

Converting Colors

XYZ(70.2573, 57.4743,
101.9984)

Have a look what the booklet for
XYZ(70.2573, 57.4743, 101.9984)
contains.

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Color

**XYZ(70.3901, 57.5415,
102.0044)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B1FF
RGB	242, 177, 255
RGB Percent	95%, 69%, 100%
CMY	0.0510, 0.3059, 0.0000
CMYK	0.05, 0.31, 0.00, 0.00
HSL	290°, 100%, 85%
HSV	290°, 31%, 100%
XYZ	70.3901, 57.5415, 102.0044
YIQ	205.3270, 13.7020, 38.0380

Conversions

Conversions Part 2

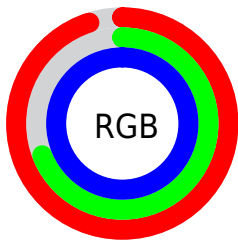
Format	Color
R _Y B	242, 177, 255
Decimal	15905279
CIE Lab	80.48, 36.49, -29.35
CIE LCh	80, 46.830, 321.197
Yxy	57.5415, 0.3061, 0.2503
Android (android.graphics.Color)	4294095359 (0xFFFF2B1FF)
YUV	205.3270, 24.4888, 32.1622
Hunter-Lab	75.8561, 32.8895, -26.6285

Details

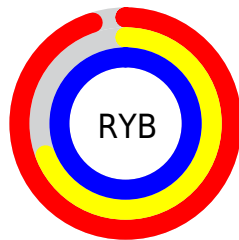
The XYZ color **70.3901, 57.5415, 102.0044** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.9323, 85.6421, 54.7059**, and the grayscale version is **58.0808, 61.1055, 66.5439**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **37.2836, 28.5574, 56.9732** is the 20% darker color. If you saturate the color by 10%, you get **64.3749, 47.6505, 100.4123**, and if you desaturate by 10%, it is **77.3836, 69.3369, 103.9125**.

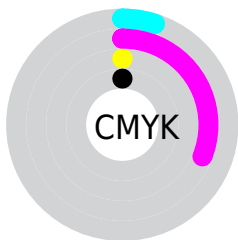
Distribution



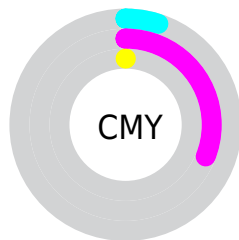
- Red (95%)
- Green (69%)
- Blue (100%)



- Red (95%)
- Yellow (69%)
- Blue (100%)



- Cyan (5%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3901, 57.5415, 102.0044 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 70.3901, 57.5415, 102.0044 by changing the saturation by 10% instead.

70.3901, 57.5415,
102.0044

70.3901, 57.5415,
102.0044

451.1636,
415.4753, 587.9015

52.1254, 41.4402,
77.3494

118.7881,
101.2549, 165.9848

37.3297, 28.6632,
57.0264

149.6522,
129.6357, 206.1473

25.6377, 18.8262,
40.6169

185.4466,
162.8785, 252.3159

16.6841, 11.5447,
27.7024

226.5370,
201.3676, 304.9094

10.1034, 6.4345,
17.8644

273.2885,
245.4874, 364.3461

5.5304, 3.1110,
10.6842

326.0665,

2.5996, 1.1900,

295.6224, 431.0447

5.7434

385.2364,
352.1569, 505.4236

■ 0.9457, 0.0535,
2.6235

■ 0.0000, 0.0000,
0.9045

■ 70.3901, 57.5415,
102.0044

■ 70.3901, 57.5415,
102.0044

■ 64.3749, 47.6505,
100.4123

■ 77.3836, 69.3369,
103.9125

■ 59.2802, 39.5514,
99.1175

■ 85.3990, 83.1264,
106.1517

■ 55.0497, 33.1312,
98.1013

94.4834, 99.0027,
108.7374

■ 51.6188, 28.2610,
97.3420

95.0500, 100.0000,
108.9000

■ 48.9135, 24.7927,
96.8152

■ 46.8449, 22.5493,
96.4912

■ 45.3468, 21.2920,
96.3275

Harmonies

Analogous

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



61.6474, 57.5415, 126.0676



70.3901, 57.5415, 102.0044



75.0567, 57.5415, 71.1049

Triad

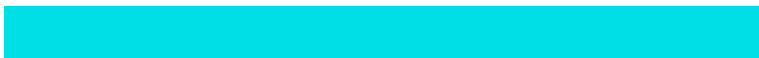
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.3901, 57.5415, 102.0044



57.5681, 57.5415, 23.5610



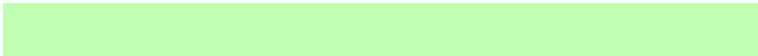
39.2109, 57.5415, 83.7981

Complementary

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



70.3901, 57.5415, 102.0044



64.9323, 85.6421, 54.7059

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.



38.3898, 57.5415, 54.8987



70.3901, 57.5415, 102.0044



48.2795, 57.5415, 25.1352

Square

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



70.3901, 57.5415, 102.0044



67.1055, 57.5415, 29.8025



41.5198, 57.5415, 35.0003



43.9114, 57.5415, 113.5962

Rectangle

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



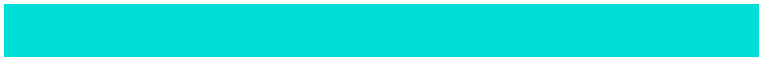
70.3901, 57.5415, 102.0044



74.8913, 57.5415, 52.9298



41.5198, 57.5415, 35.0003



38.4957, 57.5415, 73.4993

Sweetspot

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



70.3918, 57.5439, 102.0048



86.7675, 85.5032, 106.5384



54.5970, 53.3965, 102.0367



18.3029, 17.8341, 22.7276



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.



70.3918, 57.5439, 102.0048



66.4238, 50.9864, 100.9482



71.1063, 58.3636, 81.6476



18.4780, 18.1382, 22.7771



23.8046, 11.1822, 50.3383



2.3931, 1.1276, 4.9048

Inverse Universe

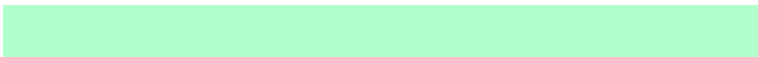
The Inverse Universe completely reimagines the original color for something new.



66.2578, 56.4242, 56.1158



61.7973, 49.7770, 47.6192



64.6725, 85.1797, 69.5348



18.1328, 18.0365, 19.3167



21.8078, 11.2124, 2.3722



2.1564, 1.1049, 0.4049

Previews

White Background



This preview shows how the XYZ color 70.3901, 57.5415, 102.0044 looks on a white background.

Color Contrast Check

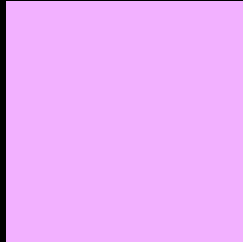
Large Text (above 18pt) WCAG AA × Fail

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 70.3901, 57.5415, 102.0044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

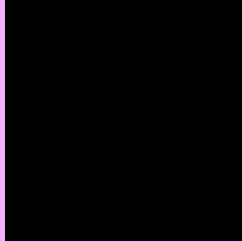
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3901, 57.5415, 102.0044

Background



This preview shows how black text looks on a background with the XYZ color 70.3901, 57.5415, 102.0044.



This preview shows how white text looks on a background with the XYZ color 70.3901, 57.5415,

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

70.3901, 57.5415, 102.0044

Protanopia

58.2517, 57.9225, 102.7177

Deuteranopia

59.1448, 57.7823, 99.3026



Tritanopia

62.3627, 57.2973, 63.6497

Trichromacy



Original Color

70.3901, 57.5415, 102.0044



Protanomaly

61.9171, 57.1687, 102.3790



Deuteranomaly

62.6323, 57.2724, 99.8491



Tritanomaly

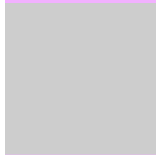
64.9097, 57.0920, 76.0054

Monochromacy



Original Color

70.3901, 57.5415, 102.0044



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

61.7478, 59.2634, 77.9965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3901, 57.5415, 102.0044 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(242, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 177, 255)  
}
```

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(242, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 177, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.3901, 57.5415, 102.0044 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(242, 177, 255) }
```


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

```
.border{ border-color:rgb(242, 177, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 177, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 177, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 177, 255); box-shadow:4px 4px 4px 4px rgb(242, 177, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3901, 57.5415, 102.0044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 177, 255) }
```

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

```
.background{ background-color: rgb(242,  
177, 255) }
```

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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