

Converting Colors

XYZ(71.5816, 53.6907, 99.1425)

Have a look what the booklet for
XYZ(71.5816, 53.6907, 99.1425)
contains.

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Color

**XYZ(71.7145, 53.8416,
99.5412)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA1FD
RGB	255, 161, 253
RGB Percent	100%, 63%, 99%
CMY	0.0000, 0.3686, 0.0078
CMYK	0.00, 0.37, 0.01, 0.00
HSL	301°, 100%, 82%
HSV	301°, 37%, 100%
XYZ	71.7145, 53.8416, 99.5412
YIQ	199.5940, 26.4920, 48.5400

Conversions

Conversions Part 2

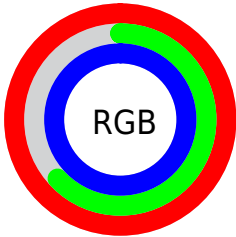
Format	Color
R _Y B	255, 161, 253
Decimal	16753149
CIE Lab	78.37, 48.43, -31.40
CIE LCh	78, 57.717, 327.038
Yxy	53.8416, 0.3186, 0.2392
Android (android.graphics.Color)	4294943229 (0xFFFFA1FD)
YUV	199.5940, 26.3292, 48.5911
Hunter-Lab	73.3768, 46.0467, -29.0676

Details

The XYZ color **71.7145, 53.8416, 99.5412** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **57.0704, 81.7422, 47.4225**, and the grayscale version is **54.4835, 57.3209, 62.4224**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **38.2475, 26.3712, 55.2988** is the 20% darker color. If you saturate the color by 10%, you get **67.6182, 45.7868, 97.7508**, and if you desaturate by 10%, it is **76.7220, 63.7178, 101.6380**.

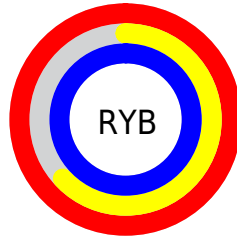
Distribution



Red (100%)

Green (63%)

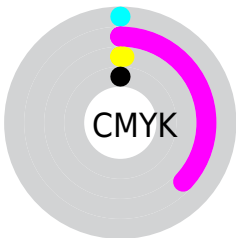
Blue (99%)



Red (100%)

Yellow (63%)

Blue (99%)

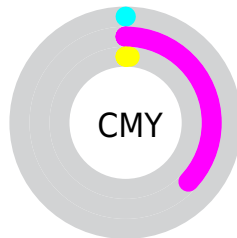


Cyan (0%)

Magenta (37%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7145, 53.8416, 99.5412 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 71.7145, 53.8416, 99.5412 by changing the saturation by 10% instead.


 71.7145, 53.8416,
99.5412


 71.7145, 53.8416,
99.5412


455.7203,
401.5057, 579.9548

 53.2101, 38.4750,
75.3027


 120.6635, 95.8416,
162.5729

 38.1987, 26.3516,
55.3577

 151.8389,
123.2439, 202.2032

 26.3148, 17.0868,
39.2876

187.9686,
155.4268, 247.8011

 17.1932, 10.2964,
26.6740

229.4181,
192.7749, 299.7853

 10.4685, 5.5959,
17.0983

276.5526,
235.6724, 358.5742

 5.7753, 2.6010,
10.1419

329.7376,

 2.7483, 0.9272,

284.5037, 424.5864

5.3863

389.3384,
339.6534, 498.2404

■ 1.0221, 0.0000,
2.4130

■ 0.0000, 0.0000,
0.7935

■ 71.7145, 53.8416,
99.5412

■ 71.7145, 53.8416,
99.5412

■ 67.6182, 45.7868,
97.7508

■ 76.7220, 63.7178,
101.6380

■ 64.3740, 39.4361,
96.2449

■ 82.6880, 75.5111,
104.0548

■ 61.9213, 34.6681,
95.0041

■ 89.6610, 89.3178,
106.8084

■ 60.1903, 31.3429,
94.0050

95.0500, 100.0000,
108.9000

■ 59.0987, 29.2963,
93.2203

■ 58.5425, 28.3200,
92.6153

■ 58.4290, 28.1356,
92.4459

Harmonies

Analogous

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



61.7298, 53.8416, 133.6000



71.7145, 53.8416, 99.5412



76.1580, 53.8416, 61.9077

Triad

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



71.7145, 53.8416, 99.5412



52.3088, 53.8416, 15.7855



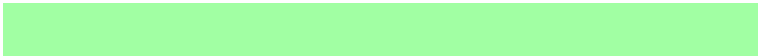
34.1207, 53.8416, 91.8034

Complementary

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



71.7145, 53.8416, 99.5412



57.0704, 81.7422, 47.4225

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.



32.3571, 53.8416, 55.4592



71.7145, 53.8416, 99.5412



41.8973, 53.8416, 18.7638

Square

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



71.7145, 53.8416, 99.5412



63.9657, 53.8416, 20.3131



34.9871, 53.8416, 30.8101



40.2140, 53.8416, 128.0944

Rectangle

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



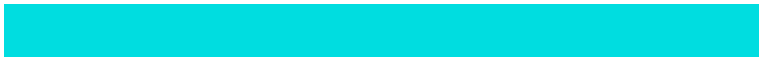
71.7145, 53.8416, 99.5412



74.9561, 53.8416, 42.1787



34.9871, 53.8416, 30.8101



33.0448, 53.8416, 78.8699

Sweetspot

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



71.7157, 53.8437, 99.5423



86.6495, 83.3525, 105.6267



45.8127, 40.4532, 100.0014



18.3437, 17.4392, 22.5284



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.



71.7157, 53.8437, 99.5423



68.7006, 47.9122, 98.2332



65.1796, 51.2292, 65.1237



18.7750, 18.2933, 22.6984



30.5380, 14.7045, 48.3449



2.9785, 1.4338, 4.7341

Inverse Universe

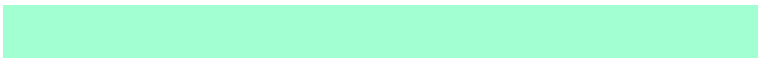
The Inverse Universe completely reimagines the original color for something new.



71.7157, 53.8437, 99.5423



68.7006, 47.9122, 98.2332



62.0384, 83.7294, 73.5835



18.7750, 18.2933, 22.6984



30.5380, 14.7045, 48.3449



2.9785, 1.4338, 4.7341

Previews

White Background



This preview shows how the XYZ color 71.7145, 53.8416, 99.5412 looks on a white background.

Color Contrast Check

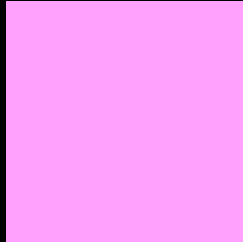
Large Text (above 18pt) WCAG AA × Fail

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 71.7145, 53.8416, 99.5412 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 71.7145, 53.8416, 99.5412

Background



This preview shows how black text looks on a background with the XYZ color 71.7145, 53.8416, 99.5412.

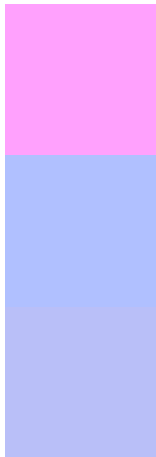


This preview shows how white text looks on a background with the XYZ color 71.7145, 53.8416,

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

71.7145, 53.8416, 99.5412

Protanopia

54.8041, 54.1494, 102.1711

Deuteranopia

55.5817, 54.3532, 96.3687



Tritanopia

62.5709, 53.6771, 54.6398

Trichromacy



Original Color

71.7145, 53.8416, 99.5412



Protanomaly

59.5901, 53.1826, 100.8905



Deuteranomaly

60.1549, 53.2463, 97.5495



Tritanomaly

65.4960, 53.4534, 69.1529

Monochromacy



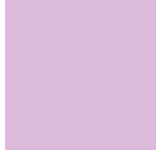
Original Color

71.7145, 53.8416, 99.5412



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

59.8603, 55.4479, 74.5654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7145, 53.8416, 99.5412 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 253) }
```

Border

The CSS property to change the border of an element to XYZ 71.7145, 53.8416, 99.5412 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, 253) }
```


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

```
.border{ border-color:rgb(255, 161, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7145, 53.8416, 99.5412 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, 253) }
```

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

```
.background{ background-color: rgb(255,  
161, 253) }
```

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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