

Converting Colors

XYZ(71.1332, 54.5254, 98.3280)

Have a look what the booklet for
XYZ(71.1332, 54.5254, 98.3280)
contains.

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Color

**XYZ(71.0126, 54.5707,
98.0572)**

Conversions

Conversions Part 1

Format	Color
Hex	FCA5FB
RGB	252, 165, 251
RGB Percent	99%, 65%, 98%
CMY	0.0118, 0.3529, 0.0157
CMYK	0.00, 0.35, 0.00, 0.01
HSL	301°, 94%, 82%
HSV	301°, 35%, 99%
XYZ	71.0126, 54.5707, 98.0572
YIQ	200.8170, 24.2460, 45.1900

Conversions

Conversions Part 2

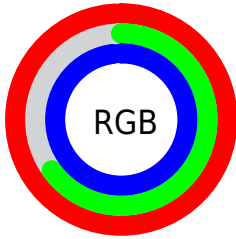
Format	Color
R _Y B	252, 165, 251
Decimal	16557563
CIE Lab	78.79, 45.11, -29.70
CIE LCh	79, 54.009, 326.637
Yxy	54.5707, 0.3175, 0.2440
Android (android.graphics.Color)	4294747643 (0xFFFC A5FB)
YUV	200.8170, 24.7402, 44.8875
Hunter-Lab	73.8720, 42.3148, -26.9908

Details

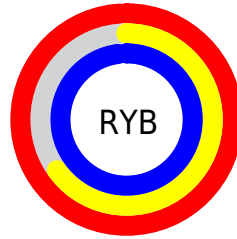
The XYZ color **71.0126, 54.5707, 98.0572** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **57.2126, 80.3752, 48.5780**, and the grayscale version is **55.2468, 58.1239, 63.2969**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **37.6702, 26.7333, 54.2135** is the 20% darker color. If you saturate the color by 10%, you get **66.8622, 46.3419, 96.4490**, and if you desaturate by 10%, it is **76.0620, 64.5952, 99.9666**.

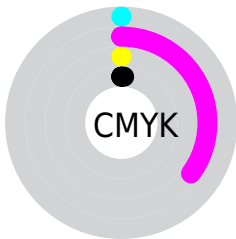
Distribution



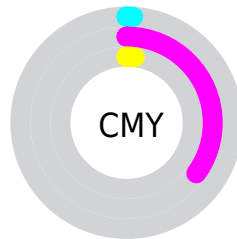
- Red (99%)
- Green (65%)
- Blue (98%)



- Red (99%)
- Yellow (65%)
- Blue (98%)



- Cyan (0%)
- Magenta (35%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (35%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0126, 54.5707, 98.0572 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 71.0126, 54.5707, 98.0572 by changing the saturation by 10% instead.


 71.0126, 54.5707,
98.0572


 71.0126, 54.5707,
98.0572

453.3086,
404.2825, 575.1391

 52.6351, 39.0581,
74.0712


 119.6701, 96.9117,
160.5133

 37.7378, 26.8049,
54.3552

 150.6807,
124.5089, 199.8204

 25.9556, 17.4268,
38.4906


186.6331,
156.9030, 245.0717

 16.9229, 10.5392,
26.0589

227.8926,
194.4786, 296.6857

 10.2745, 5.7579,
16.6415

274.8245,
237.6199, 355.0809

 5.6450, 2.6985,
9.8200

327.7943,

 2.6690, 0.9764,

286.7114, 420.6758

5.1757

387.1672,
342.1375, 493.8891

■ 0.9813, 0.0000,
2.2902

■ 0.0000, 0.0000,
0.7257

■ 71.0126, 54.5707,
98.0572

■ 71.0126, 54.5707,
98.0572

■ 66.8622, 46.3419,
96.4490

■ 76.0620, 64.5952,
99.9666

■ 63.5528, 39.7960,
95.1209

■ 82.0537, 76.5053,
102.1898

■ 61.0276, 34.8185,
94.0545

■ 89.0345, 90.3934,
104.7431

■ 59.2209, 31.2779,
93.2281

■ 93.5016, 99.2542,
106.4588

■ 58.0562, 29.0211,
92.6159

■ 93.5477, 99.2726,
106.7012

■ 57.4396, 27.8605,
92.1868

■ 93.5938, 99.2911,
106.9439

■ 57.2604, 27.5417,
92.0047

■ 93.6399, 99.3095,
107.1870

■ 93.6862, 99.3280,
107.4305

■ 93.7325, 99.3466,
107.6744

Harmonies

Analogous

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



61.6464, 54.5707, 129.1567



71.0126, 54.5707, 98.0572



75.2291, 54.5707, 62.9416

Triad

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



71.0126, 54.5707, 98.0572



53.0839, 54.5707, 17.8797



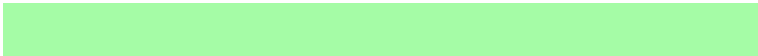
35.5693, 54.5707, 89.9332

Complementary

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



71.0126, 54.5707, 98.0572



57.2126, 80.3752, 48.5780

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.



33.9253, 54.5707, 56.0288



71.0126, 54.5707, 98.0572



43.1822, 54.5707, 20.7861

Square

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



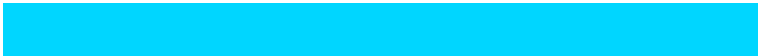
71.0126, 54.5707, 98.0572



64.0214, 54.5707, 22.5496



36.5160, 54.5707, 32.5538



41.3587, 54.5707, 123.4439

Rectangle

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



71.0126, 54.5707, 98.0572



74.1763, 54.5707, 44.0988



36.5160, 54.5707, 32.5538



34.5512, 54.5707, 77.9288

Sweetspot

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



71.0144, 54.5731, 98.0584



87.4007, 84.7768, 106.1174



46.5453, 41.9406, 97.7390



18.4952, 17.7238, 22.6358



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.



71.0144, 54.5731, 98.0584



70.0752, 50.3594, 99.6228



65.0489, 52.1869, 66.6445



17.9840, 17.5209, 21.7712



29.8312, 14.3482, 47.9471



2.7656, 1.3300, 4.4550

Inverse Universe

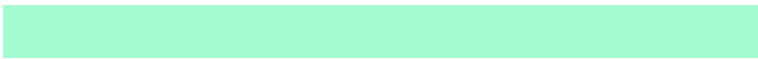
The Inverse Universe completely reimagines the original color for something new.



71.0144, 54.5731, 98.0584



70.0752, 50.3594, 99.6228



61.7764, 82.2007, 72.6102



17.9840, 17.5209, 21.7712



29.8312, 14.3482, 47.9471



2.7656, 1.3300, 4.4550

Previews

White Background



This preview shows how the XYZ color 71.0126, 54.5707, 98.0572 looks on a white background.

Color Contrast Check

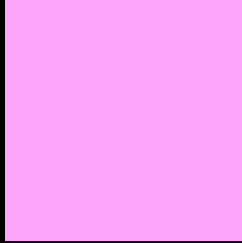
Large Text (above 18pt) WCAG AA × Fail

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 71.0126, 54.5707, 98.0572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

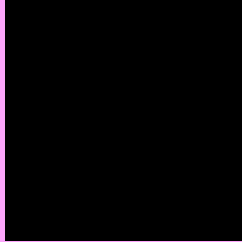
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0126, 54.5707, 98.0572

Background



This preview shows how black text looks on a background with the XYZ color 71.0126, 54.5707, 98.0572.



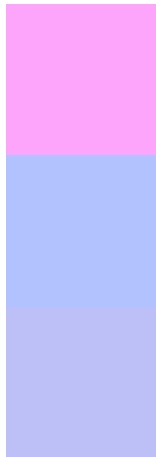
This preview shows how white text looks on a background with the XYZ color 71.0126, 54.5707,

98.0572.

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

71.0126, 54.5707, 98.0572

Protanopia

55.4801, 54.8249, 102.2659

Deuteranopia

56.2232, 55.0445, 94.8501



Tritanopia

62.4343, 54.4390, 56.5073

Trichromacy



Original Color

71.0126, 54.5707, 98.0572



Protanomaly

59.9997, 54.0019, 101.0270



Deuteranomaly

60.5352, 54.0821, 96.0553



Tritanomaly

65.3116, 54.4654, 70.0214

Monochromacy



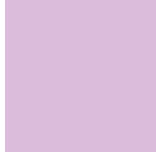
Original Color

71.0126, 54.5707, 98.0572



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

60.2846, 56.2966, 74.7068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0126, 54.5707, 98.0572 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(252, 165, 251)` looks like.

```
.text, #text, p{  
    color:rgb(252, 165, 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(252, 165, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 165, 251) }
```

Border

The CSS property to change the border of an element to XYZ 71.0126, 54.5707, 98.0572 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(252, 165, 251) }
```


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

```
.border{ border-color:rgb(252, 165, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 165, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 165, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 165, 251);  
box-shadow:4px 4px 4px 4px rgb(252, 165,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0126, 54.5707, 98.0572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 165, 251) }
```

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

```
.background{ background-color: rgb(252,  
165, 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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