

Converting Colors

XYZ(71.0386, 53.4735, 96.2832)

Have a look what the booklet for
XYZ(71.0386, 53.4735, 96.2832)
contains.

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Color

**XYZ(71.0838, 53.5893,
96.2198)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA1F9 |
| RGB | 255, 161, 249 |
| RGB Percent | 100%, 63%, 98% |
| CMY | 0.0000, 0.3686, 0.0235 |
| CMYK | 0.00, 0.37, 0.02, 0.00 |
| HSL | 304°, 100%, 82% |
| HSV | 304°, 37%, 100% |
| XYZ | 71.0838, 53.5893, 96.2198 |
| YIQ | 199.1380, 27.7760, 47.2960 |

Conversions

Conversions Part 2

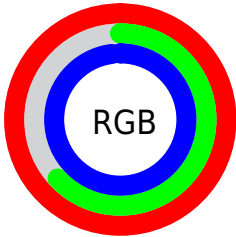
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 161, 249 |
| Decimal | 16753145 |
| CIE _{Lab} | 78.22, 47.72, -29.47 |
| CIE _{LCh} | 78, 56.092, 328.301 |
| Yxy | 53.5893, 0.3218, 0.2426 |
| Android (android.graphics.Color) | 4294943225 (0xFFFFA1F9) |
| YUV | 199.1380, 24.5820, 48.9910 |
| Hunter-Lab | 73.2047, 45.2202, -26.6871 |

Details

The XYZ color **71.0838, 53.5893, 96.2198** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **57.4346, 81.8879, 49.3404**, and the grayscale version is **54.2142, 57.0376, 62.1139**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **37.7981, 26.1915, 52.9325** is the 20% darker color. If you saturate the color by 10%, you get **66.8209, 45.4679, 93.5525**, and if you desaturate by 10%, it is **76.2597, 63.5329, 99.2038**.

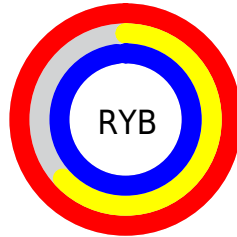
Distribution



Red (100%)

Green (63%)

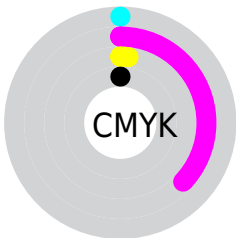
Blue (98%)



Red (100%)

Yellow (63%)

Blue (98%)

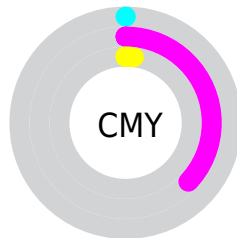


Cyan (0%)

Magenta (37%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0838, 53.5893, 96.2198 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 71.0838, 53.5893, 96.2198 by changing the saturation by 10% instead.

 71.0838, 53.5893,
96.2198


 71.0838, 53.5893,
96.2198


453.5536,
400.5419, 569.1465

 52.6934, 38.2734,
72.5481


 119.7709, 95.4710,
157.9588

 37.7845, 26.1950,
53.1170

 150.7983,
122.8055, 196.8632

 25.9920, 16.9695,
37.5078


186.7687,
154.9151, 241.6823

 16.9503, 10.2128,
25.3021

228.0475,
192.1841, 292.8345

 10.2941, 5.5403,
16.0812

275.0000,
234.9968, 350.7385

 5.6582, 2.5676,
9.4266

327.9916,

 2.6770, 0.9104,

283.7378, 415.8129

4.9199

387.3877,
338.7914, 488.4760

■ 0.9854, 0.0000,
2.1424

■ 0.0000, 0.0000,
0.6408

■ 71.0838, 53.5893,
96.2198

■ 71.0838, 53.5893,
96.2198

■ 66.8209, 45.4679,
93.5525

■ 76.2597, 63.5329,
99.2038

■ 63.4121, 39.0513,
91.1799

■ 82.3962, 75.3944,
102.5181

■ 60.7969, 34.2183,
89.0827

■ 89.5416, 89.2700,
106.1796

■ 58.9051, 30.8289,
87.2374

95.0500, 100.0000,
108.9000

■ 57.6548, 28.7187,
85.6167

■ 56.9418, 27.6797,
84.1858

■ 56.7794, 27.4758,
83.7592

Harmonies

Analogous

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



61.6102, 53.5893, 129.3848



71.0838, 53.5893, 96.2198



75.0765, 53.5893, 60.1601

Triad

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



71.0838, 53.5893, 96.2198



51.5633, 53.5893, 16.3870



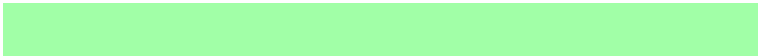
34.5212, 53.5893, 91.9521

Complementary

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



71.0838, 53.5893, 96.2198



57.4346, 81.8879, 49.3404

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.



32.6181, 53.5893, 56.5759



71.0838, 53.5893, 96.2198



41.5702, 53.5893, 19.6718

Square

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



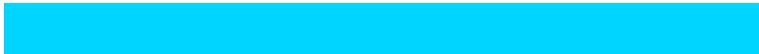
71.0838, 53.5893, 96.2198



62.8488, 53.5893, 20.5527



35.0063, 53.5893, 32.0039



40.6309, 53.5893, 126.3613

Rectangle

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



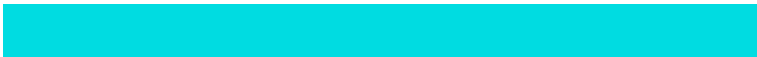
71.0838, 53.5893, 96.2198



73.7143, 53.5893, 41.3538



35.0063, 53.5893, 32.0039



33.4106, 53.5893, 79.4610

Sweetspot

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



71.0849, 53.5914, 96.2209



86.4585, 83.2760, 104.6208



46.4601, 40.7870, 100.0317



18.2978, 17.4208, 22.2867



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.



71.0849, 53.5914, 96.2209



67.9508, 47.6122, 94.2847



64.8015, 51.0780, 63.1332



18.7397, 18.2792, 22.5122



29.6899, 14.3653, 43.8790



2.9053, 1.4045, 4.3489

Inverse Universe

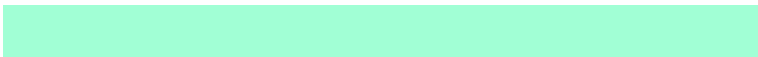
The Inverse Universe completely reimagines the original color for something new.



71.0849, 53.5914, 96.2209



67.9508, 47.6122, 94.2847



62.4316, 83.8867, 75.6543



18.7397, 18.2792, 22.5122



29.6899, 14.3653, 43.8790



2.9053, 1.4045, 4.3489

Previews

White Background



This preview shows how the XYZ color 71.0838, 53.5893, 96.2198 looks on a white background.

Color Contrast Check

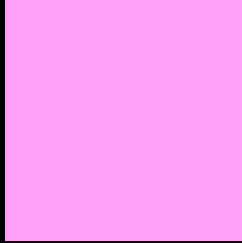
Large Text (above 18pt) WCAG AA × Fail

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 71.0838, 53.5893, 96.2198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

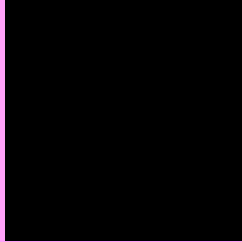
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0838, 53.5893, 96.2198

Background



This preview shows how black text looks on a background with the XYZ color 71.0838, 53.5893, 96.2198.



This preview shows how white text looks on a background with the XYZ color 71.0838, 53.5893,

96.2198.

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

71.0838, 53.5893, 96.2198

Protanopia

54.8041, 54.1494, 102.1711

Deuteranopia

55.2361, 53.9234, 93.0849



Tritanopia

62.4635, 53.6341, 54.0739

Trichromacy



Original Color

71.0838, 53.5893, 96.2198



Protanomaly

59.4303, 53.1187, 100.0491



Deuteranomaly

59.9060, 52.8911, 94.2404



Tritanomaly

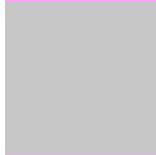
65.2452, 53.3531, 67.8321

Monochromacy



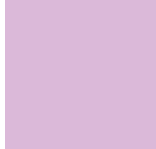
Original Color

71.0838, 53.5893, 96.2198



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

59.0868, 54.7677, 73.1027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0838, 53.5893, 96.2198 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, 161, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 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, 161, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 249) }
```

Border

The CSS property to change the border of an element to XYZ 71.0838, 53.5893, 96.2198 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, 161, 249) }
```


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

```
.border{ border-color:rgb(255, 161, 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, 161, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0838, 53.5893, 96.2198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 249) }
```

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

```
.background{ background-color: rgb(255,  
161, 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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