

Converting Colors

XYZ(73.6923, 57.5416,
100.9886)

Have a look what the booklet for
XYZ(73.6923, 57.5416, 100.9886)
contains.

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Color

**XYZ(73.6923, 57.5416,
100.9886)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABFE
RGB	255, 171, 254
RGB Percent	100%, 67%, 100%
CMY	0.0000, 0.3294, 0.0039
CMYK	0.00, 0.33, 0.00, 0.00
HSL	301°, 100%, 84%
HSV	301°, 33%, 100%
XYZ	73.6923, 57.5416, 100.9886
YIQ	205.5780, 23.4210, 43.6210

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 171, 254
Decimal	16755710
CIE Lab	80.48, 43.46, -28.69
CIE LCh	80, 52.079, 326.566
Yxy	57.5416, 0.3173, 0.2478
Android (android.graphics.Color)	4294945790 (0xFFFFABFE)
YUV	205.5780, 23.8720, 43.3431
Hunter-Lab	75.8562, 40.6598, -25.8344

Details

The XYZ color **73.6923, 57.5416, 100.9886** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **60.0027, 83.1573, 51.9206**, and the grayscale version is **58.2399, 61.2729, 66.7262**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **39.4653, 28.6241, 56.2683** is the 20% darker color. If you saturate the color by 10%, you get **69.2839, 48.8021, 99.2805**, and if you desaturate by 10%, it is **79.0324, 68.1437, 103.0092**.

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 73.6923, 57.5416, 100.9886 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 73.6923, 57.5416, 100.9886 by changing the saturation by 10% instead.

 73.6923, 57.5416,
100.9886

 73.6923, 57.5416,
100.9886


462.4774,
415.4757, 584.6313

 54.8326, 41.4402,
76.5049


 123.4574,
101.2550, 164.5788

 39.5010, 28.6632,
56.3375


155.0935,
129.6359, 204.5224

 27.3322, 18.8262,
40.0678


191.7191,
162.8787, 250.4564

 17.9608, 11.5448,
27.2772

233.6996,
201.3678, 302.7994

 11.0213, 6.4345,
17.5472

281.4003,
245.4877, 361.9698

 6.1486, 3.1110,
10.4594

335.1866,

 2.9772, 1.1900,

295.6227, 428.3862

5.5950

395.4239,
352.1572, 502.4672

■ 1.1417, 0.0535,
2.5357

■ 0.0596, 0.0000,
0.8590

■ 73.6923, 57.5416,
100.9886

■ 73.6923, 57.5416,
100.9886

■ 69.2839, 48.8021,
99.2805

■ 79.0324, 68.1437,
103.0092

■ 65.7497, 41.8114,
97.8633

■ 85.3497, 80.7004,
105.3552

■ 63.0320, 36.4533,
96.7187

■ 92.6913, 95.3056,
108.0430

■ 61.0643, 32.5953,
95.8245

95.0500, 100.0000,
108.9000

■ 59.7700, 30.0838,
95.1552

■ 59.0558, 28.7326,
94.6796

■ 58.8055, 28.2862,
94.4286

Harmonies

Analogous

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



64.4047, 57.5416, 131.3969



73.6923, 57.5416, 100.9886



77.8717, 57.5416, 66.2444

Triad

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



73.6923, 57.5416, 100.9886



55.9316, 57.5416, 20.3588



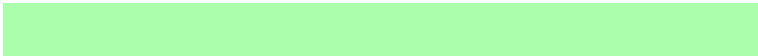
38.2958, 57.5416, 92.8260

Complementary

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



73.6923, 57.5416, 100.9886



60.0027, 83.1573, 51.9206

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.



36.6389, 57.5416, 59.1939



73.6923, 57.5416, 100.9886



46.0077, 57.5416, 23.3839

Square

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



73.6923, 57.5416, 100.9886



66.8113, 57.5416, 25.2591



39.2746, 57.5416, 35.5024



44.1340, 57.5416, 125.7059

Rectangle

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



73.6923, 57.5416, 100.9886



76.8436, 57.5416, 47.3287



39.2746, 57.5416, 35.5024



37.2671, 57.5416, 80.9724

Sweetspot

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



73.6936, 57.5438, 100.9898



87.3991, 84.7762, 106.1090



49.4099, 45.0066, 100.6907



18.4949, 17.7237, 22.6337



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.



73.6936, 57.5438, 100.9898



70.4865, 51.1846, 99.7517



67.8146, 55.1923, 70.0317



18.7828, 18.2964, 22.7395



30.7314, 14.7819, 49.3636



2.9951, 1.4404, 4.8216

Inverse Universe

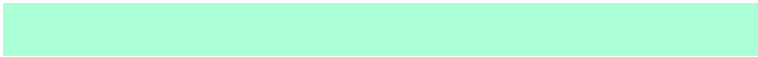
The Inverse Universe completely reimagines the original color for something new.



73.6936, 57.5438, 100.9898



70.4865, 51.1846, 99.7517



64.5665, 84.9828, 75.9530



18.7828, 18.2964, 22.7395



30.7314, 14.7819, 49.3636



2.9951, 1.4404, 4.8216

Previews

White Background



This preview shows how the XYZ color 73.6923, 57.5416, 100.9886 looks on a white background.

Color Contrast Check

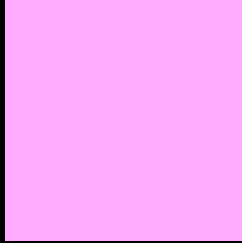
Large Text (above 18pt) WCAG AA × Fail

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 73.6923, 57.5416, 100.9886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

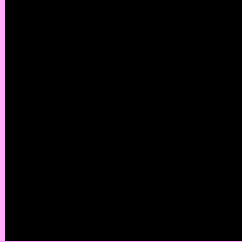
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6923, 57.5416, 100.9886

Background



This preview shows how black text looks on a background with the XYZ color 73.6923, 57.5416, 100.9886.



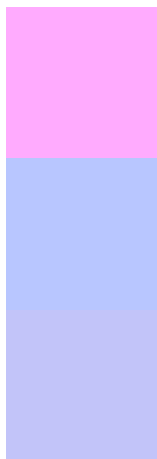
This preview shows how white text looks on a background with the XYZ color 73.6923, 57.5416,

100.9886.

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

73.6923, 57.5416, 100.9886

Protanopia

58.0112, 57.7985, 102.7064

Deuteranopia

59.0869, 57.7887, 97.6627



Tritanopia

65.0495, 57.2156, 59.8398

Trichromacy



Original Color

73.6923, 57.5416, 100.9886



Protanomaly

62.6116, 56.8881, 102.2883



Deuteranomaly

63.5018, 57.1046, 98.9422



Tritanomaly

67.8691, 57.1745, 73.1043

Monochromacy



Original Color

73.6923, 57.5416, 100.9886



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

63.1297, 59.3149, 77.9337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6923, 57.5416, 100.9886 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 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, 171, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 254) }
```

Border

The CSS property to change the border of an element to XYZ 73.6923, 57.5416, 100.9886 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, 254) }
```


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

```
.border{ border-color:rgb(255, 171, 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, 171, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6923, 57.5416, 100.9886 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, 254) }
```

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

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