

Converting Colors

XYZ(69.1252, 54.3390,
101.4529)

Have a look what the booklet for
XYZ(69.1252, 54.3390, 101.4529)
contains.

XYZ(69.0148, 54.2800, 101.4473)	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(69.0148, 54.2800,
101.4473)**

Conversions

Conversions Part 1

Format	Color
Hex	F3A8FF
RGB	243, 168, 255
RGB Percent	95%, 66%, 100%
CMY	0.0471, 0.3412, 0.0000
CMYK	0.05, 0.34, 0.00, 0.00
HSL	292°, 100%, 83%
HSV	292°, 34%, 100%
XYZ	69.0148, 54.2800, 101.4473
YIQ	200.3430, 16.7730, 42.9570

Conversions

Conversions Part 2

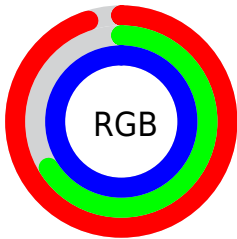
Format	Color
RYB	243, 168, 255
Decimal	15968511
CIELab	78.62, 41.54, -32.19
CIElCh	79, 52.555, 322.224
Yxy	54.2800, 0.3071, 0.2415
Android (android.graphics.Color)	4294158591 (0xFFFF3A8FF)
YUV	200.3430, 26.9459, 37.4102
Hunter-Lab	73.6750, 38.2782, -30.0673

Details

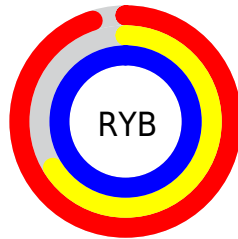
The XYZ color **69.0148, 54.2800, 101.4473** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **61.6516, 84.0511, 50.0225**, and the grayscale version is **54.9444, 57.8058, 62.9506**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **36.5735, 26.7778, 56.6671** is the 20% darker color. If you saturate the color by 10%, you get **63.5590, 45.1520, 99.9730**, and if you desaturate by 10%, it is **75.4202, 65.2706, 103.2311**.

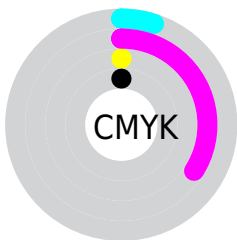
Distribution



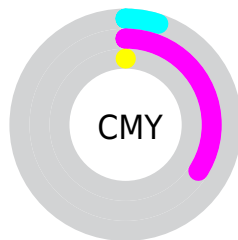
- Red (95%)
- Green (66%)
- Blue (100%)



- Red (95%)
- Yellow (66%)
- Blue (100%)



- Cyan (5%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0148, 54.2800, 101.4473 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 69.0148, 54.2800, 101.4473 by changing the saturation by 10% instead.


 69.0148, 54.2800,
101.4473


 69.0148, 54.2800,
101.4473


446.4037,
403.1768, 586.1092

 51.0004, 38.8256,
76.8862


 116.8367, 96.4852,
165.2139

 36.4300, 26.6241,
56.6485


 147.3749,
124.0048, 205.2564

 24.9381, 17.2911,
40.3156


182.8185,
156.3149, 251.2965

 16.1594, 10.4422,
27.4690

223.5327,
193.7999, 303.7527

 9.7286, 5.6931,
17.6903

269.8830,
236.8442, 363.0435

 5.2803, 2.6594,
10.5607

322.2347,

 2.4491, 0.9566,

285.8322, 429.5875

5.6618

380.9532,
341.1483, 503.8032

■ 0.8696, 0.0000,
2.5751

■ 0.0000, 0.0000,
0.8796

■ 69.0148, 54.2800,
101.4473

■ 69.0148, 54.2800,
101.4473

■ 63.5590, 45.1520,
99.9730

■ 75.4202, 65.2706,
103.2311

■ 58.9934, 37.7712,
98.7890

■ 82.8201, 78.2165,
105.3399

■ 55.2598, 32.0203,
97.8758

■ 91.2625, 93.2125,
107.7895

■ 52.2907, 27.7643,
97.2108

95.0500, 100.0000,
108.9000

■ 50.0076, 24.8466,
96.7679

■ 48.3146, 23.0757,
96.5153

■ 47.5141, 22.4093,
96.4289

Harmonies

Analogous

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



59.5083, 54.2800, 129.3081



69.0148, 54.2800, 101.4473



73.9813, 54.2800, 67.1709

Triad

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



69.0148, 54.2800, 101.4473



54.3370, 54.2800, 18.6516



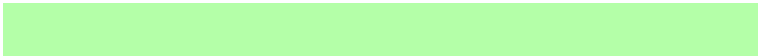
35.2445, 54.2800, 83.4437

Complementary

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



69.0148, 54.2800, 101.4473



61.6516, 84.0511, 50.0225

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.



34.2471, 54.2800, 51.7061



69.0148, 54.2800, 101.4473



44.4100, 54.2800, 20.4286

Square

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



69.0148, 54.2800, 101.4473



64.7978, 54.2800, 24.4758



37.3791, 54.2800, 30.5642



40.3138, 54.2800, 116.7170

Rectangle

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



69.0148, 54.2800, 101.4473



73.6400, 54.2800, 47.8142



37.3791, 54.2800, 30.5642



34.4521, 54.2800, 72.0389

Sweetspot

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



69.0164, 54.2823, 101.4477



86.1658, 84.1348, 106.3060



50.7346, 48.6154, 101.3174



18.1942, 17.5673, 22.6818



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.



69.0164, 54.2823, 101.4477



65.1609, 47.8037, 100.4004



68.7732, 54.6791, 77.8435



18.5318, 18.1659, 22.7796



24.9222, 11.7583, 50.3906



2.4915, 1.1784, 4.9094

Inverse Universe

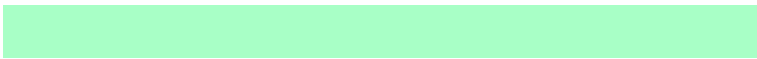
The Inverse Universe completely reimagines the original color for something new.



63.4822, 52.5627, 49.9816



58.9979, 45.9284, 41.2905



62.1551, 83.9436, 66.6276



18.1114, 18.0279, 19.2036



21.7395, 11.1851, 2.0126



2.1463, 1.1009, 0.3518

Previews

White Background



This preview shows how the XYZ color 69.0148, 54.2800, 101.4473 looks on a white background.

Color Contrast Check

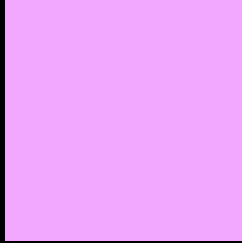
Large Text (above 18pt) WCAG AA × Fail

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 69.0148, 54.2800, 101.4473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

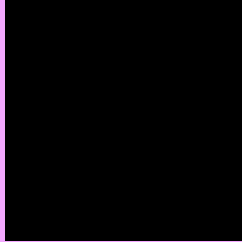
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0148, 54.2800, 101.4473

Background



This preview shows how black text looks on a background with the XYZ color 69.0148, 54.2800, 101.4473.



This preview shows how white text looks on a background with the XYZ color 69.0148, 54.2800,

101.4473.

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

69.0148, 54.2800, 101.4473

Protanopia

55.2514, 54.7070, 102.2552

Deuteranopia

55.8106, 54.4170, 98.8288



Tritanopia

59.9905, 54.0300, 58.3059

Trichromacy



Original Color

69.0148, 54.2800, 101.4473



Protanomaly

59.2779, 53.9185, 101.8908



Deuteranomaly

59.6810, 53.8744, 99.3487

Tritanomaly

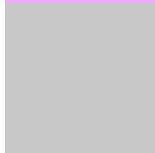
62.8451, 54.0131, 72.0790

Monochromacy



Original Color

69.0148, 54.2800, 101.4473



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

59.2204, 55.7327, 75.3464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0148, 54.2800, 101.4473 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(243, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 168, 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(243, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 168, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.0148, 54.2800, 101.4473 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(243, 168, 255) }
```


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

```
.border{ border-color:rgb(243, 168, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 168, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 168, 255); box-shadow:4px 4px 4px 4px rgb(243, 168, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0148, 54.2800, 101.4473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 168, 255) }
```

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

```
.background{ background-color: rgb(243,  
168, 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](#).

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