

Converting Colors

XYZ(69.7337, 51.2871, 97.7863)

Have a look what the booklet for
XYZ(69.7337, 51.2871, 97.7863)
contains.

XYZ(69.6419, 51.2904, 97.4963)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.6419, 51.2904,
97.4963)**

Conversions

Conversions Part 1	
Format	Color
Hex	FD9BFB
RGB	253, 155, 251
RGB Percent	99%, 61%, 98%
CMY	0.0078, 0.3921, 0.0157
CMYK	0.00, 0.39, 0.01, 0.01
HSL	301°, 96%, 80%
HSV	301°, 39%, 99%
XYZ	69.6419, 51.2904, 97.4963
YIQ	195.2460, 27.5920, 50.6320

Conversions

Conversions Part 2

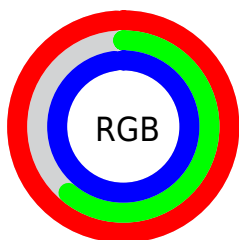
Format	Color
RYB	253, 155, 251
Decimal	16620539
CIELab	76.85, 50.53, -32.68
CIELCh	77, 60.172, 327.109
Yxy	51.2904, 0.3188, 0.2348
Android (android.graphics.Color)	4294810619 (0xFFFD9BFB)
YUV	195.2460, 27.4867, 50.6503
Hunter-Lab	71.6173, 48.2461, -30.5824

Details

The XYZ color **69.6419, 51.2904, 97.4963** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **54.7308, 79.6551, 44.3916**, and the grayscale version is **51.8497, 54.5499, 59.4049**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **36.8970, 24.8045, 53.8820** is the 20% darker color. If you saturate the color by 10%, you get **65.7835, 43.7026, 95.8095**, and if you desaturate by 10%, it is **74.3859, 60.6469, 99.4804**.

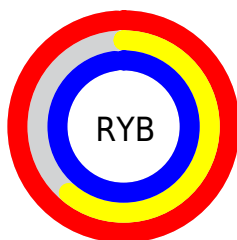
Distribution



Red (99%)

Green (61%)

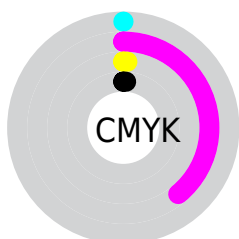
Blue (98%)



Red (99%)

Yellow (61%)

Blue (98%)

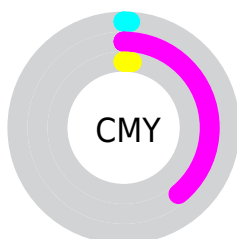


Cyan (0%)

Magenta (39%)

Yellow (1%)

Black (1%)



Cyan (1%)


Magenta (39%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.6419, 51.2904, 97.4963 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 69.6419, 51.2904, 97.4963 by changing the saturation by 10% instead.


 69.6419, 51.2904,
97.4963


 69.6419, 51.2904,
97.4963


448.5777,
391.6910, 573.3133

 51.5132, 36.4398,
73.6061


 117.7270, 92.0839,
159.7340

 36.8399, 24.7740,
53.9768


 148.4141,
118.7955, 198.9185

 25.2567, 15.9088,
38.1901

184.0180,
150.2297, 244.0382

 16.3981, 9.4596,
25.8273

224.9041,
186.7706, 295.5116

 9.8989, 5.0422,
16.4699

271.4378,
228.8029, 353.7573

 5.3938, 2.2720,
9.6993


323.9844,


 2.5172, 0.7588,


276.7107, 419.1938

5.0971


382.9092,
330.8786, 492.2396


 0.9039, 0.0000,
2.2446


 0.0000, 0.0000,
0.6999


 69.6419, 51.2904,
97.4963


 69.6419, 51.2904,
97.4963


 65.7835, 43.7026,
95.8095


 74.3859, 60.6469,
99.4804


 62.7501, 37.7655,
94.3983


 80.0612, 71.8666,
101.7755


 60.4815, 33.3579,
93.2431


 86.7163, 85.0456,
104.3984

 58.9074, 30.3387,
92.3205

 94.0088, 99.4990,
107.2348

 57.9441, 28.5409, 94.0912, 99.5320,
91.6027 107.6689

 57.4714, 27.7237, 94.1739, 99.5651,
91.0494 108.1042

 57.4264, 27.6501, 94.2568, 99.5982,
90.9843 108.5407

94.3185, 99.6229,
108.8658

Harmonies

Analogous

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



59.4715, 51.2904, 132.7435



69.6419, 51.2904, 97.4963



74.1717, 51.2904, 59.0829

Triad

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



69.6419, 51.2904, 97.4963



49.8673, 51.2904, 13.6098



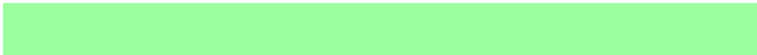
31.6804, 51.2904, 89.7365

Complementary

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



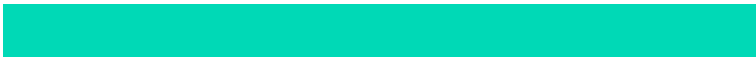
69.6419, 51.2904, 97.4963



54.7308, 79.6551, 44.3916

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.



29.9227, 51.2904, 52.7305



69.6419, 51.2904, 97.4963



39.4013, 51.2904, 16.4557

Square

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



69.6419, 51.2904, 97.4963



61.6914, 51.2904, 17.9025



32.5197, 51.2904, 28.1556



37.7582, 51.2904, 127.1671

Rectangle

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



69.6419, 51.2904, 97.4963



72.9286, 51.2904, 39.2940



32.5197, 51.2904, 28.1556



30.6105, 51.2904, 76.4959

Sweetspot

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



69.6436, 51.2927, 97.4974



85.9529, 81.9664, 105.3723



43.2865, 37.6685, 97.9190



18.2049, 17.1628, 22.4783



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.



69.6436, 51.2927, 97.4974



67.9523, 46.4177, 97.9773



62.9355, 48.6094, 62.1728



18.7757, 18.2936, 22.7021



30.5555, 14.7115, 48.4372



2.9800, 1.4344, 4.7420

Inverse Universe

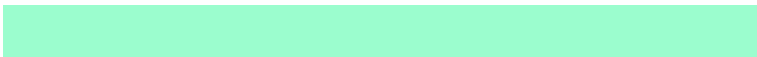
The Inverse Universe completely reimagines the original color for something new.



69.6436, 51.2927, 97.4974



67.9523, 46.4177, 97.9773



59.7409, 81.6592, 70.7747



18.7757, 18.2936, 22.7021



30.5555, 14.7115, 48.4372



2.9800, 1.4344, 4.7420

Previews

White Background



This preview shows how the XYZ color 69.6419, 51.2904, 97.4963 looks on a white background.

Color Contrast Check

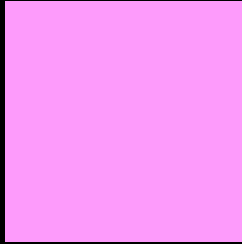
Large Text (above 18pt) WCAG AA × Fail

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 69.6419, 51.2904, 97.4963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

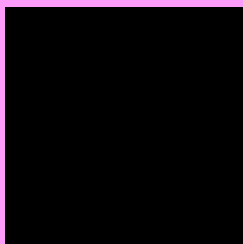
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6419, 51.2904, 97.4963

Background



This preview shows how black text looks on a background with the XYZ color 69.6419, 51.2904, 97.4963.



This preview shows how white text looks on a background with the XYZ color 69.6419, 51.2904,

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

69.6419, 51.2904, 97.4963

Protanopia

52.6108, 51.7325, 101.8202

Deuteranopia

52.8422, 51.7169, 93.5835



Tritanopia

59.9397, 50.9864, 50.9382

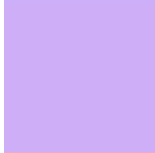
Trichromacy



Original Color
69.6419, 51.2904, 97.4963



Protanomaly
57.2341, 50.4858, 100.4941



Deuteranomaly
57.5721, 50.4972, 94.7082

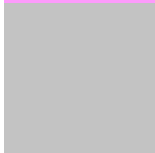


Tritanomaly
62.8957, 50.8301, 65.5277

Monochromacy



Original Color
69.6419, 51.2904, 97.4963



Achromatopsia
51.8711, 54.5724, 59.4294



Achromatomaly
56.9059, 52.1477, 71.3562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6419, 51.2904, 97.4963 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(253, 155, 251) looks like.

```
.text, #text, p{  
    color:rgb(253, 155, 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(253, 155, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 155, 251) }
```

Border

The CSS property to change the border of an element to XYZ 69.6419, 51.2904, 97.4963 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(253, 155, 251) }
```


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

```
.border{ border-color:rgb(253, 155, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 155, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 155, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 155, 251);  
box-shadow:4px 4px 4px 4px rgb(253, 155,  
251) }
```


Background

The CSS property to change the background color of an element to XYZ 69.6419, 51.2904, 97.4963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 155, 251) }
```

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

```
.background{ background-color: rgb(253,  
155, 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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