

Converting Colors

XYZ(84.1252, 63.9243, 91.6440)

Have a look what the booklet for XYZ(84.1252, 63.9243, 91.6440) contains.

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Color

**XYZ(72.4031, 57.9429,
91.3724)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAEF2
RGB	255, 174, 242
RGB Percent	100%, 68%, 95%
CMY	0.0000, 0.3176, 0.0510
CMYK	0.00, 0.32, 0.05, 0.00
HSL	310°, 100%, 84%
HSV	310°, 32%, 100%
XYZ	72.4031, 57.9429, 91.3724
YIQ	205.9710, 26.4480, 38.3200

Conversions

Conversions Part 2

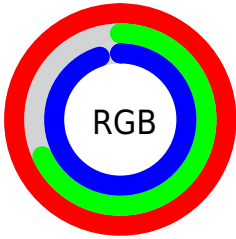
Format	Color
R _Y B	255, 174, 242
Decimal	16756466
CIE _{Lab}	80.71, 39.80, -21.91
CIE _{LCh}	81, 45.434, 331.168
Yxy	57.9429, 0.3266, 0.2613
Android (android.graphics.Color)	4294946546 (0xFFFFAEF2)
YUV	205.9710, 17.7623, 42.9984
Hunter-Lab	76.1202, 36.5730, -17.8857

Details

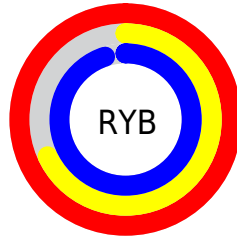
The XYZ color **72.4031, 57.9429, 91.3724** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.1870, 84.1074, 59.9731**, and the grayscale version is **58.5270, 61.5750, 67.0552**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **38.6054, 28.8484, 49.9880** is the 20% darker color. If you saturate the color by 10%, you get **67.3286, 48.7665, 86.6827**, and if you desaturate by 10%, it is **78.4289, 68.9996, 96.4487**.

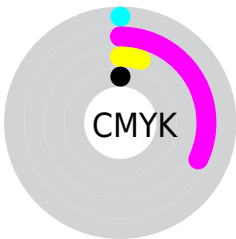
Distribution



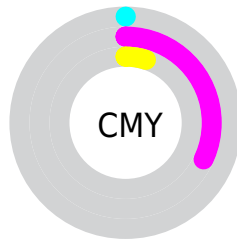
- Red (100%)
- Green (68%)
- Blue (95%)



- Red (100%)
- Yellow (68%)
- Blue (95%)



- Cyan (0%)
- Magenta (32%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (32%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4031, 57.9429, 91.3724 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 72.4031, 57.9429, 91.3724 by changing the saturation by 10% instead.


 72.4031, 57.9429,
91.3724

 72.4031, 57.9429,
91.3724


458.0793,
416.9731, 553.1701

 53.7747, 41.7627,
68.5394


 121.6372,
101.8397, 151.1954

 38.6515, 28.9156,
49.8672

152.9735,
130.3251, 189.0224

 26.6682, 19.0170,
34.9375


189.2765,
163.6811, 232.6845

 17.4595, 11.6825,
23.3315

230.9116,
202.2921, 282.6002

 10.6600, 6.5279,
14.6309

278.2440,
246.5423, 339.1881

 5.9043, 3.1686,
8.4170

331.6392,

 2.8271, 1.2204,

296.8163, 402.8667

4.2714

391.4626,
353.4985, 474.0545

■ 1.0630, 0.0783,
1.7754

■ 0.0000, 0.0000,
0.4116

■ 72.4031, 57.9429,
91.3724

■ 72.4031, 57.9429,
91.3724

■ 67.3286, 48.7665,
86.6827

■ 78.4289, 68.9996,
96.4487

■ 63.1485, 41.3573,
82.3577

■ 85.4513, 82.0274,
101.9247

■ 59.8057, 35.6008,
78.3788

■ 93.5171, 97.1196,
107.8172

■ 57.2346, 31.3662,
74.7238

95.0500, 100.0000,
108.9000

■ 55.3598, 28.5029,
71.3669

■ 54.0907, 26.8295,
68.2776

■ 53.3871, 26.1188,
65.8957

Harmonies

Analogous

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



64.9288, 57.9429, 118.3080



72.4031, 57.9429, 91.3724



75.1106, 57.9429, 62.0444

Triad

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



72.4031, 57.9429, 91.3724



54.7067, 57.9429, 24.2986



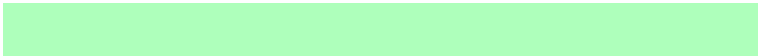
41.0567, 57.9429, 93.7234

Complementary

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



72.4031, 57.9429, 91.3724



62.1870, 84.1074, 59.9731

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.



38.9593, 57.9429, 64.1472



72.4031, 57.9429, 91.3724



46.2687, 57.9429, 28.4500

Square

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



72.4031, 57.9429, 91.3724



64.2217, 57.9429, 27.8362



40.7556, 57.9429, 41.3439



46.8372, 57.9429, 119.9141

Rectangle

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



72.4031, 57.9429, 91.3724



73.6307, 57.9429, 46.2387



40.7556, 57.9429, 41.3439



39.9290, 57.9429, 83.6063

Sweetspot

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



72.4043, 57.9452, 91.3736



86.7959, 84.5349, 102.9325



53.4745, 47.9528, 101.0452



18.3478, 17.6648, 21.8596



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.



72.4043, 57.9452, 91.3736



69.1302, 52.0064, 88.4036



67.0798, 55.8154, 63.3349



18.6601, 18.2473, 22.0929



27.9427, 13.6664, 34.6783



2.7527, 1.3435, 3.5453

Inverse Universe

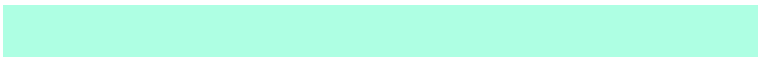
The Inverse Universe completely reimagines the original color for something new.



72.4043, 57.9452, 91.3736



69.1302, 52.0064, 88.4036



67.0340, 86.0462, 85.4970



18.6601, 18.2473, 22.0929



27.9427, 13.6664, 34.6783



2.7527, 1.3435, 3.5453

Previews

White Background



This preview shows how the XYZ color 72.4031, 57.9429, 91.3724 looks on a white background.

Color Contrast Check

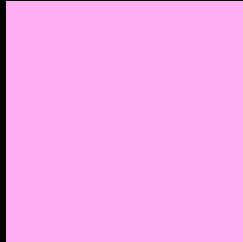
Large Text (above 18pt) WCAG AA × Fail

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 72.4031, 57.9429, 91.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

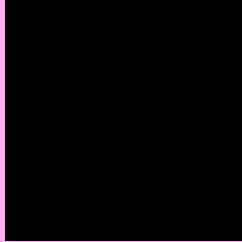
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4031, 57.9429, 91.3724

Background



This preview shows how black text looks on a background with the XYZ color 72.4031, 57.9429, 91.3724.



This preview shows how white text looks on a background with the XYZ color 72.4031, 57.9429,

91.3724.

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

72.4031, 57.9429, 91.3724

Protanopia

58.7231, 58.5060, 102.8055

Deuteranopia

59.5297, 58.2095, 88.9869



Tritanopia

66.0785, 58.0379, 60.5431

Trichromacy



Original Color

72.4031, 57.9429, 91.3724



Protanomaly

62.5327, 57.5779, 98.2603



Deuteranomaly

63.3820, 57.5706, 89.4330



Tritanomaly

68.1152, 57.9558, 70.5473

Monochromacy



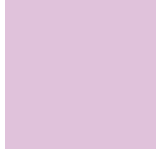
Original Color

72.4031, 57.9429, 91.3724



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

62.8184, 59.5453, 75.2003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4031, 57.9429, 91.3724 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, 174, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 242)  
}
```

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, 174, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 242) }
```

Border

The CSS property to change the border of an element to XYZ 72.4031, 57.9429, 91.3724 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, 174, 242) }
```


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

```
.border{ border-color:rgb(255, 174, 242) }
```

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

Here you see how a box with a 4 pixel rgb(255, 174, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4031, 57.9429, 91.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 242) }
```

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

```
.background{ background-color: rgb(255,  
174, 242) }
```

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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