 99.7339



56.1743, 42.3945, 14.3447



26.6199, 42.3945, 16.3281



27.7310, 42.3945, 106.8104

Rectangle

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



57.9967, 42.3945, 99.7339



64.9799, 42.3945, 38.4655



26.6199, 42.3945, 16.3281



22.8181, 42.3945, 54.8187

Sweetspot

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



57.9981, 42.3962, 99.7342



81.8690, 78.8373, 105.5099



45.0223, 44.3477, 100.7948



17.0855, 16.1820, 22.4729



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.



57.9981, 42.3962, 99.7342



52.8258, 35.0913, 98.5968



65.7141, 46.7666, 82.3555



18.2409, 18.0159, 22.7660



19.4074, 8.9154, 50.1325



1.9991, 0.9245, 4.8864

Inverse Universe

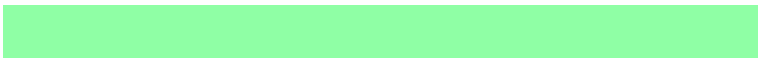
The Inverse Universe completely reimagines the original color for something new.



58.8998, 44.0409, 46.4716



54.2547, 37.1834, 37.4239



53.9168, 80.0914, 48.4076



18.2295, 18.0751, 19.8258



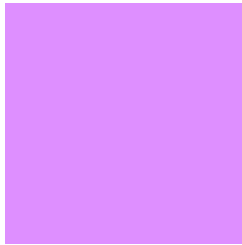
22.2711, 11.3978, 4.8124



2.2138, 1.1279, 0.7074

Previews

White Background



This preview shows how the XYZ color 57.9967, 42.3945, 99.7339 looks on a white background.

Color Contrast Check

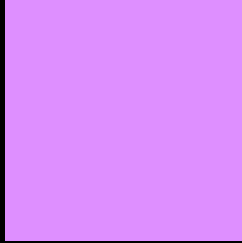
Large Text (above 18pt) WCAG AA × Fail

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 57.9967, 42.3945, 99.7339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

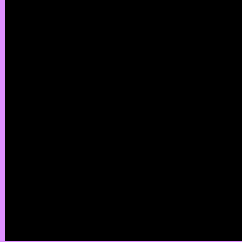
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9967, 42.3945, 99.7339

Background



This preview shows how black text looks on a background with the XYZ color 57.9967, 42.3945, 99.7339.



This preview shows how white text looks on a background with the XYZ color 57.9967, 42.3945,

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

57.9967, 42.3945, 99.7339

Protanopia

44.6566, 42.8360, 100.5223

Deuteranopia

43.8965, 42.8377, 95.5774



Tritanopia

46.9632, 42.2474, 45.7237

Trichromacy



Original Color

57.9967, 42.3945, 99.7339



Protanomaly

48.2504, 41.7084, 100.1152



Deuteranomaly

47.7885, 41.8044, 96.8171

Tritanomaly

50.0666, 41.7191, 61.9137

Monochromacy



Original Color

57.9967, 42.3945, 99.7339



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

47.4044, 43.3795, 64.9061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9967, 42.3945, 99.7339 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(222, 143, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 143, 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(222, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 143, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.9967, 42.3945, 99.7339 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(222, 143, 255) }
```


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

```
.border{ border-color:rgb(222, 143, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 143, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 143,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9967, 42.3945, 99.7339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 143, 255) }
```

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

```
.background{ background-color: rgb(222,  
143, 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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