

Converting Colors

XYZ(57.3421, 44.6271, 99.4257)

Have a look what the booklet for
XYZ(57.3421, 44.6271, 99.4257)
contains.

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Color

**XYZ(57.4693, 44.7140,
99.3676)**

Conversions

Conversions Part 1

Format	Color
Hex	D79AFE
RGB	215, 154, 254
RGB Percent	84%, 60%, 100%
CMY	0.1569, 0.3961, 0.0039
CMYK	0.15, 0.39, 0.00, 0.00
HSL	277°, 98%, 80%
HSV	277°, 39%, 100%
XYZ	57.4693, 44.7140, 99.3676
YIQ	183.6390, 4.2560, 44.0320

Conversions

Conversions Part 2

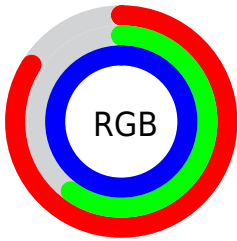
Format	Color
RYB	215, 154, 254
Decimal	14129918
CIELab	72.70, 40.46, -41.06
CIElCh	73, 57.644, 314.579
Yxy	44.7140, 0.2851, 0.2218
Android (android.graphics.Color)	4292319998 (0xFFD79AFE)
YUV	183.6390, 34.6880, 27.5036
Hunter-Lab	66.8685, 36.3896, -41.2978

Details

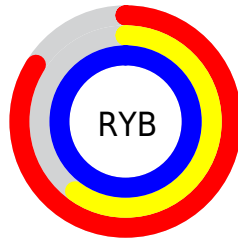
The XYZ color **57.4693, 44.7140, 99.3676** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **63.2681, 84.5552, 43.5599**, and the grayscale version is **45.1756, 47.5283, 51.7583**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **29.1275, 20.9049, 55.3232** is the 20% darker color. If you saturate the color by 10%, you get **50.8912, 35.7451, 97.9839**, and if you desaturate by 10%, it is **65.1136, 55.5511, 101.0572**.

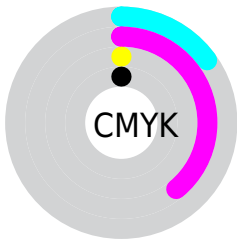
Distribution



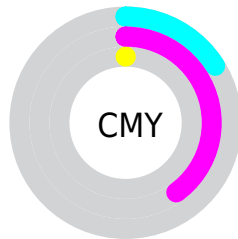
- Red (84%)
- Green (60%)
- Blue (100%)



- Red (84%)
- Yellow (60%)
- Blue (100%)



- Cyan (15%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4693, 44.7140, 99.3676 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 57.4693, 44.7140, 99.3676 by changing the saturation by 10% instead.

 57.4693, 44.7140,
99.3676


 57.4693, 44.7140,
99.3676


405.1913,
365.6140, 579.3926

 41.6238, 31.2322,
75.1586


 100.2770, 82.2911,
162.3321

 28.9966, 20.7757,
55.2403


 127.9700,
107.1551, 201.9247

 19.2225, 12.9602,
39.1942

160.3427,
136.5821, 247.4822

 11.9361, 7.4011,
26.6019

197.7606,
170.9563, 299.4232

 6.7721, 3.7142,
17.0447

240.5891,
210.6623, 358.1662

 3.3650, 1.5150,
10.1040

289.1935,

 1.3496, 0.2993,

256.0843, 424.1297

5.3615

343.9391,
307.6067, 497.7323

■ 0.2199, 0.0000,
2.3985

■ 0.0000, 0.0000,
0.7856

■ 57.4693, 44.7140,
99.3676

■ 57.4693, 44.7140,
99.3676

■ 50.8912, 35.7451,
97.9839

■ 65.1136, 55.5511,
101.0572

■ 45.3150, 28.5244,
96.8840

■ 73.8738, 68.3555,
103.0670

■ 40.6763, 22.9265,
96.0480

■ 83.8020, 83.2255,
105.4139

■ 36.8999, 18.8058,
95.4517

94.7522, 99.8650,
108.0485

■ 33.8971, 15.9900,
95.0664

94.8895, 99.9358,
108.0549

■ 31.5335, 14.2154,
94.8485

■ 31.3958, 14.1186,
94.8370

Harmonies

Analogous

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



47.5237, 44.7140, 123.7627



57.4693, 44.7140, 99.3676



63.8531, 44.7140, 64.8411

Triad

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



57.4693, 44.7140, 99.3676



47.8185, 44.7140, 12.5637



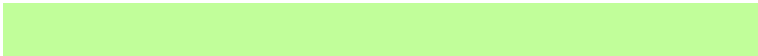
26.4784, 44.7140, 63.8991

Complementary

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



57.4693, 44.7140, 99.3676



63.2681, 84.5552, 43.5599

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.



26.5318, 44.7140, 35.4652



57.4693, 44.7140, 99.3676



37.8422, 44.7140, 12.4790

Square

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



57.4693, 44.7140, 99.3676



57.7141, 44.7140, 19.3669



30.3848, 44.7140, 19.0590



30.2252, 44.7140, 98.4494

Rectangle

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



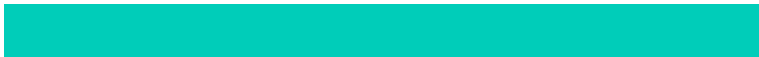
57.4693, 44.7140, 99.3676



64.6841, 44.7140, 44.4222



30.3848, 44.7140, 19.0590



26.0737, 44.7140, 53.2142

Sweetspot

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



57.4709, 44.7158, 99.3686



81.7982, 79.8130, 105.7020



50.5092, 52.6111, 101.2595



17.2223, 16.6535, 22.5567



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.



57.4709, 44.7158, 99.3686



52.8202, 38.0373, 99.1657



68.7590, 50.7153, 91.7539



18.0667, 17.9261, 22.7578



16.7224, 7.5312, 50.0069



1.7508, 0.7965, 4.8747

Inverse Universe

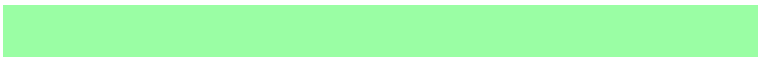
The Inverse Universe completely reimagines the original color for something new.



62.0556, 48.0340, 56.4544



58.3572, 42.0027, 49.2286



55.4705, 80.4351, 47.7257



18.3027, 18.1044, 20.2110



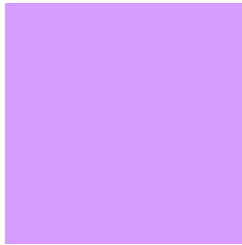
22.8047, 11.6112, 7.6220



2.2721, 1.1512, 1.0144

Previews

White Background



This preview shows how the XYZ color 57.4693, 44.7140, 99.3676 looks on a white background.

Color Contrast Check

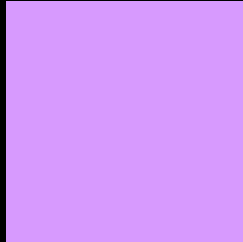
Large Text (above 18pt) WCAG AA × Fail

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 57.4693, 44.7140, 99.3676 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 57.4693, 44.7140, 99.3676

Background



This preview shows how black text looks on a background with the XYZ color 57.4693, 44.7140, 99.3676.



This preview shows how white text looks on a background with the XYZ color 57.4693, 44.7140,

99.3676.

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

57.4693, 44.7140, 99.3676

Protanopia

46.7122, 45.0430, 100.8399

Deuteranopia

46.3039, 45.2164, 96.7296



Tritanopia

47.5333, 44.5907, 50.3576

Trichromacy



Original Color

57.4693, 44.7140, 99.3676



Protanomaly

49.9571, 44.4554, 100.5555



Deuteranomaly

49.5050, 44.5711, 97.2607

Tritanomaly

50.6731, 44.5149, 65.5960

Monochromacy



Original Color

57.4693, 44.7140, 99.3676



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.9579, 46.0927, 66.6380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4693, 44.7140, 99.3676 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(215, 154, 254)` looks like.

```
.text, #text, p{  
    color:rgb(215, 154, 254)  
}
```

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(215, 154, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 154, 254) }
```

Border

The CSS property to change the border of an element to XYZ 57.4693, 44.7140, 99.3676 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(215, 154, 254) }
```


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

```
.border{ border-color:rgb(215, 154, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 154, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 154, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 154, 254);  
box-shadow:4px 4px 4px 4px rgb(215, 154,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4693, 44.7140, 99.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 154, 254) }
```

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

```
.background{ background-color: rgb(215,  
154, 254) }
```

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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