

Converting Colors

XYZ(69.2545, 50.0311, 95.3010)

Have a look what the booklet for
XYZ(69.2545, 50.0311, 95.3010)
contains.

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Color

**XYZ(69.2452, 49.9122,
95.6069)**

Conversions

Conversions Part 1

Format	Color
Hex	FF96F9
RGB	255, 150, 249
RGB Percent	100%, 59%, 98%
CMY	0.0000, 0.4117, 0.0235
CMYK	0.00, 0.41, 0.02, 0.00
HSL	303°, 100%, 79%
HSV	303°, 41%, 100%
XYZ	69.2452, 49.9122, 95.6069
YIQ	192.6810, 30.8010, 53.0490

Conversions

Conversions Part 2

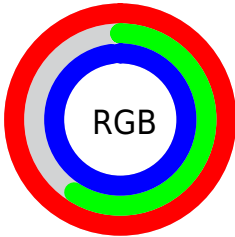
Format	Color
R _Y B	255, 150, 249
Decimal	16750329
CIE _{Lab}	76.02, 53.29, -32.87
CIE _{LCh}	76, 62.609, 328.332
Yxy	49.9122, 0.3224, 0.2324
Android (android.graphics.Color)	4294940409 (0xFFFF96F9)
YUV	192.6810, 27.7653, 54.6538
Hunter-Lab	70.6486, 51.3193, -30.7816

Details

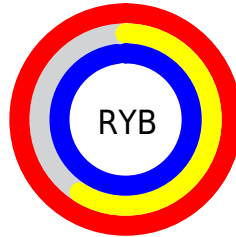
The XYZ color **69.2452, 49.9122, 95.6069** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **54.3399, 80.4050, 44.1104**, and the grayscale version is **50.3323, 52.9535, 57.6663**.

A 20% lighter version of the original color is **81.3613, 72.6226, 104.3371**, and **36.4622, 23.9073, 52.5620** is the 20% darker color. If you saturate the color by 10%, you get **65.3838, 42.5514, 93.2034**, and if you desaturate by 10%, it is **73.9958, 59.0481, 98.3168**.

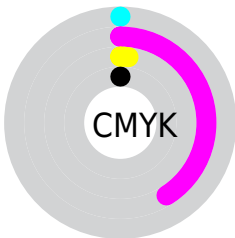
Distribution



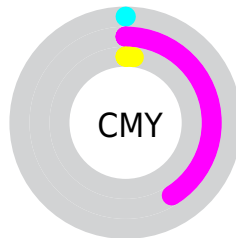
- Red (100%)
- Green (59%)
- Blue (98%)



- Red (100%)
- Yellow (59%)
- Blue (98%)



- Cyan (0%)
- Magenta (41%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.2452, 49.9122, 95.6069 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 69.2452, 49.9122, 95.6069 by changing the saturation by 10% instead.


 69.2452, 49.9122,
95.6069


 69.2452, 49.9122,
95.6069


447.2032,
386.3225, 567.1400

 51.1888, 35.3436,
72.0405

 117.1639, 90.0448,
157.1056

 36.5805, 23.9277,
52.7047


 147.7569,
116.3776, 195.8750

 25.0551, 15.2800,
37.1810


183.2594,
147.4006, 240.5491

 16.2470, 9.0161,
25.0508

224.0369,
183.4982, 291.5465

 9.7911, 4.7517,
15.8955

270.4546,
225.0548, 349.2858

 5.3219, 2.1023,
9.2967


322.8780,


 2.4740, 0.6659,


272.4548, 414.1854


4.8358


381.6724,
326.0825, 486.6640

 0.8822, 0.0000,
2.0942


 0.0000, 0.0000,
0.6123


 69.2452, 49.9122,
95.6069


 69.2452, 49.9122,
95.6069


 65.3838, 42.5514,
93.2034


 73.9958, 59.0481,
98.3168


 62.3503, 36.8439,
91.0840

 79.6852, 70.0589,
101.3476

 60.0809, 32.6618,
89.2279

 86.3630, 83.0438,
104.7167

 58.5010, 29.8559,
87.6103

 94.0747, 98.0934,
108.4391

■ 57.5210, 28.2471,
86.2012

95.0500, 100.0000,
108.9000

■ 57.0321, 27.5768,
85.0901

Harmonies

Analogous

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



58.9208, 49.9122, 132.9312



69.2452, 49.9122, 95.6069



73.6266, 49.9122, 56.2403

Triad

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



69.2452, 49.9122, 95.6069



48.0970, 49.9122, 12.0660



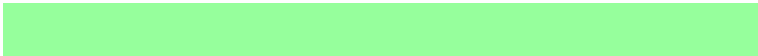
30.2854, 49.9122, 90.9571

Complementary

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



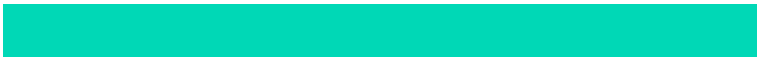
69.2452, 49.9122, 95.6069



54.3399, 80.4050, 44.1104

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.



28.3404, 49.9122, 52.4945



69.2452, 49.9122, 95.6069



37.5568, 49.9122, 15.1067

Square

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



69.2452, 49.9122, 95.6069



60.2392, 49.9122, 15.9185



30.7729, 49.9122, 27.0820



36.5958, 49.9122, 129.5601

Rectangle

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



69.2452, 49.9122, 95.6069



72.1214, 49.9122, 36.5169



30.7729, 49.9122, 27.0820



29.1500, 49.9122, 77.1986

Sweetspot

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



69.2463, 49.9141, 95.6079



85.7730, 81.8945, 104.4253



42.5239, 36.0284, 99.3207



18.1623, 17.1458, 22.2537



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.



69.2463, 49.9141, 95.6079



66.1509, 44.0072, 93.7013



62.2544, 47.1174, 58.7890



18.7452, 18.2814, 22.5414



29.8199, 14.4172, 44.5635



2.9166, 1.4090, 4.4081

Inverse Universe

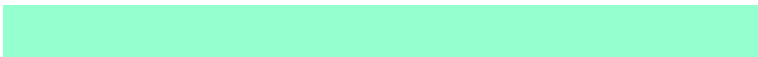
The Inverse Universe completely reimagines the original color for something new.



69.2463, 49.9141, 95.6079



66.1509, 44.0072, 93.7013



59.6935, 82.5465, 72.3019



18.7452, 18.2814, 22.5414



29.8199, 14.4172, 44.5635



2.9166, 1.4090, 4.4081

Previews

White Background



This preview shows how the XYZ color 69.2452, 49.9122, 95.6069 looks on a white background.

Color Contrast Check

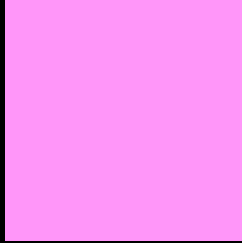
Large Text (above 18pt) WCAG AA × Fail

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 69.2452, 49.9122, 95.6069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

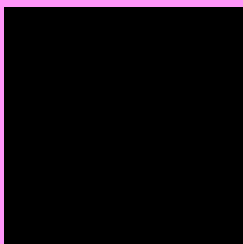
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2452, 49.9122, 95.6069

Background



This preview shows how black text looks on a background with the XYZ color 69.2452, 49.9122, 95.6069.



This preview shows how white text looks on a background with the XYZ color 69.2452, 49.9122,

95.6069.

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

69.2452, 49.9122, 95.6069

Protanopia

51.5453, 50.5533, 101.6488

Deuteranopia

51.4496, 50.0992, 91.7524



Tritanopia

59.4971, 49.7174, 48.5801

Trichromacy



Original Color

69.2452, 49.9122, 95.6069



Protanomaly

56.2264, 49.1211, 99.4464



Deuteranomaly

56.4108, 49.0768, 92.8858



Tritanomaly

62.5368, 49.6410, 63.4124

Monochromacy



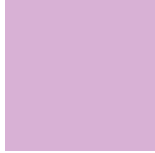
Original Color

69.2452, 49.9122, 95.6069



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

56.0513, 50.8473, 69.8111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2452, 49.9122, 95.6069 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(255, 150, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 249)  
}
```

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(255, 150, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 249) }
```

Border

The CSS property to change the border of an element to XYZ 69.2452, 49.9122, 95.6069 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(255, 150, 249) }
```


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

```
.border{ border-color:rgb(255, 150, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 150, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2452, 49.9122, 95.6069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 249) }
```

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

```
.background{ background-color: rgb(255,  
150, 249) }
```

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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