

Converting Colors

XYZ(69.6682, 54.4994, 98.0675)

Have a look what the booklet for
XYZ(69.6682, 54.4994, 98.0675)
contains.

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Color

**XYZ(69.5891, 54.3766,
98.0948)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A7FB
RGB	247, 167, 251
RGB Percent	97%, 65%, 98%
CMY	0.0314, 0.3451, 0.0157
CMYK	0.02, 0.33, 0.00, 0.02
HSL	297°, 91%, 82%
HSV	297°, 33%, 98%
XYZ	69.5891, 54.3766, 98.0948
YIQ	200.4960, 20.7160, 43.0840

Conversions

Conversions Part 2

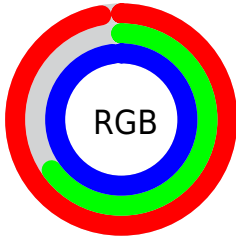
Format	Color
R _Y B	247, 167, 251
Decimal	16230395
CIE Lab	78.68, 42.54, -29.92
CIE LCh	79, 52.010, 324.880
Yxy	54.3766, 0.3134, 0.2449
Android (android.graphics.Color)	4294420475 (0xFFF7A7FB)
YUV	200.4960, 24.8985, 40.7840
Hunter-Lab	73.7405, 39.4051, -27.2534

Details

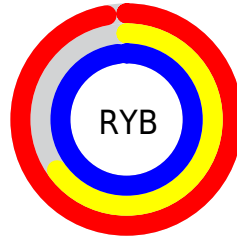
The XYZ color **69.5891, 54.3766, 98.0948** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **58.2686, 80.4436, 49.0179**, and the grayscale version is **55.0492, 57.9161, 63.0706**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **36.6290, 26.5241, 54.2280** is the 20% darker color. If you saturate the color by 10%, you get **65.0099, 45.8408, 96.6894**, and if you desaturate by 10%, it is **75.0668, 64.7032, 99.8001**.

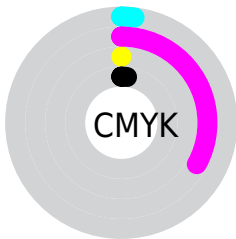
Distribution



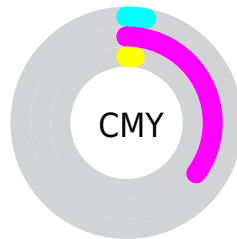
- Red (97%)
- Green (65%)
- Blue (98%)



- Red (97%)
- Yellow (65%)
- Blue (98%)



- Cyan (2%)
- Magenta (33%)
- Yellow (0%)
- Black (2%)





- Cyan (3%)
- Magenta (35%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.5891, 54.3766, 98.0948 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 69.5891, 54.3766, 98.0948 by changing the saturation by 10% instead.


 69.5891, 54.3766,
98.0948


 69.5891, 54.3766,
98.0948


448.3949,
403.5445, 575.2614

 51.4700, 38.9028,
74.1024


 117.6521, 96.6270,
160.5655

 36.8054, 26.6841,
54.3806


 148.3266,
124.1724, 199.8809

 25.2298, 17.3361,
38.5107


183.9171,
156.5104, 245.1410

 16.3780, 10.4744,
26.0744

224.7888,
194.0255, 296.7643

 9.8846, 5.7146,
16.6531

271.3070,
237.1021, 355.1695

 5.3842, 2.6724,
9.8281

323.8372,

 2.5114, 0.9632,

286.1245, 420.7751

5.1810

382.7447,
341.4772, 493.9995

■ 0.9010, 0.0000,
2.2933

■ 0.0000, 0.0000,
0.7274

■ 69.5891, 54.3766,
98.0948

■ 69.5891, 54.3766,
98.0948

■ 65.0099, 45.8408,
96.6894

■ 75.0668, 64.7032,
99.8001

■ 61.2722, 38.9850,
95.5631

■ 81.4854, 76.9087,
101.8177

■ 58.3205, 33.6973,
94.6980

■ 88.8910, 91.0841,
104.1635

■ 56.0906, 29.8491,
94.0728

■ 93.2387, 99.1399,
105.4893

■ 54.5080, 27.2916,
93.6625

■ 93.6724, 99.3634,
105.5096

■ 53.4821, 25.8436,
93.4371

■ 94.1088, 99.5884,
105.5300

■ 53.0264, 25.3246,
93.3609

■ 94.4127, 99.7451,
105.5443

Harmonies

Analogous

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



60.4503, 54.3766, 126.8135



69.5891, 54.3766, 98.0948



73.9681, 54.3766, 64.4022

Triad

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



69.5891, 54.3766, 98.0948



53.4669, 54.3766, 18.8365



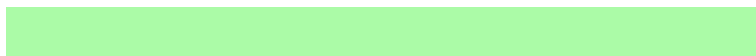
35.7500, 54.3766, 86.3494

Complementary

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



69.5891, 54.3766, 98.0948



58.2686, 80.4436, 49.0179

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.



34.3949, 54.3766, 54.2987



69.5891, 54.3766, 98.0948



43.8078, 54.3766, 21.2774

Square

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



69.5891, 54.3766, 98.0948



63.9048, 54.3766, 23.9337



37.1471, 54.3766, 32.2534



41.1287, 54.3766, 118.6055

Rectangle

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



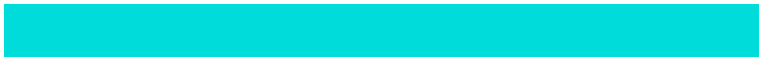
69.5891, 54.3766, 98.0948



73.2292, 54.3766, 45.8314



37.1471, 54.3766, 32.2534



34.8418, 54.3766, 74.9603

Sweetspot

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



69.5909, 54.3790, 98.0960



87.0026, 84.5662, 106.3451



47.9519, 44.3845, 97.3073



18.3981, 17.6724, 22.6914



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.



69.5909, 54.3790, 98.0960



68.9171, 50.3530, 100.6945



65.6397, 52.9632, 69.8493



17.9066, 17.4800, 21.8155



27.9090, 13.3303, 49.0756



2.6093, 1.2472, 4.5464

Inverse Universe

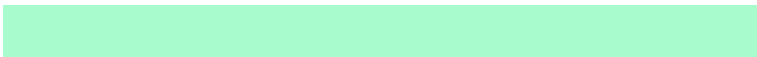
The Inverse Universe completely reimagines the original color for something new.



60.9548, 51.0893, 45.1789



58.7904, 46.5061, 38.1610



61.4307, 81.6093, 70.1477



17.2781, 17.2386, 18.0542



20.9611, 10.8002, 1.2379



1.9528, 1.0048, 0.1747

Previews

White Background



This preview shows how the XYZ color 69.5891, 54.3766, 98.0948 looks on a white background.

Color Contrast Check

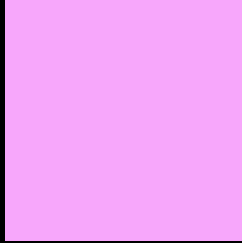
Large Text (above 18pt) WCAG AA × Fail

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 69.5891, 54.3766, 98.0948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

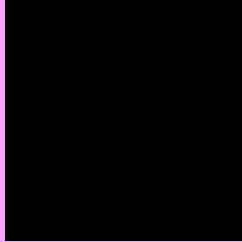
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5891, 54.3766, 98.0948

Background



This preview shows how black text looks on a background with the XYZ color 69.5891, 54.3766, 98.0948.



This preview shows how white text looks on a background with the XYZ color 69.5891, 54.3766,

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

69.5891, 54.3766, 98.0948

Protanopia

55.4801, 54.8249, 102.2659

Deuteranopia

55.7589, 54.4802, 94.7657



Tritanopia

61.2311, 54.3967, 57.1416

Trichromacy



Original Color

69.5891, 54.3766, 98.0948



Protanomaly

59.6585, 54.1332, 101.0704



Deuteranomaly

59.9657, 53.7885, 96.0286



Tritanomaly

63.9582, 54.3413, 70.0687

Monochromacy



Original Color

69.5891, 54.3766, 98.0948



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

59.3847, 55.8326, 74.6647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5891, 54.3766, 98.0948 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, 167, 251)` looks like.

```
.text, #text, p{  
    color:rgb(247, 167, 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(247, 167, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 167, 251) }
```

Border

The CSS property to change the border of an element to XYZ 69.5891, 54.3766, 98.0948 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, 167, 251) }
```


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

```
.border{ border-color:rgb(247, 167, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 167, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 167, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 167, 251);  
box-shadow:4px 4px 4px 4px rgb(247, 167,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5891, 54.3766, 98.0948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 167, 251) }
```

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

```
.background{ background-color: rgb(247,  
167, 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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