

Converting Colors

XYZ(78.4590, 70.2518, 92.7841)

Have a look what the booklet for
XYZ(78.4590, 70.2518, 92.7841)
contains.

XYZ(78.4731, 70.3227, 92.6568)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.4731, 70.3227,
92.6568)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBF1
RGB	255, 203, 241
RGB Percent	100%, 80%, 95%
CMY	0.0000, 0.2039, 0.0549
CMYK	0.00, 0.20, 0.05, 0.00
HSL	316°, 100%, 90%
HSV	316°, 20%, 100%
XYZ	78.4731, 70.3227, 92.6568
YIQ	222.8800, 18.7940, 22.8420

Conversions

Conversions Part 2

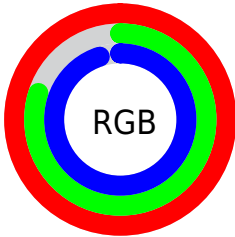
Format	Color
R_{YB}	255, 203, 241
Decimal	16763889
CIE _{Lab}	87.15, 24.43, -11.67
CIE _{LCh}	87, 27.075, 334.461
Yxy	70.3227, 0.3250, 0.2912
Android (android.graphics.Color)	4294953969 (0xFFFFCBF1)
YUV	222.8800, 8.9332, 28.1692
Hunter-Lab	83.8586, 20.2838, -6.8095

Details

The XYZ color **78.4731, 70.3227, 92.6568** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.9151, 89.2273, 79.0282**, and the grayscale version is **69.9848, 73.6294, 80.1824**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7931, 37.0034, 50.7859** is the 20% darker color. If you saturate the color by 10%, you get **71.9330, 58.8528, 85.5127**, and if you desaturate by 10%, it is **86.0454, 83.7945, 100.3375**.

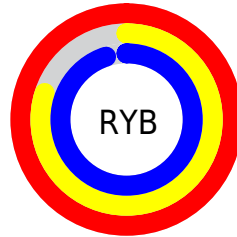
Distribution



Red (100%)

Green (80%)

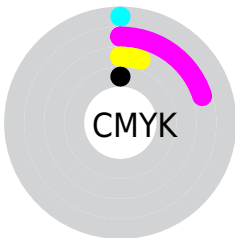
Blue (95%)



Red (100%)

Yellow (80%)

Blue (95%)

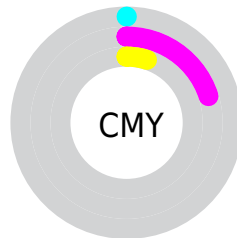


Cyan (0%)

Magenta (20%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4731, 70.3227, 92.6568 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 78.4731, 70.3227, 92.6568 by changing the saturation by 10% instead.


 78.4731, 70.3227,
92.6568

 78.4731, 70.3227,
92.6568

478.5873,
461.6823, 557.4275

 58.7668, 51.7897,
69.6002


130.1787,
119.6688, 152.9910

 42.6711, 36.8374,
50.7259

162.9087,
151.2507, 191.1056

 29.8205, 25.0817,
35.6153


200.7107,
187.9510, 235.0767

 19.8498, 16.1379,
23.8499

243.9499,
230.1541, 285.3227

 12.3935, 9.6218,
15.0111

292.9919,
278.2443, 342.2623

 7.0864, 5.1489,
8.6805

348.2019,

 3.5630, 2.3349,

332.6062, 406.3139

4.4394

409.9452,
393.6240, 477.8962

■ 1.4580, 0.7921,
1.8694

■ 0.2970, 0.0000,
0.4731

■ 78.4731, 70.3227,
92.6568

■ 78.4731, 70.3227,
92.6568

■ 71.9330, 58.8528,
85.5127

■ 86.0454, 83.7945,
100.3375

■ 66.3717, 49.2793,
78.8826

94.6906, 99.3501,
108.5677

■ 61.7377, 41.5002,
72.7480

95.0500, 100.0000,
108.9000

■ 57.9731, 35.4000,
67.0877

■ 55.0132, 30.8501,
61.8778

■ 52.7838, 27.7029,
57.0915

■ 51.1964, 25.7820,
52.6968

■ 50.1397, 24.8199,
48.7951

Harmonies

Analogous

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



73.9894, 70.3227, 109.1723



78.4731, 70.3227, 92.6568



79.7667, 70.3227, 73.8819

Triad

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



78.4731, 70.3227, 92.6568



65.8945, 70.3227, 46.7299



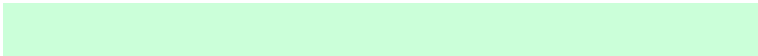
57.2692, 70.3227, 98.1096

Complementary

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



78.4731, 70.3227, 92.6568



72.9151, 89.2273, 79.0282

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.



55.3905, 70.3227, 79.3215



78.4731, 70.3227, 92.6568



60.1659, 70.3227, 51.2046

Square

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



78.4731, 70.3227, 92.6568



72.2432, 70.3227, 49.1528



56.4168, 70.3227, 62.4611



61.7124, 70.3227, 112.6539

Rectangle

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



78.4731, 70.3227, 92.6568



78.5813, 70.3227, 62.9835



56.4168, 70.3227, 62.4611



56.3300, 70.3227, 91.9809

Sweetspot

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



78.4747, 70.3256, 92.6583



89.7056, 90.3612, 103.8817



67.9842, 64.6665, 103.5065



19.0813, 19.1264, 22.1206



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.



78.4747, 70.3256, 92.6583



75.9969, 65.9584, 90.0180



74.8808, 68.8880, 73.7329



18.5717, 18.2120, 21.6275



26.2646, 12.9952, 25.8418



2.6029, 1.2835, 2.7563

Inverse Universe

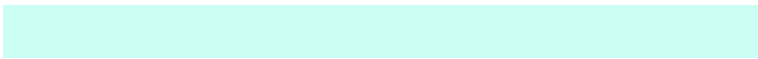
The Inverse Universe completely reimagines the original color for something new.



78.4747, 70.3256, 92.6583



75.9969, 65.9584, 90.0180



76.5479, 90.6804, 98.1581



18.5717, 18.2120, 21.6275



26.2646, 12.9952, 25.8418



2.6029, 1.2835, 2.7563

Previews

White Background



This preview shows how the XYZ color 78.4731, 70.3227, 92.6568 looks on a white background.

Color Contrast Check

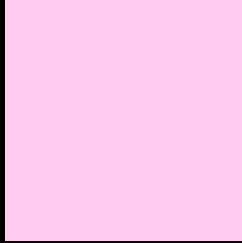
Large Text (above 18pt) WCAG AA × Fail

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 78.4731, 70.3227, 92.6568 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 78.4731, 70.3227, 92.6568

Background



This preview shows how black text looks on a background with the XYZ color 78.4731, 70.3227, 92.6568.



This preview shows how white text looks on a background with the XYZ color 78.4731, 70.3227,

92.6568.

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

78.4731, 70.3227, 92.6568

Protanopia

69.5087, 70.6740, 100.4204

Deuteranopia

72.0074, 70.6435, 91.5017



Tritanopia

75.4010, 70.1120, 78.6661

Trichromacy



Original Color

78.4731, 70.3227, 92.6568



Protanomaly

72.3269, 70.2963, 97.7522



Deuteranomaly

74.1252, 70.2429, 92.0895



Tritanomaly

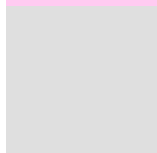
76.4822, 70.2024, 83.6481

Monochromacy



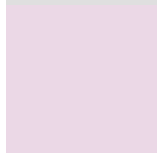
Original Color

78.4731, 70.3227, 92.6568



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 78.4731, 70.3227, 92.6568 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, 203, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 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, 203, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 241) }
```

Border

The CSS property to change the border of an element to XYZ 78.4731, 70.3227, 92.6568 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, 203, 241) }
```


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

```
.border{ border-color:rgb(255, 203, 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, 203, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4731, 70.3227, 92.6568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 241) }
```

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

```
.background{ background-color: rgb(255,  
203, 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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