

Converting Colors

XYZ(73.3293, 57.3974, 99.0738)

Have a look what the booklet for
XYZ(73.3293, 57.3974, 99.0738)
contains.

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Color

**XYZ(73.3736, 57.4141,
99.3103)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABFC
RGB	255, 171, 252
RGB Percent	100%, 67%, 99%
CMY	0.0000, 0.3294, 0.0118
CMYK	0.00, 0.33, 0.01, 0.00
HSL	302°, 100%, 84%
HSV	302°, 33%, 100%
XYZ	73.3736, 57.4141, 99.3103
YIQ	205.3500, 24.0630, 42.9990

Conversions

Conversions Part 2

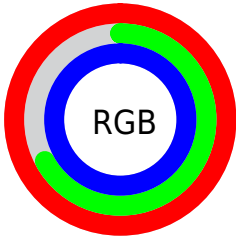
Format	Color
R _Y B	255, 171, 252
Decimal	16755708
CIE Lab	80.41, 43.10, -27.73
CIE LCh	80, 51.255, 327.246
Yxy	57.4141, 0.3189, 0.2495
Android (android.graphics.Color)	4294945788 (0xFFFFABFC)
YUV	205.3500, 22.9985, 43.5431
Hunter-Lab	75.7721, 40.2486, -24.6677

Details

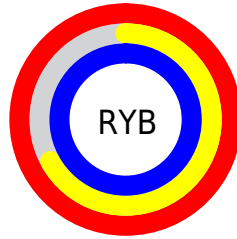
The XYZ color **73.3736, 57.4141, 99.3103** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **60.1963, 83.2348, 52.9401**, and the grayscale version is **58.0998, 61.1255, 66.5657**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **39.2376, 28.5330, 55.0691** is the 20% darker color. If you saturate the color by 10%, you get **68.8697, 48.6365, 97.0996**, and if you desaturate by 10%, it is **78.8097, 68.0546, 101.8367**.

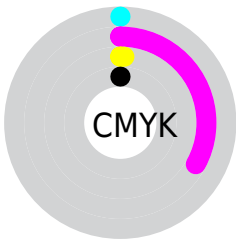
Distribution



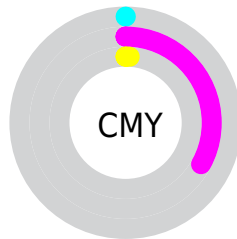
- Red (100%)
- Green (67%)
- Blue (99%)



- Red (100%)
- Yellow (67%)
- Blue (99%)



- Cyan (0%)
- Magenta (33%)
- Yellow (1%)
- Black (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3736, 57.4141, 99.3103 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 73.3736, 57.4141, 99.3103 by changing the saturation by 10% instead.

73.3736, 57.4141,
99.3103

73.3736, 57.4141,
99.3103

461.3924,
414.9992, 579.2069

54.5710, 41.3378,
75.1110

123.0077,
101.0692, 162.2527

39.2908, 28.5831,
55.2015

154.5699,
129.4167, 201.8328

27.1678, 18.7657,
39.1634

191.1160,
162.6235, 247.3769

17.8365, 11.5011,
26.5781

233.0114,
201.0738, 299.3037

10.9316, 6.4049,
17.0270

280.6213,
245.1522, 358.0315

6.0878, 3.0928,
10.0916


334.3112,


2.9397, 1.1804,


295.2429, 423.9789


5.3533


394.4465,
351.7305, 497.5646


 1.1220, 0.0456,
2.3937


 0.0434, 0.0000,
0.7830

 73.3736, 57.4141,
99.3103


 73.3736, 57.4141,
99.3103


 68.8697, 48.6365,
97.0996


 78.8097, 68.0546,
101.8367

 65.2407, 41.6078,
95.1831

 85.2237, 80.6500,
104.6917

 62.4288, 36.2120,
93.5424

 92.6626, 95.2941,
107.8918

 60.3675, 32.3166,
92.1553

95.0500, 100.0000,
108.9000

■ 58.9802, 29.7679,
90.9963

■ 58.1737, 28.3797,
90.0343

■ 57.8585, 27.9074,
89.4417

Harmonies

Analogous

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



64.3459, 57.4141, 129.3063



73.3736, 57.4141, 99.3103



77.3251, 57.4141, 65.3344

Triad

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



73.3736, 57.4141, 99.3103



55.5464, 57.4141, 20.7171



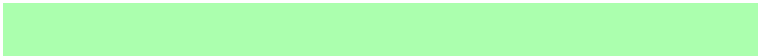
38.5156, 57.4141, 92.9005

Complementary

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



73.3736, 57.4141, 99.3103



60.1963, 83.2348, 52.9401

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.



36.7848, 57.4141, 59.7763



73.3736, 57.4141, 99.3103



45.8387, 57.4141, 23.9087

Square

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



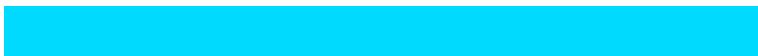
73.3736, 57.4141, 99.3103



66.2399, 57.4141, 25.4029



39.2899, 57.4141, 36.1568



44.3588, 57.4141, 124.8474

Rectangle

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



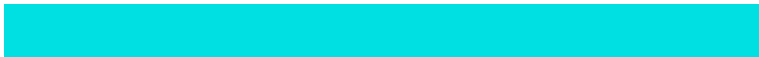
73.3736, 57.4141, 99.3103



76.2147, 57.4141, 46.8898



39.2899, 57.4141, 36.1568



37.4689, 57.4141, 81.2730

Sweetspot

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



73.3748, 57.4163, 99.3115



87.3016, 84.7372, 105.5957



50.0263, 45.3244, 100.7195



18.4711, 17.7141, 22.5085



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.



73.3748, 57.4163, 99.3115



70.1003, 51.0301, 97.7182



67.4622, 55.0513, 68.1758



18.7630, 18.2885, 22.6351



30.2448, 14.5872, 46.8009



2.9533, 1.4237, 4.6012

Inverse Universe

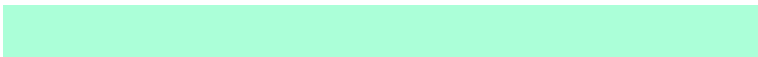
The Inverse Universe completely reimagines the original color for something new.



73.3748, 57.4163, 99.3115



70.1003, 51.0301, 97.7182



64.9250, 85.1262, 77.8412



18.7630, 18.2885, 22.6351



30.2448, 14.5872, 46.8009



2.9533, 1.4237, 4.6012

Previews

White Background



This preview shows how the XYZ color 73.3736, 57.4141, 99.3103 looks on a white background.

Color Contrast Check

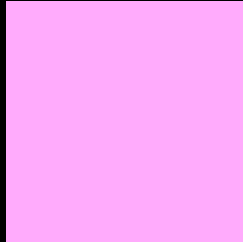
Large Text (above 18pt) WCAG AA × Fail

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 73.3736, 57.4141, 99.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

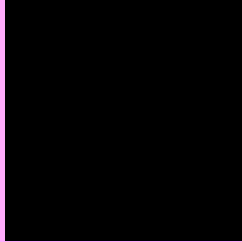
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3736, 57.4141, 99.3103

Background



This preview shows how black text looks on a background with the XYZ color 73.3736, 57.4141, 99.3103.

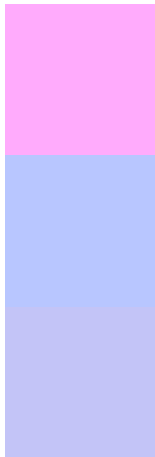


This preview shows how white text looks on a background with the XYZ color 73.3736, 57.4141,

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

73.3736, 57.4141, 99.3103

Protanopia

58.0112, 57.7985, 102.7064

Deuteranopia

59.0341, 57.7974, 96.0403



Tritanopia

65.4032, 57.3979, 59.8563

Trichromacy



Original Color

73.3736, 57.4141, 99.3103



Protanomaly

62.4510, 56.8238, 101.4425



Deuteranomaly

63.4845, 57.1319, 97.3041



Tritanomaly

68.0987, 57.3079, 72.4381

Monochromacy



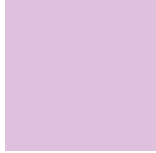
Original Color

73.3736, 57.4141, 99.3103



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

62.6862, 59.1018, 77.2111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3736, 57.4141, 99.3103 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, 171, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 252)  
}
```

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, 171, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 252) }
```

Border

The CSS property to change the border of an element to XYZ 73.3736, 57.4141, 99.3103 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, 171, 252) }
```


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

```
.border{ border-color:rgb(255, 171, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3736, 57.4141, 99.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 252) }
```

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

```
.background{ background-color: rgb(255,  
171, 252) }
```

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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