

Converting Colors

XYZ(57.0897, 41.7375, 99.6549)

Have a look what the booklet for
XYZ(57.0897, 41.7375, 99.6549)
contains.

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Color

**XYZ(56.9364, 41.6261,
99.6415)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8EFF
RGB	219, 142, 255
RGB Percent	86%, 56%, 100%
CMY	0.1412, 0.4431, 0.0000
CMYK	0.14, 0.44, 0.00, 0.00
HSL	281°, 100%, 78%
HSV	281°, 44%, 100%
XYZ	56.9364, 41.6261, 99.6415
YIQ	177.9050, 9.6190, 51.4670

Conversions

Conversions Part 2

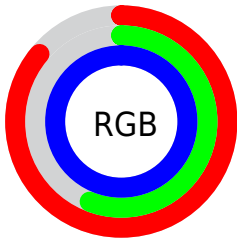
Format	Color
R _Y B	219, 142, 255
Decimal	14388991
CIE Lab	70.61, 48.16, -44.84
CIE LCh	71, 65.805, 317.044
Yxy	41.6261, 0.2873, 0.2100
Android (android.graphics.Color)	4292579071 (0xFFDB8EFF)
YUV	177.9050, 38.0078, 36.0403
Hunter-Lab	64.5183, 44.6165, -46.4042

Details

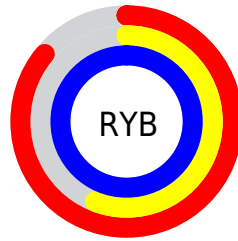
The XYZ color **56.9364, 41.6261, 99.6415** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **59.0035, 82.9384, 38.4919**, and the grayscale version is **42.0700, 44.2609, 48.2001**.

A 20% lighter version of the original color is **79.2563, 68.4125, 103.6354**, and **28.6657, 18.9034, 55.5639** is the 20% darker color. If you saturate the color by 10%, you get **51.1829, 33.6584, 98.4068**, and if you desaturate by 10%, it is **63.6796, 51.3941, 101.1715**.

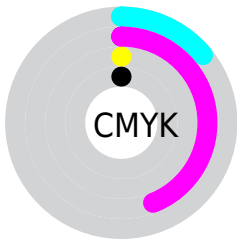
Distribution



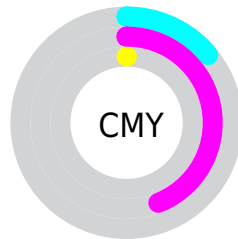
- Red (86%)
- Green (56%)
- Blue (100%)



- 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 56.9364, 41.6261, 99.6415 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 56.9364, 41.6261, 99.6415 by changing the saturation by 10% instead.


 56.9364, 41.6261,
99.6415


 56.9364, 41.6261,
99.6415


403.2290,
352.9306, 580.2795

 41.1941, 28.8086,
75.3860


 99.5043, 77.6334,
162.7120

 28.6591, 18.9361,
55.4255

 127.0606,
101.5921, 202.3641

 18.9661, 11.6241,
39.3416


159.2856,
130.0332, 247.9854

 11.7496, 6.4883,
26.7157

196.5447,
163.3413, 299.9945

 6.6444, 3.1442,
17.1293

239.2032,
201.9007, 358.8099

 3.2851, 1.2075,
10.1638

287.6266,

 1.3063, 0.0678,

246.0958, 424.8502

5.4007

342.1800,
296.3110, 498.5339

■ 0.1879, 0.0000,
2.4214

■ 0.0000, 0.0000,
0.7981

■ 56.9364, 41.6261,
99.6415

■ 56.9364, 41.6261,
99.6415

■ 51.1829, 33.6584,
98.4068

■ 63.6796, 51.3941,
101.1715

■ 46.3533, 27.3651,
97.4466

■ 71.4644, 63.0666,
103.0142

■ 42.3799, 22.6118,
96.7386

■ 80.3436, 76.7461,
105.1867

■ 39.1821, 19.2407,
96.2564

■ 90.3650, 92.5258,
107.7043

■ 36.6622, 17.0582, 95.0500, 100.0000,
95.9680 108.9000

■ 35.4528, 16.1915,
95.8644

Harmonies

Analogous

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



46.0187, 41.6261, 130.1338



56.9364, 41.6261, 99.6415



63.6560, 41.6261, 60.1285

Triad

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



56.9364, 41.6261, 99.6415



44.4429, 41.6261, 8.4183



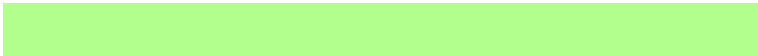
22.7434, 41.6261, 65.2516

Complementary

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



56.9364, 41.6261, 99.6415



59.0035, 82.9384, 38.4919

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.



22.4774, 41.6261, 33.1735



56.9364, 41.6261, 99.6415



33.7436, 41.6261, 8.7835

Square

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



56.9364, 41.6261, 99.6415



55.6020, 41.6261, 14.0941



26.1429, 41.6261, 15.5271



26.9516, 41.6261, 104.8387

Rectangle

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



56.9364, 41.6261, 99.6415



64.1719, 41.6261, 38.3661



26.1429, 41.6261, 15.5271



22.2213, 41.6261, 53.0755

Sweetspot

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



56.9378, 41.6278, 99.6418



81.5923, 78.6947, 105.4970



45.4608, 45.4805, 100.9903



17.0169, 16.1467, 22.4697



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.



56.9378, 41.6278, 99.6418



51.8838, 34.6057, 98.5527



66.0783, 46.6732, 85.0106



18.1969, 17.9932, 22.7639



18.6869, 8.5439, 50.0988



1.9332, 0.8905, 4.8833

Inverse Universe

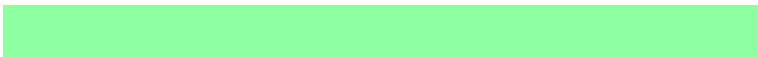
The Inverse Universe completely reimagines the original color for something new.



58.9498, 43.8218, 47.4722



54.5409, 37.2979, 38.9306



53.3348, 79.8387, 46.2423



18.2478, 18.0824, 19.9221



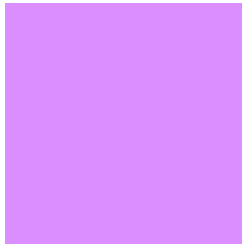
22.3892, 11.4450, 5.4338



2.2272, 1.1332, 0.7777

Previews

White Background



This preview shows how the XYZ color 56.9364, 41.6261, 99.6415 looks on a white background.

Color Contrast Check

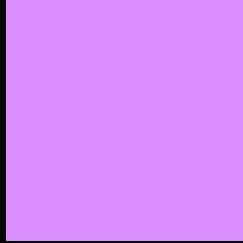
Large Text (above 18pt) WCAG AA × Fail

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 56.9364, 41.6261, 99.6415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

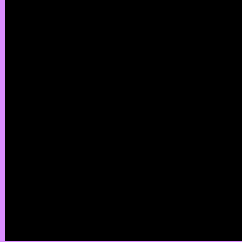
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9364, 41.6261, 99.6415

Background



This preview shows how black text looks on a background with the XYZ color 56.9364, 41.6261, 99.6415.



This preview shows how white text looks on a background with the XYZ color 56.9364, 41.6261,

99.6415.

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

56.9364, 41.6261, 99.6415

Protanopia

43.9263, 41.8987, 100.3798

Deuteranopia

42.9895, 41.8050, 95.4259



Tritanopia

45.8458, 41.4241, 45.1145

Trichromacy



Original Color

56.9364, 41.6261, 99.6415



Protanomaly

47.4154, 41.0195, 100.0262



Deuteranomaly

46.7780, 40.7646, 96.6697

Tritanomaly

49.0347, 40.9431, 61.8183

Monochromacy



Original Color

56.9364, 41.6261, 99.6415



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 56.9364, 41.6261, 99.6415 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, 142, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 142, 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, 142, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 142, 255) }
```

Border

The CSS property to change the border of an element to XYZ 56.9364, 41.6261, 99.6415 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, 142, 255) }
```


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

```
.border{ border-color:rgb(219, 142, 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, 142, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 142, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 142, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 142,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9364, 41.6261, 99.6415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 142, 255) }
```

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

```
.background{ background-color: rgb(219,  
142, 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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