

Converting Colors

XYZ(85.3525, 71.5905, 93.4607)

Have a look what the booklet for
XYZ(85.3525, 71.5905, 93.4607)
contains.

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Color

**XYZ(77.0069, 67.1507,
92.9071)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4F2
RGB	255, 196, 242
RGB Percent	100%, 77%, 95%
CMY	0.0000, 0.2313, 0.0510
CMYK	0.00, 0.23, 0.05, 0.00
HSL	313°, 100%, 88%
HSV	313°, 23%, 100%
XYZ	77.0069, 67.1507, 92.9071
YIQ	218.8850, 20.3980, 26.8140

Conversions

Conversions Part 2

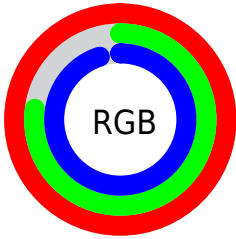
Format	Color
RYB	255, 196, 242
Decimal	16762098
CIELab	85.58, 28.28, -14.56
CIELCh	86, 31.806, 332.759
Yxy	67.1507, 0.3248, 0.2833
Android (android.graphics.Color)	4294952178 (0xFFFFC4F2)
YUV	218.8850, 11.3957, 31.6729
Hunter-Lab	81.9455, 24.3376, -9.8591

Details

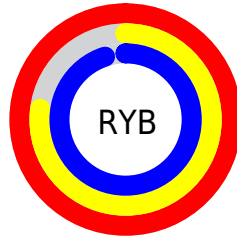
The XYZ color **77.0069, 67.1507, 92.9071** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.0357, 87.8603, 73.5922**, and the grayscale version is **67.1674, 70.6653, 76.9545**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **41.8246, 34.8969, 50.9858** is the 20% darker color. If you saturate the color by 10%, you get **70.9058, 56.2779, 86.7742**, and if you desaturate by 10%, it is **84.1146, 79.9943, 99.5052**.

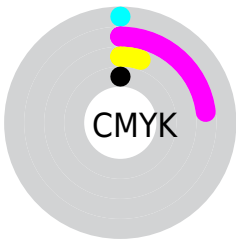
Distribution



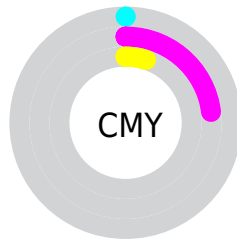
- Red (100%)
- Green (77%)
- Blue (95%)



- Red (100%)
- Yellow (77%)
- Blue (95%)



- Cyan (0%)
- Magenta (23%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.0069, 67.1507, 92.9071 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 77.0069, 67.1507, 92.9071 by changing the saturation by 10% instead.


 77.0069, 67.1507,
92.9071

 77.0069, 67.1507,
92.9071


473.6791,
450.4810, 558.2551

 57.5585, 49.2071,
69.8071


128.1220,
115.1363, 153.3406

 41.6957, 34.7838,
50.8934

160.5194,
145.9471, 191.5111

 29.0531, 23.4964,
35.7477


197.9639,
181.8158, 235.5422

 19.2655, 14.9605,
23.9512

240.8207,
223.1268, 285.8524

 11.9674, 8.7916,
15.0856

289.4553,
270.2644, 342.8602

 6.7935, 4.6055,
8.7322

344.2330,

 3.3785, 2.0177,

323.6130, 406.9843

4.4725

405.5192,
383.5571, 478.6431

■ 1.3569, 0.6177,
1.8880

■ 0.2252, 0.0000,
0.4851

■ 77.0069, 67.1507,
92.9071

■ 77.0069, 67.1507,
92.9071

■ 70.9058, 56.2779,
86.7742

■ 84.1146, 79.9943,
99.5052

■ 65.7568, 47.2688,
81.0846

■ 92.2703, 94.8923,
106.5808

■ 61.5076, 40.0186,
75.8206

95.0500, 100.0000,
108.9000

■ 58.0989, 34.4087,
70.9612

■ 55.4637, 30.3061,
66.4830

■ 53.5249, 27.5565,
62.3591

■ 52.1886, 25.9729,
58.5569

■ 51.5271, 25.3748,
56.1012

Harmonies

Analogous

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



71.6506, 67.1507, 111.9911



77.0069, 67.1507, 92.9071



78.7500, 67.1507, 71.2152

Triad

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



77.0069, 67.1507, 92.9071



63.1576, 67.1507, 40.1085



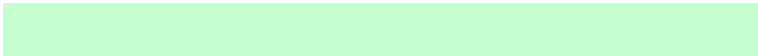
52.8279, 67.1507, 96.8576

Complementary

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



77.0069, 67.1507, 92.9071



70.0357, 87.8603, 73.5922

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.



50.9155, 67.1507, 75.0498



77.0069, 67.1507, 92.9071



56.5905, 67.1507, 44.4723

Square

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



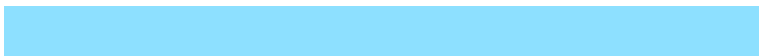
77.0069, 67.1507, 92.9071



70.4054, 67.1507, 43.1101



52.2399, 67.1507, 56.3557



57.6674, 67.1507, 114.5580

Rectangle

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



77.0069, 67.1507, 92.9071



77.5291, 67.1507, 58.7630



52.2399, 67.1507, 56.3557



51.8386, 67.1507, 89.6336

Sweetspot

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



77.0085, 67.1535, 92.9085



88.9908, 88.8845, 103.7882



64.0259, 60.2270, 102.8582



18.9412, 18.8303, 22.1230



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.



77.0085, 67.1535, 92.9085



73.9171, 61.6229, 89.8674



72.9561, 65.5325, 71.5691



18.6113, 18.2278, 21.8360



26.9824, 13.2822, 29.6214



2.6675, 1.3094, 3.0963

Inverse Universe

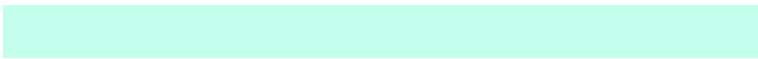
The Inverse Universe completely reimagines the original color for something new.



77.0085, 67.1535, 92.9085



73.9171, 61.6229, 89.8674



74.0011, 89.4464, 94.4733



18.6113, 18.2278, 21.8360



26.9824, 13.2822, 29.6214



2.6675, 1.3094, 3.0963

Previews

White Background



This preview shows how the XYZ color 77.0069, 67.1507, 92.9071 looks on a white background.

Color Contrast Check

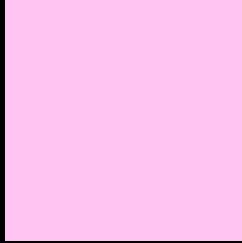
Large Text (above 18pt) WCAG AA × Fail

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 77.0069, 67.1507, 92.9071 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 77.0069, 67.1507, 92.9071

Background



This preview shows how black text looks on a background with the XYZ color 77.0069, 67.1507, 92.9071.



This preview shows how white text looks on a background with the XYZ color 77.0069, 67.1507,

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

77.0069, 67.1507, 92.9071

Protanopia

66.7267, 67.3006, 102.4020

Deuteranopia

68.9601, 67.5802, 91.8478



Tritanopia

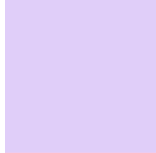
73.4262, 67.4266, 74.1104

Trichromacy



Original Color

77.0069, 67.1507, 92.9071



Protanomaly

69.9107, 66.8295, 98.8372



Deuteranomaly

71.7310, 67.1988, 92.4091



Tritanomaly

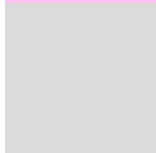
74.5220, 67.1657, 80.2707

Monochromacy



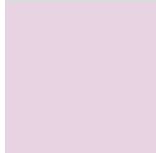
Original Color

77.0069, 67.1507, 92.9071



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

70.4381, 69.2904, 82.3349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0069, 67.1507, 92.9071 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, 196, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 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, 196, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 242) }
```

Border

The CSS property to change the border of an element to XYZ 77.0069, 67.1507, 92.9071 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, 196, 242) }
```


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

```
.border{ border-color:rgb(255, 196, 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, 196, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0069, 67.1507, 92.9071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 242) }
```

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

```
.background{ background-color: rgb(255,  
196, 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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