

Converting Colors

XYZ(69.1342, 52.5673,
101.1105)

Have a look what the booklet for
XYZ(69.1342, 52.5673, 101.1105)
contains.

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Color

**XYZ(69.1526, 52.4839,
101.0934)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A1FF
RGB	247, 161, 255
RGB Percent	97%, 63%, 100%
CMY	0.0314, 0.3686, 0.0000
CMYK	0.03, 0.37, 0.00, 0.00
HSL	295°, 100%, 82%
HSV	295°, 37%, 100%
XYZ	69.1526, 52.4839, 101.0934
YIQ	197.4300, 21.0820, 47.4660

Conversions

Conversions Part 2

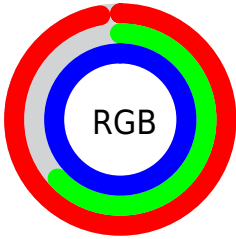
Format	Color
R _Y B	247, 161, 255
Decimal	16228863
CIE _{Lab}	77.57, 46.39, -33.79
CIE _{LCh}	78, 57.388, 323.933
Yxy	52.4839, 0.3105, 0.2356
Android (android.graphics.Color)	4294418943 (0xFF7A1FF)
YUV	197.4300, 28.3820, 43.4729
Hunter-Lab	72.4458, 43.6058, -32.0233

Details

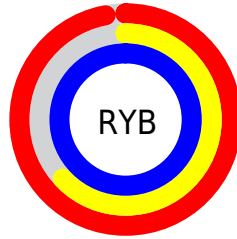
The XYZ color **69.1526, 52.4839, 101.0934** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **58.5565, 82.5289, 46.5642**, and the grayscale version is **53.1571, 55.9254, 60.9027**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **36.4370, 25.4114, 56.4105** is the 20% darker color. If you saturate the color by 10%, you get **64.3822, 44.0716, 99.7211**, and if you desaturate by 10%, it is **74.8437, 62.7225, 102.7697**.

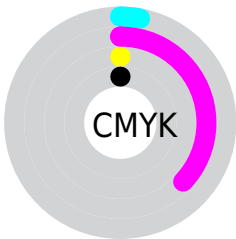
Distribution



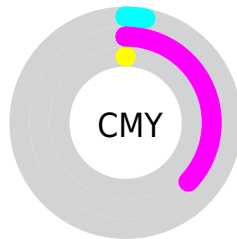
- Red (97%)
- Green (63%)
- Blue (100%)



- Red (97%)
- Yellow (63%)
- Blue (100%)



- Cyan (3%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.1526, 52.4839, 101.0934 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 69.1526, 52.4839, 101.0934 by changing the saturation by 10% instead.

 69.1526, 52.4839,
101.0934


 69.1526, 52.4839,
101.0934


446.8820,
396.3019, 584.9691

 51.1131, 37.3909,
76.5920


 117.0324, 93.8445,
164.7239

 36.5200, 25.5103,
56.4085


 147.6034,
120.8809, 204.6901

 25.0081, 16.4577,
40.1244


183.0822,
152.6673, 250.6484

 16.2118, 9.8486,
27.3210

223.8343,
189.5880, 303.0172

 9.7660, 5.2987,
17.5799

270.2250,
232.0274, 362.2152

 5.3051, 2.4236,
10.4825

322.6195,

 2.4640, 0.8380,

280.3699, 428.6608

5.6102

381.3834,
334.9999, 502.7726

■ 0.8771, 0.0000,
2.5446

■ 0.0000, 0.0000,
0.8637

■ 69.1526, 52.4839,
101.0934

■ 69.1526, 52.4839,
101.0934

■ 64.3822, 44.0716,
99.7211

■ 74.8437, 62.7225,
102.7697

■ 60.4721, 37.3676,
98.6332

■ 81.5016, 74.8824,
104.7659

■ 57.3621, 32.2509,
97.8095

■ 89.1752, 89.0603,
107.0981

■ 54.9824, 28.5814,
97.2266

95.0500, 100.0000,
108.9000

■ 53.2506, 26.1949,
96.8572

■ 52.0628, 24.8832,
96.6667

■ 51.7526, 24.5944,
96.6273

Harmonies

Analogous

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



59.0309, 52.4839, 132.9748



69.1526, 52.4839, 101.0934



74.1965, 52.4839, 63.8369

Triad

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



69.1526, 52.4839, 101.0934



52.1690, 52.4839, 15.4251



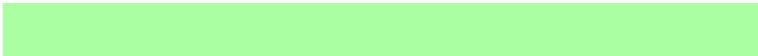
32.8428, 52.4839, 85.6274

Complementary

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



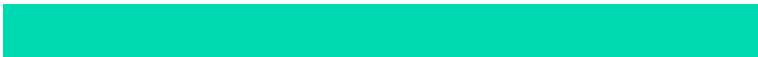
69.1526, 52.4839, 101.0934



58.5565, 82.5289, 46.5642

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.



31.5644, 52.4839, 50.9399



69.1526, 52.4839, 101.0934



41.7351, 52.4839, 17.5643

Square

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



69.1526, 52.4839, 101.0934



63.5003, 52.4839, 20.6664



34.5756, 52.4839, 28.2368



38.3688, 52.4839, 121.9747

Rectangle

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



69.1526, 52.4839, 101.0934



73.5375, 52.4839, 43.6836



34.5756, 52.4839, 28.2368



31.9397, 52.4839, 73.1241

Sweetspot

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



69.1542, 52.4861, 101.0938



85.8727, 82.9409, 106.0910



47.1998, 43.6992, 100.5548



18.1571, 17.3403, 22.6400



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.



69.1542, 52.4861, 101.0938



65.6567, 46.2989, 100.0838



66.5626, 51.7824, 72.4070



18.6312, 18.2171, 22.7842



27.1053, 12.8838, 50.4928



2.6822, 1.2766, 4.9183

Inverse Universe

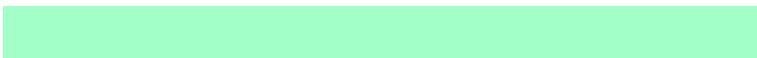
The Inverse Universe completely reimagines the original color for something new.



61.1476, 49.6164, 43.8921



56.7285, 43.1233, 35.1889



60.7219, 83.2028, 66.6510



18.0721, 18.0122, 18.9969



21.6444, 11.1470, 1.5118



2.1279, 1.0935, 0.2547

Previews

White Background



This preview shows how the XYZ color 69.1526, 52.4839, 101.0934 looks on a white background.

Color Contrast Check

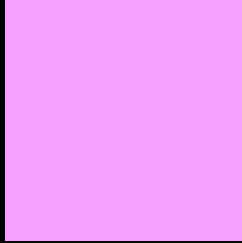
Large Text (above 18pt) WCAG AA × Fail

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 69.1526, 52.4839, 101.0934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

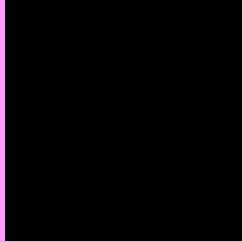
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1526, 52.4839, 101.0934

Background



This preview shows how black text looks on a background with the XYZ color 69.1526, 52.4839, 101.0934.



This preview shows how white text looks on a background with the XYZ color 69.1526, 52.4839,

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

69.1526, 52.4839, 101.0934

Protanopia

53.6970, 52.9311, 101.9943

Deuteranopia

54.2753, 53.0006, 97.8120



Tritanopia

59.6670, 52.4679, 54.5595

Trichromacy



Original Color

69.1526, 52.4839, 101.0934



Protanomaly

57.9895, 51.7396, 101.5381



Deuteranomaly

58.5926, 52.1058, 99.0647

Tritanomaly

62.5340, 52.2037, 69.0678

Monochromacy



Original Color

69.1526, 52.4839, 101.0934



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

57.8197, 53.7900, 73.6647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1526, 52.4839, 101.0934 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(247, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 161, 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(247, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 161, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.1526, 52.4839, 101.0934 is called "border". The border property can be set on classes, ids or directly on the HTML element.

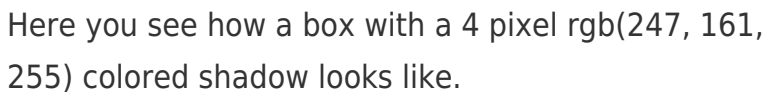
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 161, 255) }
```


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

```
.border{ border-color:rgb(247, 161, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 161, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 161,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1526, 52.4839, 101.0934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 161, 255) }
```

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

```
.background{ background-color: rgb(247,  
161, 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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