

Converting Colors

XYZ(69.2675, 50.2934,
100.6644)

Have a look what the booklet for
XYZ(69.2675, 50.2934, 100.6644)
contains.

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Color

**XYZ(69.4231, 50.3719,
100.6715)**

Conversions

Conversions Part 1

Format	Color
Hex	FC98FF
RGB	252, 152, 255
RGB Percent	99%, 60%, 100%
CMY	0.0118, 0.4039, 0.0000
CMYK	0.01, 0.40, 0.00, 0.00
HSL	298°, 100%, 80%
HSV	298°, 40%, 100%
XYZ	69.4231, 50.3719, 100.6715
YIQ	193.6420, 26.5370, 53.2330

Conversions

Conversions Part 2

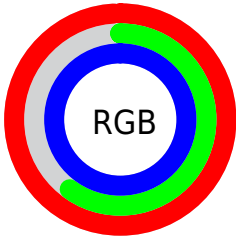
Format	Color
RYB	252, 152, 255
Decimal	16554239
CIELab	76.30, 52.46, -35.71
CIElCh	76, 63.457, 325.757
Yxy	50.3719, 0.3149, 0.2285
Android (android.graphics.Color)	4294744319 (0xFFFC98FF)
YUV	193.6420, 30.2495, 51.1800
Hunter-Lab	70.9732, 50.3985, -34.4184

Details

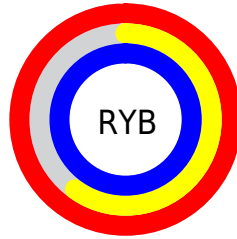
The XYZ color **69.4231, 50.3719, 100.6715** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **54.9463, 80.7561, 42.3997**, and the grayscale version is **50.8843, 53.5343, 58.2988**.

A 20% lighter version of the original color is **81.8459, 73.5918, 104.4986**, and **36.8089, 24.2819, 56.1729** is the 20% darker color. If you saturate the color by 10%, you get **65.4528, 42.8288, 99.4248**, and if you desaturate by 10%, it is **74.2871, 59.6990, 102.2155**.

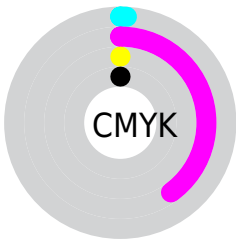
Distribution



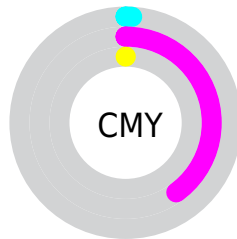
- Red (99%)
- Green (60%)
- Blue (100%)



- Red (99%)
- Yellow (60%)
- Blue (100%)



- Cyan (1%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.4231, 50.3719, 100.6715 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 69.4231, 50.3719, 100.6715 by changing the saturation by 10% instead.


 69.4231, 50.3719,
100.6715


 69.4231, 50.3719,
100.6715


447.8199,
388.1185, 583.6085

 51.3343, 35.7090,
76.2414

 117.4165, 90.7257,
164.1396

 36.6968, 24.2095,
56.1227

 148.0517,
117.1853, 204.0147

 25.1454, 15.4891,
39.8966


183.5997,
148.3460, 249.8753

 16.3147, 9.1634,
27.1448

224.4259,
184.5920, 302.1398

 9.8394, 4.8479,
17.4486

270.8957,
226.3079, 361.2268

 5.3541, 2.1583,
10.3895

323.3744,

 2.4933, 0.6971,

273.8781, 427.5549

5.5490

382.2273,
327.6868, 501.5426

■ 0.8919, 0.0000,
2.5085

■ 0.0000, 0.0000,
0.8447

■ 69.4231, 50.3719,
100.6715

■ 69.4231, 50.3719,
100.6715

■ 65.4528, 42.8288,
99.4248

■ 74.2871, 59.6990,
102.2155

■ 62.3141, 36.9481,
98.4551

■ 80.0926, 70.9086,
104.0731

■ 59.9441, 32.6034,
97.7414

■ 86.8895, 84.0994,
106.2610

■ 58.2693, 29.6474,
97.2591

94.7230, 99.3617,
108.7940

■ 57.2014, 27.9038,
96.9789

95.0500, 100.0000,
108.9000

■ 56.6114, 27.0991,
96.8546

Harmonies

Analogous

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



58.5389, 50.3719, 137.7054



69.4231, 50.3719, 100.6715



74.5516, 50.3719, 59.8454

Triad

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



69.4231, 50.3719, 100.6715



49.5920, 50.3719, 11.9849



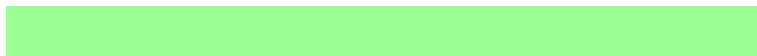
30.0653, 50.3719, 88.5857

Complementary

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



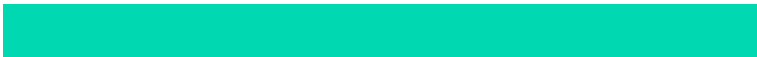
69.4231, 50.3719, 100.6715



54.9463, 80.7561, 42.3997

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.



28.4711, 50.3719, 50.1339



69.4231, 50.3719, 100.6715



38.5953, 50.3719, 14.4350

Square

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



69.4231, 50.3719, 100.6715



61.9604, 50.3719, 16.5218



31.3254, 50.3719, 25.5906



36.1078, 50.3719, 128.9314

Rectangle

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



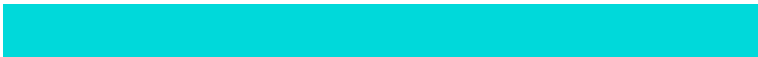
69.4231, 50.3719, 100.6715



73.4845, 50.3719, 38.8882



31.3254, 50.3719, 25.5906



29.0393, 50.3719, 74.6637

Sweetspot

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



69.4246, 50.3741, 100.6718



85.7263, 81.8380, 105.8858



42.7945, 37.4850, 99.5876



18.1512, 17.1324, 22.6002



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.



69.4246, 50.3741, 100.6718



66.3241, 44.4762, 99.6968



63.7238, 48.2202, 64.9393



18.7373, 18.2718, 22.7892



29.6041, 14.1720, 50.6097



2.8983, 1.3880, 4.9284

Inverse Universe

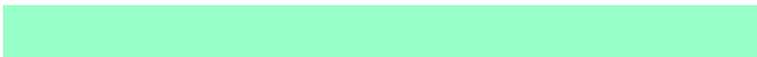
The Inverse Universe completely reimagines the original color for something new.



58.3859, 46.0850, 36.8301



54.0284, 39.7080, 28.1702



59.1434, 82.3693, 67.4680



18.0308, 17.9956, 18.7794



21.5793, 11.1210, 1.1691



2.1083, 1.0857, 0.1517

Previews

White Background



This preview shows how the XYZ color 69.4231, 50.3719, 100.6715 looks on a white background.

Color Contrast Check

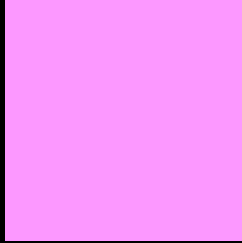
Large Text (above 18pt) WCAG AA × Fail

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 69.4231, 50.3719, 100.6715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

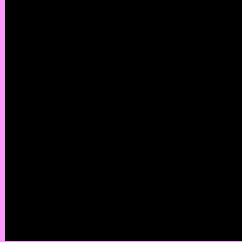
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4231, 50.3719, 100.6715

Background



This preview shows how black text looks on a background with the XYZ color 69.4231, 50.3719, 100.6715.



This preview shows how white text looks on a background with the XYZ color 69.4231, 50.3719,

100.6715.

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

69.4231, 50.3719, 100.6715

Protanopia

51.5453, 50.5533, 101.6488

Deuteranopia

51.9034, 50.5361, 96.6414



Tritanopia

58.9611, 50.2187, 50.3017

Trichromacy



Original Color

69.4231, 50.3719, 100.6715



Protanomaly

56.4748, 49.4979, 101.1852



Deuteranomaly

56.7133, 49.4087, 97.8145

Tritanomaly

62.3115, 49.9876, 66.0389

Monochromacy



Original Color

69.4231, 50.3719, 100.6715



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

56.5391, 51.6451, 71.9543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4231, 50.3719, 100.6715 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, 152, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 152, 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(252, 152, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 152, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.4231, 50.3719, 100.6715 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, 152, 255) }
```


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

```
.border{ border-color:rgb(252, 152, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 152, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 152, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 152, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 152,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4231, 50.3719, 100.6715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 152, 255) }
```

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

```
.background{ background-color: rgb(252,  
152, 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](#).

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