

Converting Colors

XYZ(69.4034, 49.5406, 98.0942)

Have a look what the booklet for
XYZ(69.4034, 49.5406, 98.0942)
contains.

XYZ(69.4006, 49.4681, 97.9859)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.4006, 49.4681,
97.9859)**

Conversions

Conversions Part 1

Format	Color
Hex	FF94FC
RGB	255, 148, 252
RGB Percent	100%, 58%, 99%
CMY	0.0000, 0.4196, 0.0118
CMYK	0.00, 0.42, 0.01, 0.00
HSL	302°, 100%, 79%
HSV	302°, 42%, 100%
XYZ	69.4006, 49.4681, 97.9859
YIQ	191.8490, 30.3880, 55.0280

Conversions

Conversions Part 2

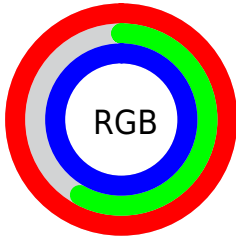
Format	Color
R_{YB}	255, 148, 252
Decimal	16749820
CIE _{Lab}	75.74, 54.80, -34.92
CIE _{LCh}	76, 64.981, 327.497
Yxy	49.4681, 0.3200, 0.2281
Android (android.graphics.Color)	4294939900 (0xFFFF94FC)
YUV	191.8490, 29.6544, 55.3834
Hunter-Lab	70.3336, 53.0485, -33.3670

Details

The XYZ color **69.4006, 49.4681, 97.9859** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **53.5602, 80.0510, 41.9088**, and the grayscale version is **49.8363, 52.4317, 57.0981**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **36.6180, 23.6813, 54.2707** is the 20% darker color. If you saturate the color by 10%, you get **65.7195, 42.2867, 96.2017**, and if you desaturate by 10%, it is **73.9651, 58.4153, 100.0680**.

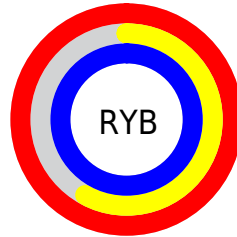
Distribution



Red (100%)

Green (58%)

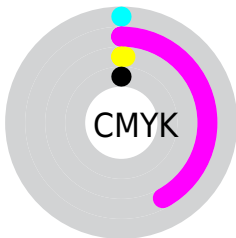
Blue (99%)



Red (100%)

Yellow (58%)

Blue (99%)

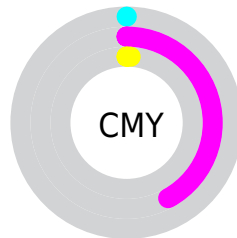


Cyan (0%)

Magenta (42%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (42%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.4006, 49.4681, 97.9859 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 69.4006, 49.4681, 97.9859 by changing the saturation by 10% instead.


 69.4006, 49.4681,
97.9859


 69.4006, 49.4681,
97.9859


447.7419,
384.5822, 574.9072

 51.3159, 34.9910,
74.0121

 117.3845, 89.3863,
160.4142

 36.6821, 23.6559,
54.3071


 148.0144,
115.5961, 199.7058

 25.1340, 15.0786,
38.4524


183.5567,
146.4856, 244.9404

 16.3062, 8.8745,
26.0294

224.3768,
182.4392, 296.5365

 9.8333, 4.6594,
16.6197

270.8400,
223.8413, 354.9127

 5.3500, 2.0489,
9.8046

323.3116,

 2.4909, 0.6356,

271.0762, 420.4875

5.1657

382.1572,
324.5284, 493.6795

■ 0.8907, 0.0000,
2.2844

■ 0.0000, 0.0000,
0.7224

■ 69.4006, 49.4681,
97.9859

■ 69.4006, 49.4681,
97.9859

■ 65.7195, 42.2867,
96.2017

■ 73.9651, 58.4153,
100.0680

■ 62.8603, 36.7485,
94.6928

■ 79.4631, 69.2289,
102.4627

■ 60.7583, 32.7242,
93.4385

■ 85.9445, 82.0087,
105.1874

■ 59.3382, 30.0628,
92.4136

■ 93.4549, 96.8459,
108.2572

■ 58.5088, 28.5822,
91.5876

95.0500, 100.0000,
108.9000

■ 58.1603, 28.0281,
91.0311

Harmonies

Analogous

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



58.5523, 49.4681, 136.8102



69.4006, 49.4681, 97.9859



74.1845, 49.4681, 56.8133

Triad

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



69.4006, 49.4681, 97.9859



48.0374, 49.4681, 11.0383



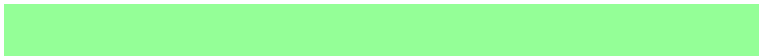
29.3088, 49.4681, 90.6928

Complementary

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



69.4006, 49.4681, 97.9859



53.5602, 80.0510, 41.9088

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.



27.4547, 49.4681, 51.0154



69.4006, 49.4681, 97.9859



37.1075, 49.4681, 13.8299

Square

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



69.4006, 49.4681, 97.9859



60.6050, 49.4681, 15.0343



30.0536, 49.4681, 25.4870



35.6304, 49.4681, 131.4846

Rectangle

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



69.4006, 49.4681, 97.9859



72.7700, 49.4681, 36.2674



30.0536, 49.4681, 25.4870



28.1951, 49.4681, 76.3878

Sweetspot

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



69.4016, 49.4700, 97.9869



85.2222, 80.5832, 104.8878



41.1798, 34.8657, 99.1671



17.9213, 16.6172, 22.3170



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.



69.4016, 49.4700, 97.9869



66.3739, 43.5602, 96.5289



62.2234, 46.5987, 60.1869



18.7694, 18.2911, 22.6687



30.3999, 14.6493, 47.6178



2.9666, 1.4290, 4.6716

Inverse Universe

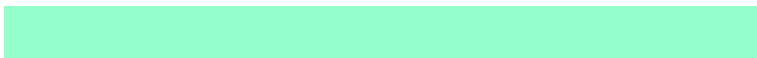
The Inverse Universe completely reimagines the original color for something new.



69.4016, 49.4700, 97.9869



66.3739, 43.5602, 96.5289



58.7875, 82.1419, 69.4355



18.7694, 18.2911, 22.6687



30.3999, 14.6493, 47.6178



2.9666, 1.4290, 4.6716

Previews

White Background



This preview shows how the XYZ color 69.4006, 49.4681, 97.9859 looks on a white background.

Color Contrast Check

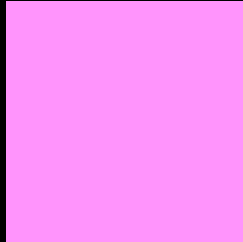
Large Text (above 18pt) WCAG AA × Fail

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 69.4006, 49.4681, 97.9859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

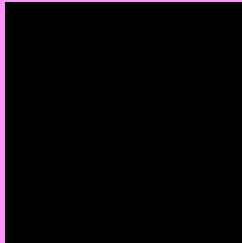
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4006, 49.4681, 97.9859

Background



This preview shows how black text looks on a background with the XYZ color 69.4006, 49.4681, 97.9859.



This preview shows how white text looks on a background with the XYZ color 69.4006, 49.4681,

97.9859.

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

69.4006, 49.4681, 97.9859

Protanopia

50.9160, 49.9173, 101.5592

Deuteranopia

50.8555, 49.7578, 93.3100



Tritanopia

58.8675, 49.1377, 47.9768

Trichromacy



Original Color

69.4006, 49.4681, 97.9859



Protanomaly

55.9306, 48.6666, 100.2117



Deuteranomaly

56.1348, 48.5996, 95.2290



Tritanomaly

62.1929, 48.9531, 63.2977

Monochromacy



Original Color

69.4006, 49.4681, 97.9859



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

55.6873, 50.3528, 70.4024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4006, 49.4681, 97.9859 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(255, 148, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 252)  
}
```

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(255, 148, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 252) }
```

Border

The CSS property to change the border of an element to XYZ 69.4006, 49.4681, 97.9859 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(255, 148, 252) }
```


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

```
.border{ border-color:rgb(255, 148, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4006, 49.4681, 97.9859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 252) }
```

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

```
.background{ background-color: rgb(255,  
148, 252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor