

Converting Colors

XYZ(68.0473, 48.8391, 96.9228)

Have a look what the booklet for
XYZ(68.0473, 48.8391, 96.9228)
contains.

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Color

**XYZ(68.1474, 48.8403,
97.1021)**

Conversions

Conversions Part 1

Format	Color
Hex	FC94FB
RGB	252, 148, 251
RGB Percent	99%, 58%, 98%
CMY	0.0118, 0.4196, 0.0157
CMYK	0.00, 0.41, 0.00, 0.01
HSL	301°, 95%, 78%
HSV	301°, 41%, 99%
XYZ	68.1474, 48.8403, 97.1021
YIQ	190.8380, 28.9210, 54.0810

Conversions

Conversions Part 2

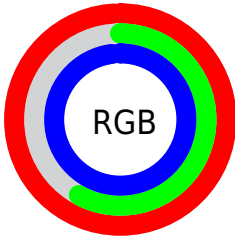
Format	Color
R _Y B	252, 148, 251
Decimal	16553211
CIE _{Lab}	75.35, 53.76, -35.01
CIE _{LCh}	75, 64.150, 326.927
Yxy	48.8403, 0.3183, 0.2281
Android (android.graphics.Color)	4294743291 (0xFFFC94FB)
YUV	190.8380, 29.6599, 53.6391
Hunter-Lab	69.8858, 51.7595, -33.4597

Details

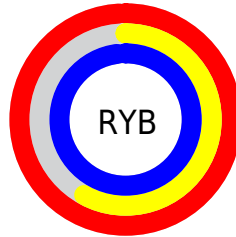
The XYZ color **68.1474, 48.8403, 97.1021** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **52.4501, 78.0885, 40.7448**, and the grayscale version is **49.2509, 51.8158, 56.4274**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **35.9884, 23.3698, 53.6530** is the 20% darker color. If you saturate the color by 10%, you get **64.5789, 41.7633, 95.7245**, and if you desaturate by 10%, it is **72.5796, 57.6423, 98.7688**.

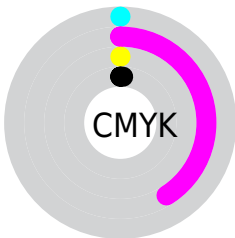
Distribution



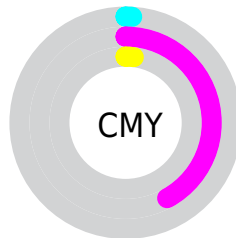
- Red (99%)
- Green (58%)
- Blue (98%)



- Red (99%)
- Yellow (58%)
- Blue (98%)



- Cyan (0%)
- Magenta (41%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (42%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.1474, 48.8403, 97.1021 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 68.1474, 48.8403, 97.1021 by changing the saturation by 10% instead.


 68.1474, 48.8403,
97.1021


 68.1474, 48.8403,
97.1021


443.3866,
382.1133, 572.0283

 50.2918, 34.4928,
73.2793

 115.6037, 88.4542,
159.1860

 35.8640, 23.2724,
53.7111


 145.9352,
114.4894, 198.2842

 24.4988, 14.7948,
37.9792


181.1559,
145.1894, 243.3112

 15.8308, 8.6755,
25.6648

221.6313,
180.9384, 294.6857

 9.4946, 4.5301,
16.3495

267.7267,
222.1209, 352.8261

 5.1248, 1.9743,
9.6148


319.8075,


 2.3562, 0.5925,


269.1213, 418.1509


5.0421


378.2390,
322.3239, 491.0788


 0.8232, 0.0000,
2.2128


 0.0000, 0.0000,
0.6817

 68.1474, 48.8403,
97.1021


 68.1474, 48.8403,
97.1021


 64.5789, 41.7633,
95.7245


 72.5796, 57.6423,
98.7688


 61.8127, 36.2920,
94.6142

 77.9218, 68.2656,
100.7385

 59.7874, 32.3023,
93.7510

 84.2231, 80.8068,
103.0282

 58.4304, 29.6493,
93.1109

 91.5275, 95.3540,
105.6525

57.6546, 28.1586,
92.6647

93.5101, 99.2576,
106.5031

57.3344, 27.5713,
92.3944

93.5486, 99.2730,
106.7059

93.5871, 99.2884,
106.9090

93.6258, 99.3039,
107.1123

93.6644, 99.3193,
107.3159

Harmonies

Analogous

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



57.4727, 48.8403, 134.6957



68.1474, 48.8403, 97.1021



72.9626, 48.8403, 56.7382

Triad

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



68.1474, 48.8403, 97.1021



47.6480, 48.8403, 11.1057



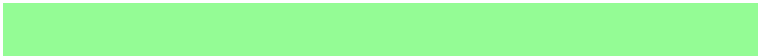
28.9887, 48.8403, 88.3661

Complementary

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



68.1474, 48.8403, 97.1021



52.4501, 78.0885, 40.7448

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.



27.2513, 48.8403, 49.7714



68.1474, 48.8403, 97.1021



36.8859, 48.8403, 13.7367

Square

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



68.1474, 48.8403, 97.1021



59.9357, 48.8403, 15.1983



29.8863, 48.8403, 25.0174



35.1083, 48.8403, 128.3273

Rectangle

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



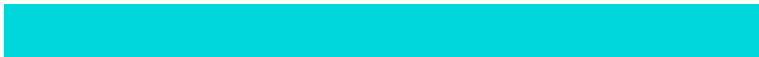
68.1474, 48.8403, 97.1021



71.6854, 48.8403, 36.4146



29.8863, 48.8403, 25.0174



27.9230, 48.8403, 74.4301

Sweetspot

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



68.1490, 48.8425, 97.1031



86.0059, 81.9876, 105.6515



40.3756, 34.5064, 96.6293



18.2175, 17.1679, 22.5446



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.



68.1490, 48.8425, 97.1031



66.7471, 43.7094, 98.4941



61.1621, 46.0477, 60.3104



17.9855, 17.5215, 21.7791



29.8691, 14.3634, 48.1466



2.7687, 1.3312, 4.4712

Inverse Universe

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



68.1490, 48.8425, 97.1031



66.7471, 43.7094, 98.4941



57.4505, 80.0886, 67.0766



17.9855, 17.5215, 21.7791



29.8691, 14.3634, 48.1466



2.7687, 1.3312, 4.4712

Previews

White Background



This preview shows how the XYZ color 68.1474, 48.8403, 97.1021 looks on a white background.

Color Contrast Check

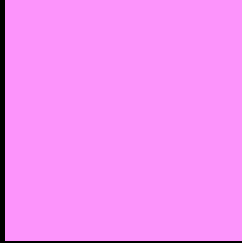
Large Text (above 18pt) WCAG AA × Fail

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 68.1474, 48.8403, 97.1021 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 68.1474, 48.8403, 97.1021

Background



This preview shows how black text looks on a background with the XYZ color 68.1474, 48.8403, 97.1021.



This preview shows how white text looks on a background with the XYZ color 68.1474, 48.8403,

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

68.1474, 48.8403, 97.1021

Protanopia

50.5003, 49.3935, 101.4800

Deuteranopia

50.4282, 49.2302, 93.2307



Tritanopia

57.8292, 48.6025, 47.9283

Trichromacy



Original Color

68.1474, 48.8403, 97.1021



Protanomaly

55.2173, 48.0173, 100.1239



Deuteranomaly

55.2506, 47.8824, 94.3259



Tritanomaly

61.1320, 48.4062, 63.2481

Monochromacy



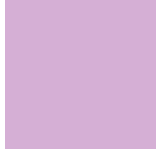
Original Color

68.1474, 48.8403, 97.1021



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

54.7808, 49.6102, 69.6393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1474, 48.8403, 97.1021 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, 148, 251)` looks like.

```
.text, #text, p{  
    color:rgb(252, 148, 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, 148, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 148, 251) }
```

Border

The CSS property to change the border of an element to XYZ 68.1474, 48.8403, 97.1021 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, 148, 251) }
```


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

```
.border{ border-color:rgb(252, 148, 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, 148, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 148, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 148, 251);  
box-shadow:4px 4px 4px 4px rgb(252, 148,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1474, 48.8403, 97.1021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 148, 251) }
```

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

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