

Converting Colors

XYZ(73.7826, 57.8211,
100.7135)

Have a look what the booklet for
XYZ(73.7826, 57.8211, 100.7135)
contains.

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Color

**XYZ(73.8819, 57.9208,
101.0518)**

Conversions

Conversions Part 1

Format	Color
Hex	FFACFE
RGB	255, 172, 254
RGB Percent	100%, 67%, 100%
CMY	0.0000, 0.3255, 0.0039
CMYK	0.00, 0.33, 0.00, 0.00
HSL	301°, 100%, 84%
HSV	301°, 33%, 100%
XYZ	73.8819, 57.9208, 101.0518
YIQ	206.1650, 23.1460, 43.0980

Conversions

Conversions Part 2

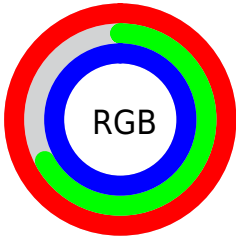
Format	Color
R _Y B	255, 172, 254
Decimal	16755966
CIE Lab	80.69, 42.94, -28.37
CIE LCh	81, 51.468, 326.549
Yxy	57.9208, 0.3173, 0.2487
Android (android.graphics.Color)	4294946046 (0xFFFFACFE)
YUV	206.1650, 23.5827, 42.8283
Hunter-Lab	76.1057, 40.0992, -25.4502

Details

The XYZ color **73.8819, 57.9208, 101.0518** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **60.3178, 83.3086, 52.4386**, and the grayscale version is **58.6165, 61.6692, 67.1577**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **39.5824, 28.8584, 56.3073** is the 20% darker color. If you saturate the color by 10%, you get **69.4375, 49.1102, 99.3288**, and if you desaturate by 10%, it is **79.2601, 68.5981, 103.0880**.

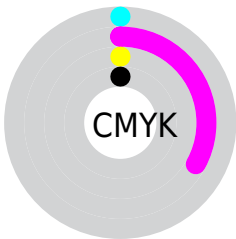
Distribution



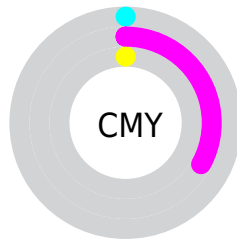
- Red (100%)
- Green (67%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8819, 57.9208, 101.0518 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 73.8819, 57.9208, 101.0518 by changing the saturation by 10% instead.

73.8819, 57.9208,
101.0518

73.8819, 57.9208,
101.0518

463.1223,
416.8908, 584.8351

54.9883, 41.7450,
76.5575

123.7248,
101.8075, 164.6663

39.6262, 28.9017,
56.3803

155.4048,
130.2872, 204.6236

27.4301, 19.0064,
40.1019

192.0777,
163.6370, 250.5722

18.0348, 11.6749,
27.3036

234.1087,
202.2412, 302.9308

11.0748, 6.5227,
17.5669

281.8634,
246.4843, 362.1178

6.1848, 3.1655,
10.4733


335.7069,


2.9995, 1.2187,


296.7507, 428.5518


5.6042


396.0048,
353.4247, 502.6514


 1.1535, 0.0769,
2.5411


 0.0692, 0.0000,
0.8618


 73.8819, 57.9208,
101.0518


 73.8819, 57.9208,
101.0518


 69.4375, 49.1102,
99.3288


 79.2601, 68.5981,
103.0880

 65.8695, 42.0527,
97.8975

 85.6173, 81.2336,
105.4502

 63.1203, 36.6328,
96.7396

 93.0005, 95.9212,
108.1548

 61.1240, 32.7184,
95.8330

95.0500, 100.0000,
108.9000

■ 59.8043, 30.1572,
95.1523

■ 59.0689, 28.7643,
94.6668

■ 58.7997, 28.2839,
94.3981

Harmonies

Analogous

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



64.6801, 57.9208, 131.0734



73.8819, 57.9208, 101.0518



78.0221, 57.9208, 66.6475

Triad

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



73.8819, 57.9208, 101.0518



56.2887, 57.9208, 20.8841



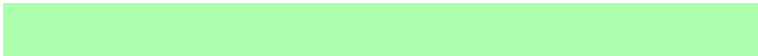
38.7490, 57.9208, 92.9406

Complementary

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



73.8819, 57.9208, 101.0518



60.3178, 83.3086, 52.4386

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.



37.1006, 57.9208, 59.6150



73.8819, 57.9208, 101.0518



46.4302, 57.9208, 23.9174

Square

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



73.8819, 57.9208, 101.0518



67.0766, 57.9208, 25.8072



39.7286, 57.9208, 36.0378



44.5579, 57.9208, 125.4305

Rectangle

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



73.8819, 57.9208, 101.0518



77.0073, 57.9208, 47.8490



39.7286, 57.9208, 36.0378



37.7250, 57.9208, 81.2087

Sweetspot

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



73.8832, 57.9231, 101.0530



87.3985, 84.7760, 106.1059



49.8181, 45.4985, 100.7641



18.4947, 17.7236, 22.6330



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.



73.8832, 57.9231, 101.0530



70.9109, 52.0293, 99.9058



68.0678, 55.5969, 70.4297



18.7827, 18.2964, 22.7389



30.7285, 14.7807, 49.3479



2.9948, 1.4403, 4.8202

Inverse Universe

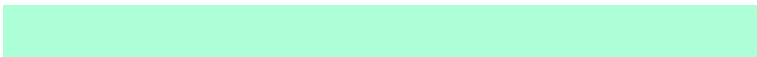
The Inverse Universe completely reimagines the original color for something new.



73.8832, 57.9231, 101.0530



70.9109, 52.0293, 99.9058



64.8487, 85.1210, 76.2981



18.7827, 18.2964, 22.7389



30.7285, 14.7807, 49.3479



2.9948, 1.4403, 4.8202

Previews

White Background



This preview shows how the XYZ color 73.8819, 57.9208, 101.0518 looks on a white background.

Color Contrast Check

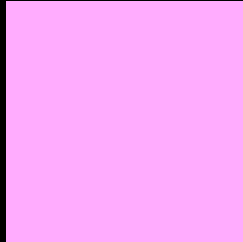
Large Text (above 18pt) WCAG AA × Fail

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 73.8819, 57.9208, 101.0518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

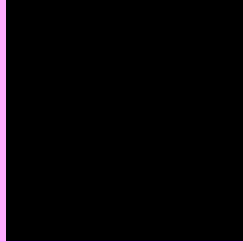
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8819, 57.9208, 101.0518

Background



This preview shows how black text looks on a background with the XYZ color 73.8819, 57.9208, 101.0518.



This preview shows how white text looks on a background with the XYZ color 73.8819, 57.9208,

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

73.8819, 57.9208, 101.0518

Protanopia

58.4810, 58.3811, 102.7941

Deuteranopia

59.5708, 58.3742, 97.7502



Tritanopia

65.3693, 57.6723, 60.5099

Trichromacy



Original Color

73.8819, 57.9208, 101.0518



Protanomaly

62.8259, 57.3168, 102.3597



Deuteranomaly

64.0111, 57.6832, 99.0270



Tritanomaly

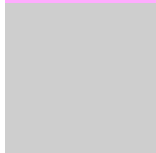
68.1993, 57.6261, 73.8581

Monochromacy



Original Color

73.8819, 57.9208, 101.0518



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

63.3515, 59.7586, 78.0076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8819, 57.9208, 101.0518 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, 172, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 254)  
}
```

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, 172, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 254) }
```

Border

The CSS property to change the border of an element to XYZ 73.8819, 57.9208, 101.0518 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, 172, 254) }
```


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

```
.border{ border-color:rgb(255, 172, 254) }
```

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

Here you see how a box with a 4 pixel rgb(255, 172, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8819, 57.9208, 101.0518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 254) }
```

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

```
.background{ background-color: rgb(255,  
172, 254) }
```

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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