

Converting Colors

XYZ(57.1987, 41.9397, 99.6882)

Have a look what the booklet for
XYZ(57.1987, 41.9397, 99.6882)
contains.

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Color

**XYZ(57.0859, 41.9250,
99.6913)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8FFF
RGB	219, 143, 255
RGB Percent	86%, 56%, 100%
CMY	0.1412, 0.4392, 0.0000
CMYK	0.14, 0.44, 0.00, 0.00
HSL	281°, 100%, 78%
HSV	281°, 44%, 100%
XYZ	57.0859, 41.9250, 99.6913
YIQ	178.4920, 9.3440, 50.9440

Conversions

Conversions Part 2

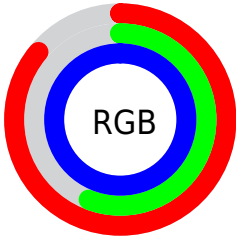
Format	Color
R _Y B	219, 143, 255
Decimal	14389247
CIE Lab	70.82, 47.64, -44.52
CIE LCh	71, 65.201, 316.939
Yxy	41.9250, 0.2873, 0.2110
Android (android.graphics.Color)	4292579327 (0xFFDB8FFF)
YUV	178.4920, 37.7184, 35.5255
Hunter-Lab	64.7495, 44.0615, -45.9609

Details

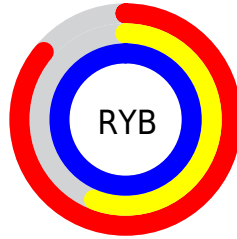
The XYZ color **57.0859, 41.9250, 99.6913** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **59.3091, 83.0872, 38.8999**, and the grayscale version is **42.3816, 44.5888, 48.5572**.

A 20% lighter version of the original color is **79.4841, 68.8682, 103.7114**, and **28.7495, 19.0709, 55.5919** is the 20% darker color. If you saturate the color by 10%, you get **51.2787, 33.8807, 98.4447**, and if you desaturate by 10%, it is **63.8872, 51.7751, 101.2341**.

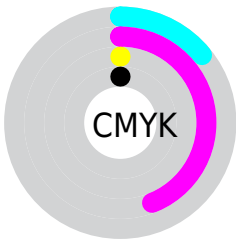
Distribution



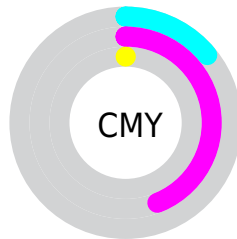
- Red (86%)
- Green (56%)
- Blue (100%)



- Red (86%)
- Yellow (56%)
- Blue (100%)



- Cyan (14%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0859, 41.9250, 99.6913 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 57.0859, 41.9250, 99.6913 by changing the saturation by 10% instead.

 57.0859, 41.9250,
99.6913


 57.0859, 41.9250,
99.6913


403.7801,
354.1719, 580.4407

 41.3146, 29.0426,
75.4273

 99.7212, 78.0861,
162.7811

 28.7538, 19.1130,
55.4592


 127.3158,
102.1336, 202.4439

 19.0380, 11.7520,
39.3684

159.5824,
130.6715, 248.0768

 11.8019, 6.5750,
26.7364

196.8861,
164.0843, 300.0983

 6.6802, 3.1978,
17.1447

239.5924,
202.7563, 358.9269

 3.3074, 1.2358,
10.1746

288.0666,

 1.3183, 0.0907,

247.0720, 424.9811

5.4078

342.6740,
297.4158, 498.6795

■ 0.1969, 0.0000,
2.4256

■ 0.0000, 0.0000,
0.8003

■ 57.0859, 41.9250,
99.6913

■ 57.0859, 41.9250,
99.6913

■ 51.2787, 33.8807,
98.4447

■ 63.8872, 51.7751,
101.2341

■ 46.4001, 27.5169,
97.4735

■ 71.7342, 63.5350,
103.0904

■ 42.3823, 22.6998,
96.7554

■ 80.6798, 77.3066,
105.2771

■ 39.1457, 19.2726,
96.2645

■ 90.7716, 93.1832,
107.8097

■ 36.5931, 17.0436,
95.9688

95.0500, 100.0000,
108.9000

■ 35.2920, 16.1086,
95.8569

Harmonies

Analogous

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



46.2303, 41.9250, 129.7926



57.0859, 41.9250, 99.6913



63.7768, 41.9250, 60.5000

Triad

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



57.0859, 41.9250, 99.6913



44.7432, 41.9250, 8.7095



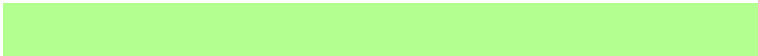
23.0599, 41.9250, 65.3281

Complementary

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



57.0859, 41.9250, 99.6913



59.3091, 83.0872, 38.8999

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.



22.8075, 41.9250, 33.4522



57.0859, 41.9250, 99.6913



34.0827, 41.9250, 9.0604

Square

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



57.0859, 41.9250, 99.6913



55.8285, 41.9250, 14.4648



26.4855, 41.9250, 15.8326



27.2519, 41.9250, 104.5741

Rectangle

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



57.0859, 41.9250, 99.6913



64.3067, 41.9250, 38.8149



26.4855, 41.9250, 15.8326



22.5423, 41.9250, 53.2420

Sweetspot

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



57.0873, 41.9267, 99.6916



81.5595, 78.6778, 105.4954



45.7677, 45.8385, 101.0432



17.0087, 16.1425, 22.4693



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.



57.0873, 41.9267, 99.6916



51.7732, 34.5487, 98.5476



66.2520, 46.9818, 85.1881



18.1917, 17.9906, 22.7637



18.6035, 8.5009, 50.0949



1.9255, 0.8865, 4.8829

Inverse Universe

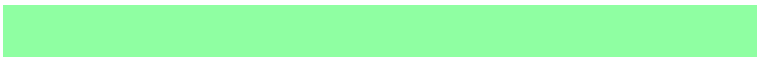
The Inverse Universe completely reimagines the original color for something new.



59.2000, 44.1610, 48.0526



54.5753, 37.3116, 39.1121



53.5808, 79.9570, 46.6382



18.2500, 18.0833, 19.9335



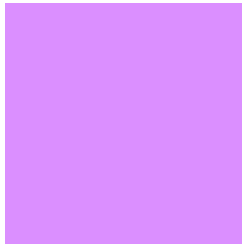
22.4039, 11.4508, 5.5112



2.2288, 1.1339, 0.7863

Previews

White Background



This preview shows how the XYZ color 57.0859, 41.9250, 99.6913 looks on a white background.

Color Contrast Check

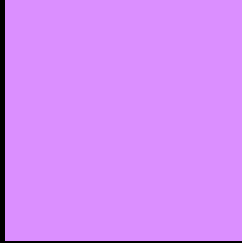
Large Text (above 18pt) WCAG AA × Fail

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 57.0859, 41.9250, 99.6913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

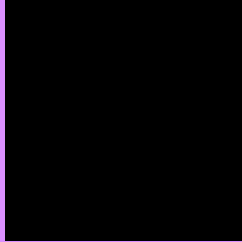
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0859, 41.9250, 99.6913

Background



This preview shows how black text looks on a background with the XYZ color 57.0859, 41.9250, 99.6913.



This preview shows how white text looks on a background with the XYZ color 57.0859, 41.9250,

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

57.0859, 41.9250, 99.6913

Protanopia

44.2900, 42.3656, 100.4508

Deuteranopia

43.3530, 42.2739, 95.4973



Tritanopia

46.1170, 41.8111, 45.6841

Trichromacy



Original Color

57.0859, 41.9250, 99.6913



Protanomaly

47.8081, 41.4804, 100.0945



Deuteranomaly

46.9520, 41.1127, 96.7277

Tritanomaly

49.1991, 41.2719, 61.8731

Monochromacy



Original Color

57.0859, 41.9250, 99.6913



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

46.5880, 42.7040, 64.1798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0859, 41.9250, 99.6913 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, 143, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 143, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.0859, 41.9250, 99.6913 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, 143, 255) }
```


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

```
.border{ border-color:rgb(219, 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(219, 143, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 143,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0859, 41.9250, 99.6913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 143, 255) }
```

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

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