

Converting Colors

XYZ(77.0999, 71.2866, 94.1762)

Have a look what the booklet for
XYZ(77.0999, 71.2866, 94.1762)
contains.

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Color

**XYZ(77.0913, 71.3570,
94.5041)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D0F3
RGB	247, 208, 243
RGB Percent	97%, 82%, 95%
CMY	0.0314, 0.1843, 0.0471
CMYK	0.00, 0.16, 0.02, 0.03
HSL	306°, 71%, 89%
HSV	306°, 16%, 97%
XYZ	77.0913, 71.3570, 94.5041
YIQ	223.6510, 12.0090, 19.1530

Conversions

Conversions Part 2

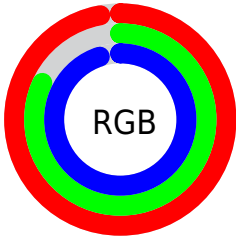
Format	Color
R _Y B	247, 208, 243
Decimal	16240883
CIE Lab	87.66, 19.49, -12.06
CIE LCh	88, 22.918, 328.260
Yxy	71.3570, 0.3173, 0.2937
Android (android.graphics.Color)	4294430963 (0xFFFF7D0F3)
YUV	223.6510, 9.5391, 20.4771
Hunter-Lab	84.4731, 15.0737, -7.1994

Details

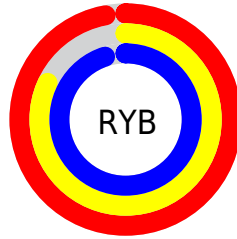
The XYZ color **77.0913, 71.3570, 94.5041** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.1597, 84.6869, 74.8870**, and the grayscale version is **70.5324, 74.2056, 80.8099**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5961, 37.3175, 52.0243** is the 20% darker color. If you saturate the color by 10%, you get **71.1526, 60.0867, 90.6504**, and if you desaturate by 10%, it is **83.9773, 84.5112, 98.7013**.

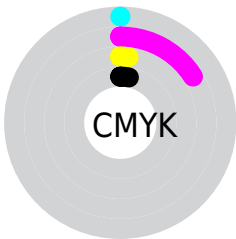
Distribution



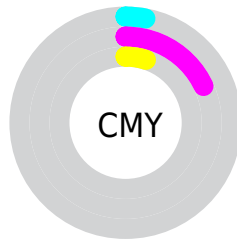
- Red (97%)
- Green (82%)
- Blue (95%)



- Red (97%)
- Yellow (82%)
- Blue (95%)



- Cyan (0%)
- Magenta (16%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.0913, 71.3570, 94.5041 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 77.0913, 71.3570, 94.5041 by changing the saturation by 10% instead.


 77.0913, 71.3570,
94.5041

 77.0913, 71.3570,
94.5041


473.9624,
465.3004, 563.5199

 57.6280, 52.6336,
71.1277


128.2405,
121.1419, 155.5690

 41.7518, 37.5103,
51.9639


160.6571,
152.9722, 194.0946

 29.0972, 25.6029,
36.5943


198.1222,
189.9402, 238.5070

 19.2990, 16.5268,
24.6002

241.0012,
232.4304, 289.2247

 11.9918, 9.8977,
15.5631

289.6593,
280.8271, 346.6663

 6.8103, 5.3312,
9.0646

344.4620,

 3.3890, 2.4429,

335.5148, 411.2504

4.6859

405.7746,
396.8778, 483.3954

■ 1.3627, 0.8478,
2.0087

■ 0.2294, 0.0000,
0.5606

■ 77.0913, 71.3570,
94.5041

■ 77.0913, 71.3570,
94.5041

■ 71.1526, 60.0867,
90.6504

■ 83.9773, 84.5112,
98.7013

■ 66.1116, 50.6044,
87.1211

■ 91.0722, 98.0760,
102.9934

■ 61.9236, 42.8198,
83.9019

■ 91.4683, 98.2344,
105.0789

■ 58.5377, 36.6311,
80.9759

■ 91.8696, 98.3950,
107.1925

■ 55.8976, 31.9256,
78.3241

■ 92.1683, 98.5144,
108.7651

■ 53.9396, 28.5760,
75.9252

■ 52.5892, 26.4334,
73.7542

■ 51.7543, 25.3136,
71.7804

■ 51.4981, 25.0303,
70.9884

Harmonies

Analogous

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



72.8852, 71.3570, 107.1083



77.0913, 71.3570, 94.5041



78.7985, 71.3570, 78.6067

Triad

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



77.0913, 71.3570, 94.5041



68.1400, 71.3570, 51.4854



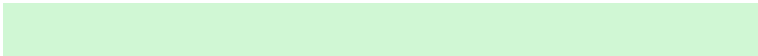
59.0391, 71.3570, 92.7244

Complementary

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



77.0913, 71.3570, 94.5041



71.1597, 84.6869, 74.8870

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.



57.9166, 71.3570, 76.7917



77.0913, 71.3570, 94.5041



63.0002, 71.3570, 54.2302

Square

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



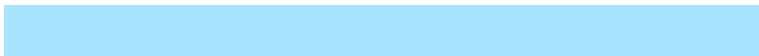
77.0913, 71.3570, 94.5041



73.4625, 71.3570, 54.9474



59.3284, 71.3570, 63.0086



62.4792, 71.3570, 105.9882

Rectangle

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



77.0913, 71.3570, 94.5041



78.2244, 71.3570, 68.7015



59.3284, 71.3570, 63.0086



58.3865, 71.3570, 87.4424

Sweetspot

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



77.0934, 71.3601, 94.5056



90.9067, 92.0492, 106.4836



66.4701, 65.8130, 97.1967



19.3377, 19.4723, 22.7208



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.



77.0934, 71.3601, 94.5056



80.7040, 72.5719, 100.2213



74.3165, 70.2493, 79.8823



17.1361, 16.7373, 20.4631



27.2663, 13.2499, 37.7061



2.4172, 1.1728, 3.4231

Inverse Universe

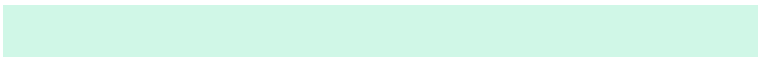
The Inverse Universe completely reimagines the original color for something new.



77.0934, 71.3601, 94.5056



80.7040, 72.5719, 100.2213



73.7561, 85.7255, 88.5595



17.1361, 16.7373, 20.4631



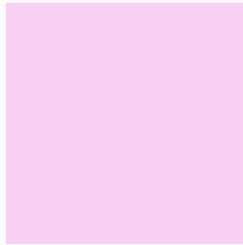
27.2663, 13.2499, 37.7061



2.4172, 1.1728, 3.4231

Previews

White Background



This preview shows how the XYZ color 77.0913, 71.3570, 94.5041 looks on a white background.

Color Contrast Check

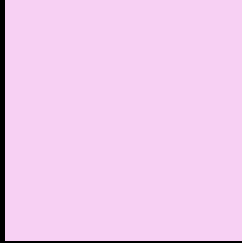
Large Text (above 18pt) WCAG AA × Fail

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 77.0913, 71.3570, 94.5041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

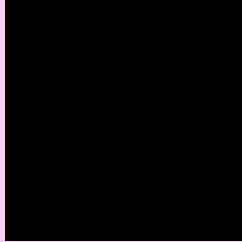
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.0913, 71.3570, 94.5041

Background



This preview shows how black text looks on a background with the XYZ color 77.0913, 71.3570, 94.5041.



This preview shows how white text looks on a background with the XYZ color 77.0913, 71.3570,

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

77.0913, 71.3570, 94.5041

Protanopia

70.3511, 71.4920, 100.5339

Deuteranopia

73.0286, 71.4929, 93.9549



Tritanopia

74.8156, 71.5471, 82.5398

Trichromacy



Original Color

77.0913, 71.3570, 94.5041

Protanomaly

72.5136, 71.1394, 97.9051

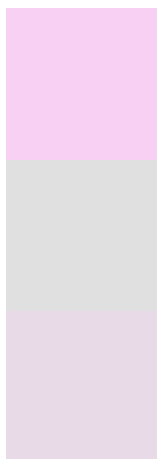
Deuteranomaly

74.4955, 71.5023, 93.8794

Tritanomaly

75.7606, 71.5692, 86.9120

Monochromacy



Original Color

77.0913, 71.3570, 94.5041

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.7739, 73.0681, 85.8693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0913, 71.3570, 94.5041 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(247, 208, 243)` looks like.

```
.text, #text, p{  
    color:rgb(247, 208, 243)  
}
```

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(247, 208, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 208, 243) }
```

Border

The CSS property to change the border of an element to XYZ 77.0913, 71.3570, 94.5041 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(247, 208, 243) }
```


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

```
.border{ border-color:rgb(247, 208, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 208, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 208, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 208, 243);  
box-shadow:4px 4px 4px 4px rgb(247, 208,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0913, 71.3570, 94.5041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 208, 243) }
```

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

```
.background{ background-color: rgb(247,  
208, 243) }
```

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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