

Converting Colors

XYZ(71.0060, 52.6414,
113.0437)

Have a look what the booklet for
XYZ(71.0060, 52.6414, 113.0437)
contains.

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Color

**XYZ(68.8059, 51.7904,
100.9778)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F79FFF |
| RGB | 247, 159, 255 |
| RGB Percent | 97%, 62%, 100% |
| CMY | 0.0314, 0.3764, 0.0000 |
| CMYK | 0.03, 0.38, 0.00, 0.00 |
| HSL | 295°, 100%, 81% |
| HSV | 295°, 38%, 100% |
| XYZ | 68.8059, 51.7904, 100.9778 |
| YIQ | 196.2560, 21.6320, 48.5120 |

Conversions

Conversions Part 2

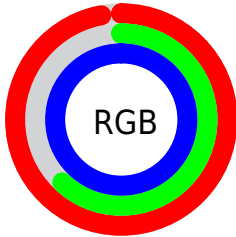
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 247, 159, 255 |
| Decimal | 16228351 |
| CIE _{Lab} | 77.16, 47.42, -34.43 |
| CIE _{LCh} | 77, 58.598, 324.022 |
| Yxy | 51.7904, 0.3105, 0.2337 |
| Android (android.graphics.Color) | 4294418431 (0xFFFF79FFF) |
| YUV | 196.2560, 28.9608, 44.5025 |
| Hunter-Lab | 71.9655, 44.7232, -32.8163 |

Details

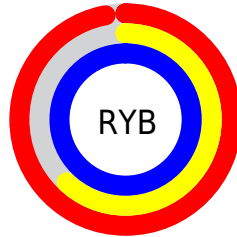
The XYZ color **68.8059, 51.7904, 100.9778** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **57.9556, 82.2393, 45.6225**, and the grayscale version is **52.4469, 55.1782, 60.0891**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **36.2309, 24.9992, 56.3418** is the 20% darker color. If you saturate the color by 10%, you get **64.1202, 43.5242, 99.6292**, and if you desaturate by 10%, it is **74.4077, 61.8743, 102.6290**.

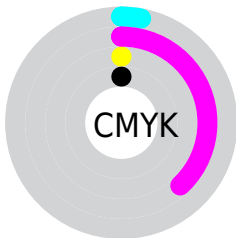
Distribution



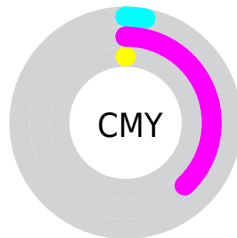
- Red (97%)
- Green (62%)
- Blue (100%)



- Red (97%)
- Yellow (62%)
- Blue (100%)



- Cyan (3%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.8059, 51.7904, 100.9778 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 68.8059, 51.7904, 100.9778 by changing the saturation by 10% instead.


 68.8059, 51.7904,
100.9778


 68.8059, 51.7904,
100.9778


445.6782,
393.6269, 584.5965

 50.8297, 36.8380,
76.4960

 116.5399, 92.8221,
164.5638

 36.2936, 25.0821,
56.3302


 147.0284,
119.6701, 204.5051

 24.8322, 16.1382,
40.0620

182.4184,
151.2522, 250.4366

 16.0801, 9.6220,
27.2727

223.0753,
187.9527, 302.7769

 9.6721, 5.1491,
17.5439

269.3643,
230.1561, 361.9445

 5.2427, 2.3350,
10.4570

321.6509,

 2.4266, 0.7921,

278.2466, 428.3579

5.5934

380.3004,
332.6088, 502.4357

■ 0.8584, 0.0000,
2.5347

■ 0.0000, 0.0000,
0.8585

■ 68.8059, 51.7904,
100.9778

■ 68.8059, 51.7904,
100.9778

■ 64.1202, 43.5242,
99.6292

■ 74.4077, 61.8743,
102.6290

■ 60.2899, 36.9569,
98.5635

■ 80.9721, 73.8717,
104.5987

■ 57.2543, 31.9665,
97.7602

■ 88.5482, 87.8797,
106.9032

■ 54.9425, 28.4112,
97.1959

95.0500, 100.0000,
108.9000

■ 53.2712, 26.1243,
96.8425

■ 52.1304, 24.8858,
96.6636

■ 51.9009, 24.6708,
96.6342

Harmonies

Analogous

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



58.5298, 51.7904, 133.6397



68.8059, 51.7904, 100.9778



73.9206, 51.7904, 63.0668

Triad

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



68.8059, 51.7904, 100.9778



51.5042, 51.7904, 14.5856



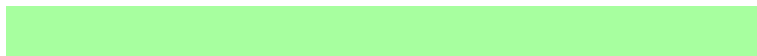
32.0479, 51.7904, 85.4326

Complementary

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



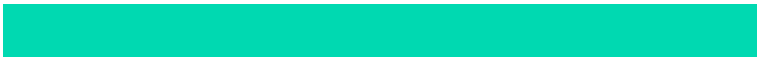
68.8059, 51.7904, 100.9778



57.9556, 82.2393, 45.6225

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.



30.7517, 51.7904, 50.2036



68.8059, 51.7904, 100.9778



40.9630, 51.7904, 16.7154

Square

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



68.8059, 51.7904, 100.9778



63.0026, 51.7904, 19.7392



33.7638, 51.7904, 27.3476



37.6188, 51.7904, 122.5354

Rectangle

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



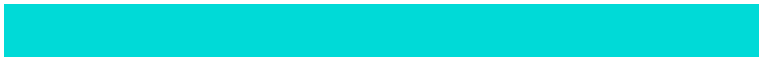
68.8059, 51.7904, 100.9778



73.2344, 51.7904, 42.7197



33.7638, 51.7904, 27.3476



31.1369, 51.7904, 72.7059

Sweetspot

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



68.8075, 51.7926, 100.9782



85.8908, 82.9503, 106.0918



46.1687, 42.2307, 100.3257



18.1614, 17.3426, 22.6402



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.



68.8075, 51.7926, 100.9782



65.2743, 45.5409, 99.9577



65.9051, 50.9645, 70.6550



18.6346, 18.2189, 22.7844



27.1816, 12.9231, 50.4964



2.6888, 1.2801, 4.9186

Inverse Universe

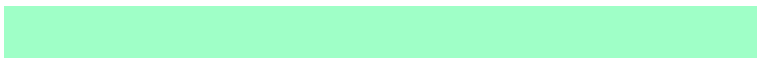
The Inverse Universe completely reimagines the original color for something new.



60.6144, 48.8483, 42.7948



56.1445, 42.2852, 33.9771



60.3683, 83.0151, 66.8765



18.0708, 18.0116, 18.9900



21.6418, 11.1460, 1.4984



2.1272, 1.0933, 0.2514

Previews

White Background



This preview shows how the XYZ color 68.8059, 51.7904, 100.9778 looks on a white background.

Color Contrast Check

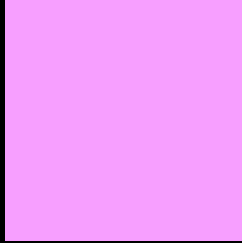
Large Text (above 18pt) WCAG AA × Fail

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 68.8059, 51.7904, 100.9778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

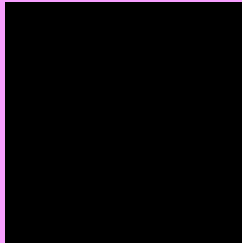
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.8059, 51.7904, 100.9778

Background



This preview shows how black text looks on a background with the XYZ color 68.8059, 51.7904, 100.9778.



This preview shows how white text looks on a background with the XYZ color 68.8059, 51.7904,

100.9778.

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

68.8059, 51.7904, 100.9778

Protanopia

53.0422, 52.2731, 101.9018

Deuteranopia

53.5986, 52.3335, 97.7189



Tritanopia

59.1731, 51.6521, 53.8648

Trichromacy



Original Color

68.8059, 51.7904, 100.9778



Protanomaly

57.5236, 51.2029, 101.4591



Deuteranomaly

57.9214, 51.1691, 98.9193

Tritanomaly

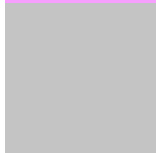
62.1619, 51.4595, 68.9437

Monochromacy



Original Color

68.8059, 51.7904, 100.9778



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

57.4822, 53.3238, 72.9085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8059, 51.7904, 100.9778 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(247, 159, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 159, 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(247, 159, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 159, 255) }
```

Border

The CSS property to change the border of an element to XYZ 68.8059, 51.7904, 100.9778 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(247, 159, 255) }
```


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

```
.border{ border-color:rgb(247, 159, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 159, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 159, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 159, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 159,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8059, 51.7904, 100.9778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 159, 255) }
```

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

```
.background{ background-color: rgb(247,  
159, 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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