

Converting Colors

XYZ(68.2811, 54.1599, 94.9244)

Have a look what the booklet for
XYZ(68.2811, 54.1599, 94.9244)
contains.

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Color

**XYZ(68.0994, 53.9538,
94.8206)**

Conversions

Conversions Part 1

Format	Color
Hex	F4A8F7
RGB	244, 168, 247
RGB Percent	96%, 66%, 97%
CMY	0.0431, 0.3412, 0.0314
CMYK	0.01, 0.32, 0.00, 0.03
HSL	298°, 83%, 81%
HSV	298°, 32%, 97%
XYZ	68.0994, 53.9538, 94.8206
YIQ	199.7300, 19.9370, 40.6810

Conversions

Conversions Part 2

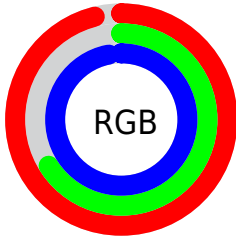
Format	Color
RYB	244, 168, 247
Decimal	16034039
CIELab	78.43, 40.36, -28.17
CIElCh	78, 49.222, 325.087
Yxy	53.9538, 0.3140, 0.2488
Android (android.graphics.Color)	4294224119 (0xFFFF4A8F7)
YUV	199.7300, 23.3041, 38.8248
Hunter-Lab	73.4533, 36.9463, -25.1200

Details

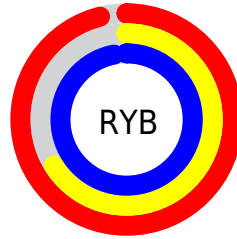
The XYZ color **68.0994, 53.9538, 94.8206** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **57.1251, 78.0080, 49.0947**, and the grayscale version is **54.5880, 57.4308, 62.5421**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **35.9185, 26.5440, 51.9456** is the 20% darker color. If you saturate the color by 10%, you get **63.6412, 45.5183, 93.4281**, and if you desaturate by 10%, it is **73.4287, 64.1270, 96.5041**.

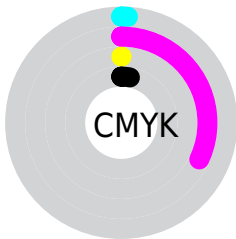
Distribution



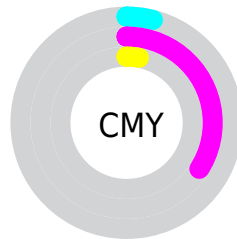
- Red (96%)
- Green (66%)
- Blue (97%)



- Red (96%)
- Yellow (66%)
- Blue (97%)



- Cyan (1%)
- Magenta (32%)
- Yellow (0%)
- Black (3%)





- Cyan (4%)
- Magenta (34%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.0994, 53.9538, 94.8206 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 68.0994, 53.9538, 94.8206 by changing the saturation by 10% instead.


 68.0994, 53.9538,
94.8206


 68.0994, 53.9538,
94.8206

443.2193,
401.9338, 564.5602

 50.2526, 38.5647,
71.3896

 115.5355, 96.0064,
156.0102

 35.8327, 26.4213,
52.1764


 145.8554,
123.4387, 194.6058

 24.4746, 17.1391,
36.7625


181.0638,
155.6543, 239.0935

 15.8127, 10.3337,
24.7293

221.5259,
193.0374, 289.8916

 9.4817, 5.6208,
15.6583

267.6072,
235.9725, 347.4188

 5.1163, 2.6159,
9.1310

319.6729,

 2.3511, 0.9347,

284.8440, 412.0936

4.7287

378.0885,
340.0363, 484.3346

■ 0.8206, 0.0000,
2.0331

■ 0.0000, 0.0000,
0.5755

■ 68.0994, 53.9538,
94.8206

■ 68.0994, 53.9538,
94.8206

■ 63.6412, 45.5183,
93.4281

■ 73.4287, 64.1270,
96.5041

■ 59.9999, 38.7149,
92.3069

■ 79.6692, 76.1212,
98.4903

■ 57.1229, 33.4380,
91.4400

■ 86.8649, 90.0233,
100.7945

■ 54.9497, 29.5661,
90.8072

■ 91.1725, 98.1468,
102.1354

53.4106, 26.9599,
90.3852

91.5054, 98.3184,
102.1510

52.4213, 25.4510,
90.1461

91.8400, 98.4909,
102.1666

51.9221, 24.8274,
90.0521

92.1763, 98.6642,
102.1824

92.5142, 98.8384,
102.1982

92.8538, 99.0135,
102.2141

Harmonies

Analogous

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



59.5804, 53.9538, 121.4168



68.0994, 53.9538, 94.8206



72.1394, 53.9538, 63.4291

Triad

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



68.0994, 53.9538, 94.8206



52.8914, 53.9538, 20.0466



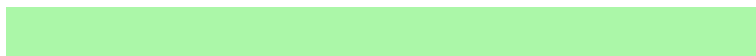
36.2107, 53.9538, 84.3553

Complementary

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



68.0994, 53.9538, 94.8206



57.1251, 78.0080, 49.0947

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.



34.8897, 53.9538, 54.3003



68.0994, 53.9538, 94.8206



43.7913, 53.9538, 22.4990

Square

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



68.0994, 53.9538, 94.8206



62.6829, 53.9538, 24.9924



37.4890, 53.9538, 33.2247



41.3539, 53.9538, 114.1620

Rectangle

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



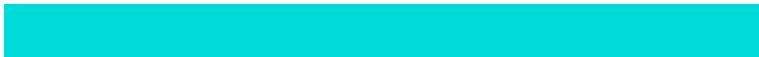
68.0994, 53.9538, 94.8206



71.4226, 53.9538, 45.9417



37.4890, 53.9538, 33.2247



35.3347, 53.9538, 73.7337

Sweetspot

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



68.1011, 53.9562, 94.8218



87.0926, 84.6126, 106.3493



47.6823, 44.5289, 94.0783



18.4201, 17.6837, 22.6924



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.



68.1011, 53.9562, 94.8218



70.1933, 52.2767, 100.9986



64.1765, 52.5075, 68.6787



17.1478, 16.7343, 20.8688



27.4883, 13.1451, 47.6265



2.4350, 1.1651, 4.1868

Inverse Universe

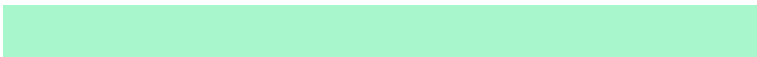
The Inverse Universe completely reimagines the original color for something new.



59.7129, 50.7221, 45.1736



59.9859, 48.3486, 40.2501



60.2563, 79.1858, 68.9549



16.5246, 16.4927, 17.2433



20.3249, 10.4734, 1.1533



1.7952, 0.9240, 0.1477

Previews

White Background



This preview shows how the XYZ color 68.0994, 53.9538, 94.8206 looks on a white background.

Color Contrast Check

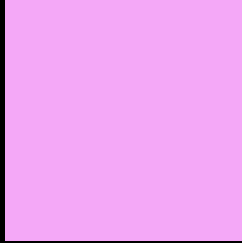
Large Text (above 18pt) WCAG AA × Fail

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 68.0994, 53.9538, 94.8206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

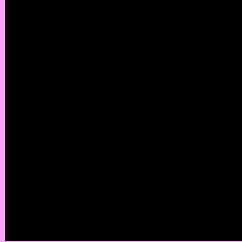
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.0994, 53.9538, 94.8206

Background



This preview shows how black text looks on a background with the XYZ color 68.0994, 53.9538, 94.8206.

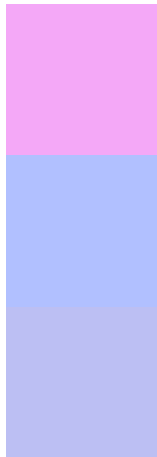


This preview shows how white text looks on a background with the XYZ color 68.0994, 53.9538,

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

68.0994, 53.9538, 94.8206

Protanopia

55.0311, 54.2664, 102.1818

Deuteranopia

55.5475, 54.4240, 92.3712



Tritanopia

60.6708, 54.0950, 57.6958

Trichromacy



Original Color

68.0994, 53.9538, 94.8206



Protanomaly

58.5916, 53.3128, 99.2977



Deuteranomaly

59.2750, 53.8085, 92.8499



Tritanomaly

63.2754, 53.9893, 70.0368

Monochromacy



Original Color

68.0994, 53.9538, 94.8206



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.8265, 55.5751, 73.2722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0994, 53.9538, 94.8206 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(244, 168, 247)` looks like.

```
.text, #text, p{  
    color:rgb(244, 168, 247)  
}
```

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(244, 168, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 168, 247) }
```

Border

The CSS property to change the border of an element to XYZ 68.0994, 53.9538, 94.8206 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(244, 168, 247) }
```


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

```
.border{ border-color:rgb(244, 168, 247) }
```

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

Here you see how a box with a 4 pixel rgb(244, 168, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 168, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 168, 247);  
box-shadow:4px 4px 4px 4px rgb(244, 168,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0994, 53.9538, 94.8206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 168, 247) }
```

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

```
.background{ background-color: rgb(244,  
168, 247) }
```

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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