

Converting Colors

XYZ(57.7866, 47.0349, 97.5151)

Have a look what the booklet for
XYZ(57.7866, 47.0349, 97.5151)
contains.

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Color

**XYZ(57.7735, 46.9518,
97.2844)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A2FB
RGB	213, 162, 251
RGB Percent	84%, 64%, 98%
CMY	0.1647, 0.3647, 0.0157
CMYK	0.15, 0.35, 0.00, 0.02
HSL	274°, 92%, 81%
HSV	274°, 35%, 98%
XYZ	57.7735, 46.9518, 97.2844
YIQ	187.3950, 1.8270, 38.4910

Conversions

Conversions Part 2

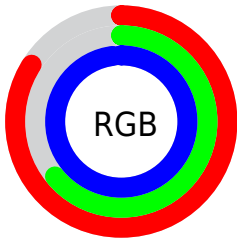
Format	Color
R _Y B	213, 162, 251
Decimal	14000891
CIE Lab	74.16, 34.93, -37.18
CIE LCh	74, 51.017, 313.209
Yxy	46.9518, 0.2860, 0.2324
Android (android.graphics.Color)	4292190971 (0xFFD5A2FB)
YUV	187.3950, 31.3573, 22.4556
Hunter-Lab	68.5214, 30.5891, -36.2130

Details

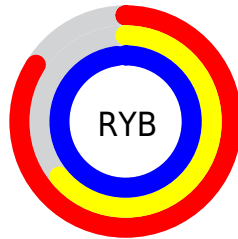
The XYZ color **57.7735, 46.9518, 97.2844** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **64.8395, 83.8834, 46.9581**, and the grayscale version is **47.2861, 49.7487, 54.1763**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **29.2182, 22.2150, 53.7869** is the 20% darker color. If you saturate the color by 10%, you get **50.7793, 37.4256, 95.8151**, and if you desaturate by 10%, it is **65.8587, 58.3525, 99.0596**.

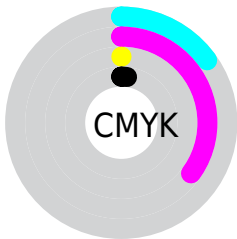
Distribution



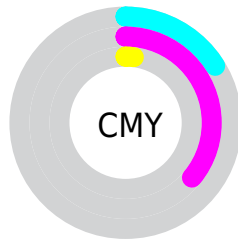
- Red (84%)
- Green (64%)
- Blue (98%)



- Red (84%)
- Yellow (64%)
- Blue (98%)



- Cyan (15%)
- Magenta (35%)
- Yellow (0%)
- Black (2%)





- Cyan (16%)
- Magenta (36%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7735, 46.9518, 97.2844 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 57.7735, 46.9518, 97.2844 by changing the saturation by 10% instead.


 57.7735, 46.9518,
97.2844


 57.7735, 46.9518,
97.2844


406.3089,
374.6221, 572.6228

 41.8691, 32.9976,
73.4304


 100.7178, 85.6417,
159.4395

 29.1895, 22.1246,
53.8340


 128.4885,
111.1461, 198.5776

 19.3692, 13.9485,
38.0767


160.9453,
141.2693, 243.6475

 12.0430, 8.0848,
25.7399

198.4536,
176.3958, 295.0677

 6.8453, 4.1493,
16.4052

241.3787,
216.9100, 353.2569

 3.4110, 1.7574,
9.6539

290.0861,

 1.3747, 0.4604,

263.1961, 418.6334

5.0675

344.9410,
315.6387, 491.6158

■ 0.2381, 0.0000,
2.2275

■ 0.0000, 0.0000,
0.6902

■ 57.7735, 46.9518,
97.2844

■ 57.7735, 46.9518,
97.2844

■ 50.7793, 37.4256,
95.8151

■ 65.8587, 58.3525,
99.0596

■ 44.8145, 29.6605,
94.6306

■ 75.0824, 71.7207,
101.1537

■ 39.8184, 23.5395,
93.7125

■ 85.4948, 87.1499,
103.5831

■ 35.7207, 18.9285,
93.0384

■ 94.4127, 99.7451,
105.5442

■ 32.4401, 15.6713,
92.5826

■ 29.8771, 13.5753,
92.3131

■ 28.8851, 12.8793,
92.2311

Harmonies

Analogous

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



48.7641, 46.9518, 117.4495



57.7735, 46.9518, 97.2844



63.6556, 46.9518, 67.0849

Triad

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



57.7735, 46.9518, 97.2844



49.8983, 46.9518, 16.4892



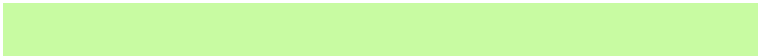
29.6096, 46.9518, 63.5087

Complementary

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



57.7735, 46.9518, 97.2844



64.8395, 83.8834, 46.9581

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.



29.8264, 46.9518, 37.9172



57.7735, 46.9518, 97.2844



40.7294, 46.9518, 16.1093

Square

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



57.7735, 46.9518, 97.2844



58.7009, 46.9518, 23.8240



33.6422, 46.9518, 22.5119



33.0030, 46.9518, 93.9087

Rectangle

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



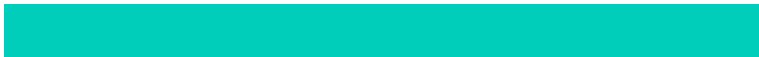
57.7735, 46.9518, 97.2844



64.5745, 46.9518, 48.3559



33.6422, 46.9518, 22.5119



29.2781, 46.9518, 53.9927

Sweetspot

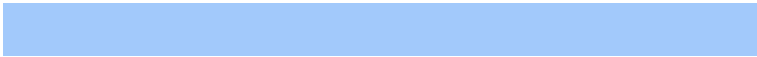
The Sweet Spot groups the original color and five complimentary colors.



57.7751, 46.9537, 97.2854



82.4757, 81.1897, 105.9320



53.1003, 56.2197, 99.3204



17.3442, 16.9213, 22.6019



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.



57.7751, 46.9537, 97.2854



54.2930, 41.0144, 99.6628



69.1968, 52.9483, 93.0134



17.2354, 17.1340, 21.7841



15.3532, 6.8575, 48.4880



1.5432, 0.6976, 4.4965

Inverse Universe

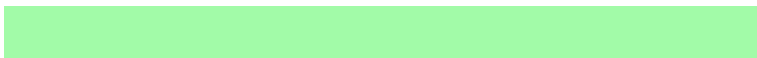
The Inverse Universe completely reimagines the original color for something new.



63.1307, 50.5218, 61.0695



60.9519, 45.4311, 55.5226



56.4607, 79.5016, 49.3847



17.5522, 17.3482, 19.4976



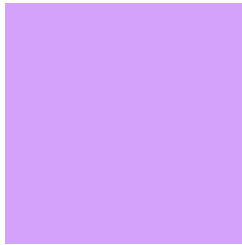
22.3810, 11.3681, 8.7146



2.1247, 1.0736, 1.0802

Previews

White Background



This preview shows how the XYZ color 57.7735, 46.9518, 97.2844 looks on a white background.

Color Contrast Check

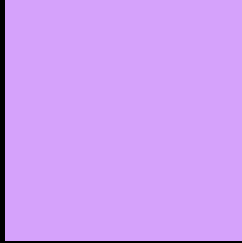
Large Text (above 18pt) WCAG AA × Fail

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 57.7735, 46.9518, 97.2844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

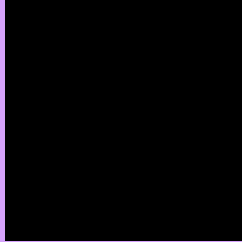
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7735, 46.9518, 97.2844

Background



This preview shows how black text looks on a background with the XYZ color 57.7735, 46.9518, 97.2844.



This preview shows how white text looks on a background with the XYZ color 57.7735, 46.9518,

97.2844.

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

57.7735, 46.9518, 97.2844

Protanopia

48.6693, 47.2334, 101.1596

Deuteranopia

48.4196, 47.2504, 94.5639



Tritanopia

49.0357, 46.9873, 54.0619

Trichromacy



Original Color

57.7735, 46.9518, 97.2844



Protanomaly

51.4234, 46.6266, 100.0555



Deuteranomaly

51.1783, 46.6095, 95.1061



Tritanomaly

51.8647, 46.7180, 67.9119

Monochromacy



Original Color

57.7735, 46.9518, 97.2844



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.3182, 48.2297, 67.6300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7735, 46.9518, 97.2844 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(213, 162, 251)` looks like.

```
.text, #text, p{  
    color:rgb(213, 162, 251)  
}
```

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(213, 162, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 162, 251) }
```

Border

The CSS property to change the border of an element to XYZ 57.7735, 46.9518, 97.2844 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(213, 162, 251) }
```


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

```
.border{ border-color:rgb(213, 162, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 162, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 162, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 162, 251);  
box-shadow:4px 4px 4px 4px rgb(213, 162,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7735, 46.9518, 97.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 162, 251) }
```

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

```
.background{ background-color: rgb(213,  
162, 251) }
```

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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