

Converting Colors

XYZ(90.6304, 76.3034, 92.8706)

Have a look what the booklet for
XYZ(90.6304, 76.3034, 92.8706)
contains.

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Color

**XYZ(78.2377, 69.8519,
92.5783)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAF1
RGB	255, 202, 241
RGB Percent	100%, 79%, 95%
CMY	0.0000, 0.2078, 0.0549
CMYK	0.00, 0.21, 0.05, 0.00
HSL	316°, 100%, 90%
HSV	316°, 21%, 100%
XYZ	78.2377, 69.8519, 92.5783
YIQ	222.2930, 19.0690, 23.3650

Conversions

Conversions Part 2

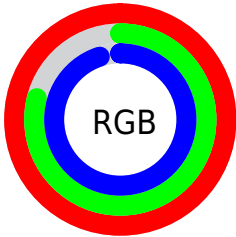
Format	Color
R _Y B	255, 202, 241
Decimal	16763633
CIE Lab	86.92, 24.95, -12.02
CIE LCh	87, 27.697, 334.286
Yxy	69.8519, 0.3251, 0.2902
Android (android.graphics.Color)	4294953713 (0xFFFFCAF1)
YUV	222.2930, 9.2226, 28.6840
Hunter-Lab	83.5774, 20.8351, -7.1710

Details

The XYZ color **78.2377, 69.8519, 92.5783** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.5139, 89.0355, 78.3325**, and the grayscale version is **69.5670, 73.1899, 79.7038**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6356, 36.6884, 50.7334** is the 20% darker color. If you saturate the color by 10%, you get **71.7541, 58.4652, 85.5450**, and if you desaturate by 10%, it is **85.7502, 83.2363, 100.1401**.

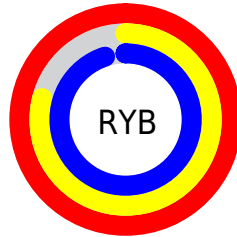
Distribution



Red (100%)

Green (79%)

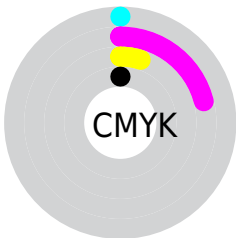
Blue (95%)



Red (100%)

Yellow (79%)

Blue (95%)

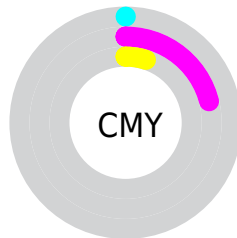


Cyan (0%)

Magenta (21%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (21%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.2377, 69.8519, 92.5783 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 78.2377, 69.8519, 92.5783 by changing the saturation by 10% instead.


 78.2377, 69.8519,
92.5783

 78.2377, 69.8519,
92.5783


477.8012,
460.0298, 557.1678

 58.5727, 51.4058,
69.5353


129.8487,
118.9975, 152.8813

 42.5143, 36.5317,
50.6734

162.5255,
150.4659, 190.9784

 29.6971, 24.8451,
35.5738


200.2703,
187.0437, 234.9307

 19.7557, 15.9617,
23.8181

243.4484,
229.1155, 285.1566

 12.3248, 9.4970,
14.9878

292.4251,
277.0656, 342.0747

 7.0391, 5.0668,
8.6643

347.5660,

 3.5331, 2.2865,

331.2784, 406.1036

4.4291

409.2362,
392.1384, 477.6618

■ 1.4415, 0.7665,
1.8636

■ 0.2855, 0.0000,
0.4694

■ 78.2377, 69.8519,
92.5783

■ 78.2377, 69.8519,
92.5783

■ 71.7541, 58.4652,
85.5450

■ 85.7502, 83.2363,
100.1401

■ 66.2459, 48.9704,
79.0174

■ 94.3324, 98.7003,
108.2430

■ 61.6614, 41.2651,
72.9774

■ 95.0500, 100.0000,
108.9000

■ 57.9427, 35.2334,
67.4036

■ 55.0245, 30.7461,
62.2722

■ 52.8325, 27.6547,
57.5564

■ 51.2773, 25.7814,
53.2241

■ 50.2784, 24.8753,
49.5254

Harmonies

Analogous

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



73.6463, 69.8519, 109.4389



78.2377, 69.8519, 92.5783



79.5803, 69.8519, 73.4261

Triad

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



78.2377, 69.8519, 92.5783



65.4671, 69.8519, 45.7843



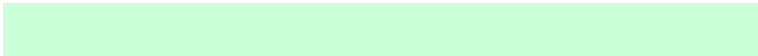
56.6388, 69.8519, 97.9341

Complementary

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



78.2377, 69.8519, 92.5783



72.5139, 89.0355, 78.3325

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.



54.7479, 69.8519, 78.7497



78.2377, 69.8519, 92.5783



59.6307, 69.8519, 50.2638

Square

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



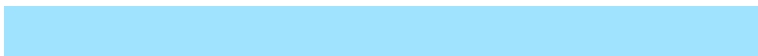
78.2377, 69.8519, 92.5783



71.9348, 69.8519, 48.2713



55.8070, 69.8519, 61.6281



61.1417, 69.8519, 112.8666

Rectangle

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



78.2377, 69.8519, 92.5783



78.3839, 69.8519, 62.3296



55.8070, 69.8519, 61.6281



55.6904, 69.8519, 91.6646

Sweetspot

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



78.2393, 69.8547, 92.5798



89.7179, 90.3661, 103.9462



67.2710, 63.9494, 103.4056



19.0842, 19.1275, 22.1359



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.



78.2393, 69.8547, 92.5798



75.3815, 64.8132, 89.5495



74.6603, 68.4232, 73.7334



18.5758, 18.2136, 21.6491



26.3365, 13.0239, 26.2200



2.6094, 1.2861, 2.7905

Inverse Universe

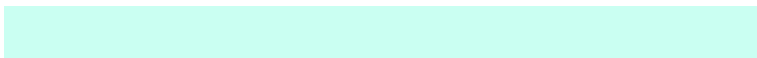
The Inverse Universe completely reimagines the original color for something new.



78.2393, 69.8547, 92.5798



75.3815, 64.8132, 89.5495



76.1084, 90.4732, 97.2606



18.5758, 18.2136, 21.6491



26.3365, 13.0239, 26.2200



2.6094, 1.2861, 2.7905

Previews

White Background



This preview shows how the XYZ color 78.2377, 69.8519, 92.5783 looks on a white background.

Color Contrast Check

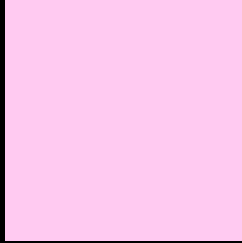
Large Text (above 18pt) WCAG AA × Fail

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 78.2377, 69.8519, 92.5783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

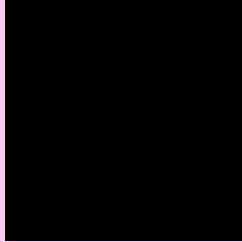
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.2377, 69.8519, 92.5783

Background



This preview shows how black text looks on a background with the XYZ color 78.2377, 69.8519, 92.5783.



This preview shows how white text looks on a background with the XYZ color 78.2377, 69.8519,

92.5783.

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

78.2377, 69.8519, 92.5783

Protanopia

68.9626, 70.0109, 100.3212

Deuteranopia

71.4366, 69.9770, 91.4031



Tritanopia

75.0274, 69.5785, 77.8822

Trichromacy



Original Color

78.2377, 69.8519, 92.5783



Protanomaly

72.0777, 69.7979, 97.6691



Deuteranomaly

73.5439, 69.5802, 91.9922



Tritanomaly

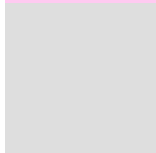
76.1045, 69.6698, 82.8353

Monochromacy



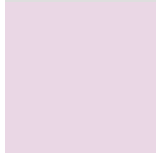
Original Color

78.2377, 69.8519, 92.5783



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

72.3750, 71.7504, 84.1634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2377, 69.8519, 92.5783 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, 202, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 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, 202, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 241) }
```

Border

The CSS property to change the border of an element to XYZ 78.2377, 69.8519, 92.5783 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, 202, 241) }
```


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

```
.border{ border-color:rgb(255, 202, 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, 202, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2377, 69.8519, 92.5783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 241) }
```

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

```
.background{ background-color: rgb(255,  
202, 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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