

Converting Colors

XYZ(69.3315, 52.2071, 94.4185)

Have a look what the booklet for
XYZ(69.3315, 52.2071, 94.4185)
contains.

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Color

**XYZ(69.3315, 52.2071,
94.4185)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9FF7
RGB	252, 159, 247
RGB Percent	99%, 62%, 97%
CMY	0.0118, 0.3764, 0.0314
CMYK	0.00, 0.37, 0.02, 0.01
HSL	303°, 94%, 81%
HSV	303°, 37%, 99%
XYZ	69.3315, 52.2071, 94.4185
YIQ	196.8390, 27.1800, 47.0840

Conversions

Conversions Part 2

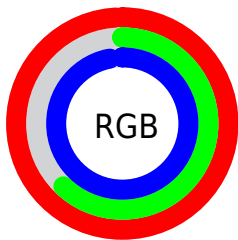
Format	Color
RYB	252, 159, 247
Decimal	16556023
CIELab	77.40, 47.49, -29.68
CIElCh	77, 55.997, 327.996
Yxy	52.2071, 0.3210, 0.2417
Android (android.graphics.Color)	4294746103 (0xFFFC9FF7)
YUV	196.8390, 24.7294, 48.3762
Hunter-Lab	72.2545, 44.8336, -26.8990

Details

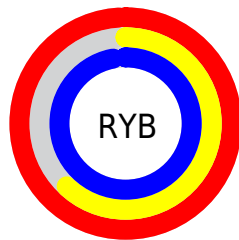
The XYZ color **69.3315, 52.2071, 94.4185** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **55.8115, 79.6738, 47.5620**, and the grayscale version is **52.8195, 55.5702, 60.5159**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **36.5940, 25.2902, 51.6680** is the 20% darker color. If you saturate the color by 10%, you get **65.2239, 44.3243, 92.0218**, and if you desaturate by 10%, it is **74.3273, 61.8617, 97.1198**.

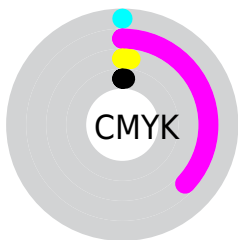
Distribution



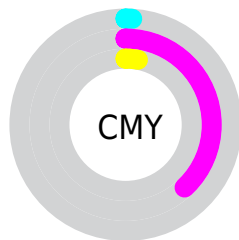
- Red (99%)
- Green (62%)
- Blue (97%)



- Red (99%)
- Yellow (62%)
- Blue (97%)



- Cyan (0%)
- Magenta (37%)
- Yellow (2%)
- Black (1%)





- Cyan (1%)
- Magenta (38%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.3315, 52.2071, 94.4185 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 69.3315, 52.2071, 94.4185 by changing the saturation by 10% instead.


 69.3315, 52.2071,
94.4185


 69.3315, 52.2071,
94.4185


447.5024,
395.2356, 563.2384

 51.2594, 37.1702,
71.0569

 117.2864, 93.4366,
155.4497

 36.6369, 25.3393,
51.9065


 147.8999,
120.3980, 193.9563

 25.0989, 16.3300,
36.5488

183.4245,
152.1029, 238.3483

 16.2799, 9.7580,
24.5653

224.2256,
188.9359, 289.0442

 9.8145, 5.2388,
15.5374

270.6687,
231.2812, 346.4627

 5.3375, 2.3880,
9.0466

323.1189,

 2.4834, 0.8197,

279.5234, 411.0222

4.6744

381.9417,
334.0467, 483.1412

■ 0.8869, 0.0000,
2.0021

■ 0.0000, 0.0000,
0.5566

■ 69.3315, 52.2071,
94.4185

■ 69.3315, 52.2071,
94.4185

■ 65.2239, 44.3243,
92.0218

■ 74.3273, 61.8617,
97.1198

■ 61.9454, 38.0983,
89.9085

■ 80.2557, 73.3802,
100.1390

■ 59.4377, 33.4116,
88.0595

■ 87.1641, 86.8563,
103.4923

■ 57.6329, 30.1282,
86.4523

■ 93.5429, 99.2707,
106.6767

■ 56.4511, 28.0884,
85.0602

93.7590, 99.3572,
107.8144

■ 55.7910, 27.0895,
83.8494

93.9554, 99.4357,
108.8488

■ 55.6444, 26.8953,
83.4952

Harmonies

Analogous

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



59.9886, 52.2071, 126.9239



69.3315, 52.2071, 94.4185



73.3230, 52.2071, 58.9440

Triad

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



69.3315, 52.2071, 94.4185



50.3490, 52.2071, 15.7916



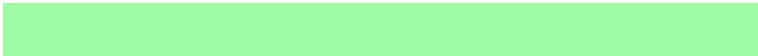
33.4925, 52.2071, 89.4693

Complementary

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



69.3315, 52.2071, 94.4185



55.8115, 79.6738, 47.5620

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.



31.6720, 52.2071, 54.7958



69.3315, 52.2071, 94.4185



40.5230, 52.2071, 18.9164

Square

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



69.3315, 52.2071, 94.4185



61.4233, 52.2071, 19.9299



34.0528, 52.2071, 30.8537



39.4370, 52.2071, 123.4137

Rectangle

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



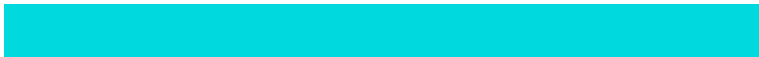
69.3315, 52.2071, 94.4185



72.0331, 52.2071, 40.4226



34.0528, 52.2071, 30.8537



32.4193, 52.2071, 77.2026

Sweetspot

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



69.3332, 52.2094, 94.4196



86.5035, 83.2941, 104.8578



45.2089, 39.6825, 97.3734



18.3086, 17.4252, 22.3437



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.



69.3332, 52.2094, 94.4196



68.1262, 47.6824, 95.2083



63.0700, 49.7041, 61.4379



17.9504, 17.5075, 21.5943



29.0035, 14.0171, 43.5882



2.6982, 1.3030, 4.1002

Inverse Universe

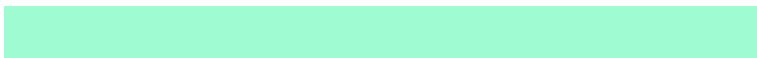
The Inverse Universe completely reimagines the original color for something new.



69.3332, 52.2094, 94.4196



68.1262, 47.6824, 95.2083



60.7621, 81.6541, 73.6313



17.9504, 17.5075, 21.5943



29.0035, 14.0171, 43.5882



2.6982, 1.3030, 4.1002

Previews

White Background



This preview shows how the XYZ color 69.3315, 52.2071, 94.4185 looks on a white background.

Color Contrast Check

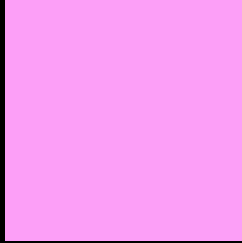
Large Text (above 18pt) WCAG AA × Fail

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 69.3315, 52.2071, 94.4185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

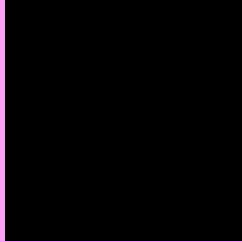
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3315, 52.2071, 94.4185

Background



This preview shows how black text looks on a background with the XYZ color 69.3315, 52.2071, 94.4185.



This preview shows how white text looks on a background with the XYZ color 69.3315, 52.2071,

94.4185.

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

69.3315, 52.2071, 94.4185

Protanopia

53.2609, 52.3858, 101.9121

Deuteranopia

53.7774, 52.5676, 91.3166



Tritanopia

60.8177, 52.2409, 52.7770

Trichromacy



Original Color

69.3315, 52.2071, 94.4185



Protanomaly

57.5785, 51.2866, 98.9600



Deuteranomaly

58.3458, 51.5312, 92.4593



Tritanomaly

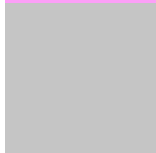
63.5617, 51.9657, 66.3548

Monochromacy



Original Color

69.3315, 52.2071, 94.4185



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

57.8145, 53.5250, 71.5742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3315, 52.2071, 94.4185 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, 159, 247)` looks like.

```
.text, #text, p{  
    color:rgb(252, 159, 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(252, 159, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 159, 247) }
```

Border

The CSS property to change the border of an element to XYZ 69.3315, 52.2071, 94.4185 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, 159, 247) }
```


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

```
.border{ border-color:rgb(252, 159, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 159, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 159, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 159, 247);  
box-shadow:4px 4px 4px 4px rgb(252, 159,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3315, 52.2071, 94.4185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 159, 247) }
```

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

```
.background{ background-color: rgb(252,  
159, 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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