

Converting Colors

XYZ(78.7445, 70.8143, 92.9559)

Have a look what the booklet for
XYZ(78.7445, 70.8143, 92.9559)
contains.

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Color

**XYZ(78.7100, 70.7966,
92.7357)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCF1
RGB	255, 204, 241
RGB Percent	100%, 80%, 95%
CMY	0.0000, 0.2000, 0.0549
CMYK	0.00, 0.20, 0.05, 0.00
HSL	316°, 100%, 90%
HSV	316°, 20%, 100%
XYZ	78.7100, 70.7966, 92.7357
YIQ	223.4670, 18.5190, 22.3190

Conversions

Conversions Part 2

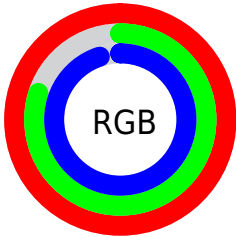
Format	Color
R _Y B	255, 204, 241
Decimal	16764145
CIE Lab	87.39, 23.90, -11.33
CIE LCh	87, 26.453, 334.644
Yxy	70.7966, 0.3249, 0.2923
Android (android.graphics.Color)	4294954225 (0xFFFFCCF1)
YUV	223.4670, 8.6438, 27.6544
Hunter-Lab	84.1407, 19.7328, -6.4480

Details

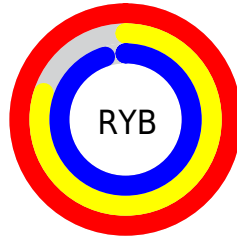
The XYZ color **78.7100, 70.7966, 92.7357** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.3190, 89.4204, 79.7284**, and the grayscale version is **70.4040, 74.0705, 80.6628**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9520, 37.3212, 50.8388** is the 20% darker color. If you saturate the color by 10%, you get **72.1127, 59.2431, 85.4770**, and if you desaturate by 10%, it is **86.3430, 84.3564, 100.5398**.

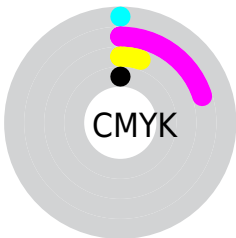
Distribution



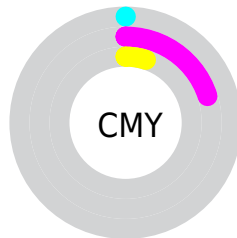
- Red (100%)
- Green (80%)
- Blue (95%)



- Red (100%)
- Yellow (80%)
- Blue (95%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7100, 70.7966, 92.7357 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 78.7100, 70.7966, 92.7357 by changing the saturation by 10% instead.


 78.7100, 70.7966,
92.7357

 78.7100, 70.7966,
92.7357


479.3777,
463.3421, 557.6885

 58.9622, 52.1762,
69.6654

130.5106,
120.3441, 153.1012

 42.8290, 37.1456,
50.7787

163.2941,
152.0399, 191.2334

 29.9449, 25.3202,
35.6570


201.1536,
188.8631, 235.2235

 19.9446, 16.3158,
23.8818

244.4544,
231.1980, 285.4897

 12.4628, 9.7479,
15.0346

293.5618,
279.4289, 342.4508

 7.1341, 5.2321,
8.6968

348.8413,

 3.5932, 2.3841,

333.9403, 406.5253

4.4498

410.6582,
395.1166, 478.1317

■ 1.4747, 0.8177,
1.8752

■ 0.3085, 0.0000,
0.4769

■ 78.7100, 70.7966,
92.7357

■ 78.7100, 70.7966,
92.7357

■ 72.1127, 59.2431,
85.4770

■ 86.3430, 84.3564,
100.5398

■ 66.4975, 49.5905,
78.7408

95.0500, 100.0000,
108.9000

■ 61.8132, 41.7371,
72.5088

■ 58.0023, 35.5680,
66.7594

■ 55.0001, 30.9551,
61.4688

■ 52.7329, 27.7517,
56.6102

■ 51.1130, 25.7829,
52.1518

■ 49.9970, 24.7629,
48.0434

■ 49.9968, 24.7627,
48.0425

Harmonies

Analogous

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



74.3346, 70.7966, 108.9066



78.7100, 70.7966, 92.7357



79.9544, 70.7966, 74.3400

Triad

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



78.7100, 70.7966, 92.7357



66.3244, 70.7966, 47.6896



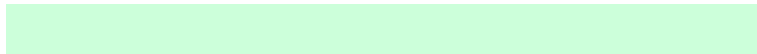
57.9052, 70.7966, 98.2871

Complementary

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



78.7100, 70.7966, 92.7357



73.3190, 89.4204, 79.7284

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.



56.0390, 70.7966, 79.8977



78.7100, 70.7966, 92.7357



60.7052, 70.7966, 52.1584

Square

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



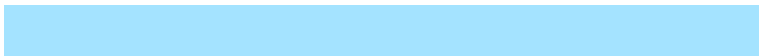
78.7100, 70.7966, 92.7357



72.5532, 70.7966, 50.0459



57.0318, 70.7966, 63.3032



62.2878, 70.7966, 112.4429

Rectangle

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



78.7100, 70.7966, 92.7357



78.7798, 70.7966, 63.6424



57.0318, 70.7966, 63.3032



56.9755, 70.7966, 92.2996

Sweetspot

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



78.7116, 70.7995, 92.7372



89.6929, 90.3561, 103.8146



68.4395, 65.2530, 103.5957



19.0783, 19.1252, 22.1048



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.



78.7116, 70.7995, 92.7372



75.9493, 65.9394, 89.7673



75.2166, 69.4015, 74.3325



18.5674, 18.2103, 21.6051



26.1906, 12.9655, 25.4521



2.5962, 1.2809, 2.7210

Inverse Universe

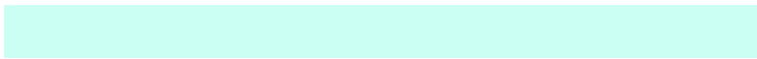
The Inverse Universe completely reimagines the original color for something new.



78.7116, 70.7995, 92.7372



75.9493, 65.9394, 89.7673



76.8564, 90.8354, 98.3565



18.5674, 18.2103, 21.6051



26.1906, 12.9655, 25.4521



2.5962, 1.2809, 2.7210

Previews

White Background



This preview shows how the XYZ color 78.7100, 70.7966, 92.7357 looks on a white background.

Color Contrast Check

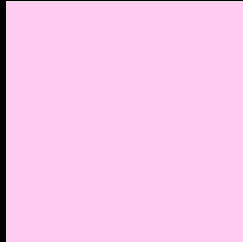
Large Text (above 18pt) WCAG AA × Fail

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 78.7100, 70.7966, 92.7357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

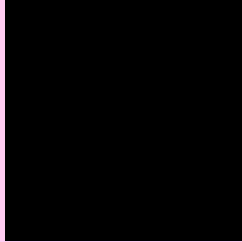
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7100, 70.7966, 92.7357

Background



This preview shows how black text looks on a background with the XYZ color 78.7100, 70.7966, 92.7357.



This preview shows how white text looks on a background with the XYZ color 78.7100, 70.7966,

92.7357.

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

78.7100, 70.7966, 92.7357

Protanopia

70.0583, 71.3411, 100.5202

Deuteranopia

72.3292, 70.8094, 91.5168



Tritanopia

76.1401, 70.8360, 79.4717

Trichromacy



Original Color

78.7100, 70.7966, 92.7357

Protanomaly

72.8958, 70.9619, 97.8507

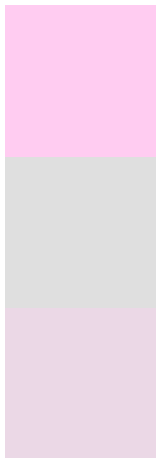
Deuteranomaly

74.7099, 70.9097, 92.1874

Tritanomaly

77.2273, 70.9266, 84.4828

Monochromacy



Original Color

78.7100, 70.7966, 92.7357

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

73.0997, 72.4871, 85.0015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7100, 70.7966, 92.7357 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, 204, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 241)  
}
```

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, 204, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 241) }
```

Border

The CSS property to change the border of an element to XYZ 78.7100, 70.7966, 92.7357 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, 204, 241) }
```


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

```
.border{ border-color:rgb(255, 204, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7100, 70.7966, 92.7357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 241) }
```

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

```
.background{ background-color: rgb(255,  
204, 241) }
```

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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