

Converting Colors

XYZ(78.1517, 71.1649,
104.2249)

Have a look what the booklet for
XYZ(78.1517, 71.1649, 104.2249)
contains.

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Color

**XYZ(78.3689, 71.4385,
104.2663)**

Conversions

Conversions Part 1

Format	Color
Hex	F6CFFF
RGB	246, 207, 255
RGB Percent	96%, 81%, 100%
CMY	0.0353, 0.1882, 0.0000
CMYK	0.04, 0.19, 0.00, 0.00
HSL	289°, 100%, 91%
HSV	289°, 19%, 100%
XYZ	78.3689, 71.4385, 104.2663
YIQ	224.1330, 7.8360, 23.1960

Conversions

Conversions Part 2

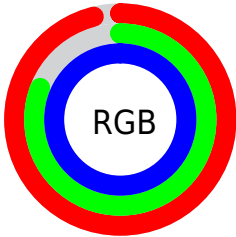
Format	Color
R _Y B	246, 207, 255
Decimal	16175103
CIE _{Lab}	87.70, 21.88, -18.34
CIE _{LCh}	88, 28.554, 320.028
Y _{xy}	71.4385, 0.3084, 0.2812
Android (android.graphics.Color)	4294365183 (0xFFFF6CFFF)
Y _{UV}	224.1330, 15.2174, 19.1774
Hunter-Lab	84.5213, 17.5945, -13.9758

Details

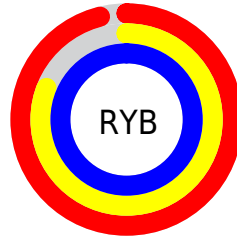
The XYZ color **78.3689, 71.4385, 104.2663** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.3431, 90.6247, 72.5563**, and the grayscale version is **70.8391, 74.5283, 81.1613**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4075, 37.3525, 58.4007** is the 20% darker color. If you saturate the color by 10%, you get **71.0280, 59.2134, 102.2935**, and if you desaturate by 10%, it is **86.7545, 85.6871, 106.5746**.

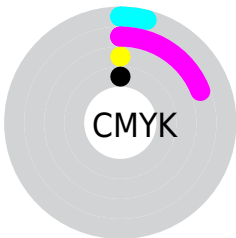
Distribution



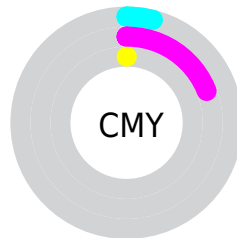
- Red (96%)
- Green (81%)
- Blue (100%)



- Red (96%)
- Yellow (81%)
- Blue (100%)



- Cyan (4%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3689, 71.4385, 104.2663 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 78.3689, 71.4385, 104.2663 by changing the saturation by 10% instead.

78.3689, 71.4385,
104.2663

78.3689, 71.4385,
104.2663

478.2394,
465.5849, 595.1490

58.6809, 52.7001,
79.2316

130.0326,
121.2579, 169.1106

42.6017, 37.5634,
58.5638

162.7391,
153.1077, 209.7573

29.7659, 25.6440,
41.8444

200.5158,
190.0968, 256.4451

19.8081, 16.5575,
28.6548

243.7280,
232.6095, 309.5925

12.3631, 9.9195,
18.5765

292.7411,
281.0303, 369.6180

7.0654, 5.3456,
11.1910

347.9204,

3.5497, 2.4515,

335.7435, 436.9403

6.0796

409.6314,
397.1336, 511.9778

■ 1.4507, 0.8522,
2.8240

■ 0.2919, 0.0000,
1.0055

■ 78.3689, 71.4385,
104.2663

■ 78.3689, 71.4385,
104.2663

■ 71.0280, 59.2134,
102.2935

■ 86.7545, 85.6871,
106.5746

■ 64.6779, 48.9071,
100.6389

95.0500, 100.0000,
108.9000

■ 59.2683, 40.4190,
99.2856

■ 54.7425, 33.6355,
98.2148

■ 51.0368, 28.4302,
97.4054

■ 48.0791, 24.6592,
96.8334

■ 45.7836, 22.1516,
96.4704

■ 44.0264, 20.6598,
96.2750

■ 43.8359, 20.5131,
96.2568

Harmonies

Analogous

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



72.4550, 71.4385, 118.3153



78.3689, 71.4385, 104.2663



81.5398, 71.4385, 84.4182

Triad

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



78.3689, 71.4385, 104.2663



70.1786, 71.4385, 46.5501



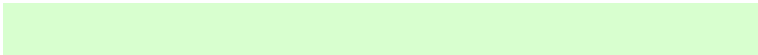
56.3933, 71.4385, 91.2587

Complementary

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



78.3689, 71.4385, 104.2663



75.3431, 90.6247, 72.5563

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.



55.8733, 71.4385, 71.5076



78.3689, 71.4385, 104.2663



63.5403, 71.4385, 47.7611

Square

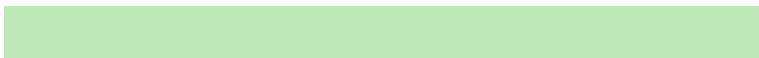
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3689, 71.4385, 104.2663



76.6076, 71.4385, 52.5767



58.4079, 71.4385, 56.2152



59.8788, 71.4385, 109.9833

Rectangle

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



78.3689, 71.4385, 104.2663



81.5373, 71.4385, 71.4738



58.4079, 71.4385, 56.2152



55.8752, 71.4385, 84.4559

Sweetspot

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



78.3709, 71.4415, 104.2667



89.3144, 90.0837, 107.2883



68.4947, 69.9082, 104.4913



18.9885, 19.0605, 22.9282



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.



78.3709, 71.4415, 104.2667



75.1787, 66.0918, 103.4024



79.3719, 72.2154, 92.6631



18.4392, 18.1181, 22.7752



23.0249, 10.7802, 50.3018



2.3241, 1.0920, 4.9016

Inverse Universe

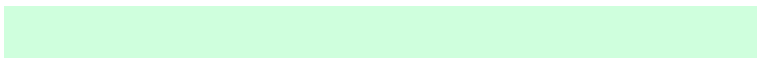
The Inverse Universe completely reimagines the original color for something new.



75.9493, 70.8464, 74.6399



72.3638, 65.4199, 68.0667



74.5987, 90.0282, 82.1345



18.1485, 18.0427, 19.3990



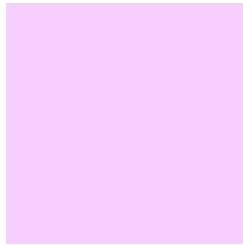
21.8650, 11.2353, 2.6738



2.1642, 1.1081, 0.4461

Previews

White Background



This preview shows how the XYZ color 78.3689, 71.4385, 104.2663 looks on a white background.

Color Contrast Check

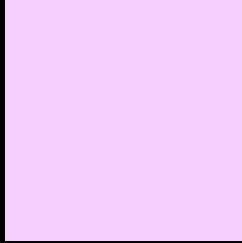
Large Text (above 18pt) WCAG AA × Fail

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 78.3689, 71.4385, 104.2663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

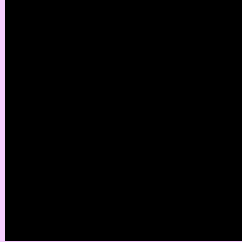
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3689, 71.4385, 104.2663

Background



This preview shows how black text looks on a background with the XYZ color 78.3689, 71.4385, 104.2663.



This preview shows how white text looks on a background with the XYZ color 78.3689, 71.4385,

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

78.3689, 71.4385, 104.2663

Protanopia

70.5620, 71.5089, 104.6913

Deuteranopia

73.2412, 71.7642, 103.7576



Tritanopia

74.1650, 71.5656, 83.3034

Trichromacy



Original Color

78.3689, 71.4385, 104.2663

Protanomaly

73.1479, 71.3207, 104.5187

Deuteranomaly

75.0371, 71.5664, 103.6247

Tritanomaly

75.4414, 71.3209, 90.6790

Monochromacy



Original Color

78.3689, 71.4385, 104.2663

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.3455, 73.2968, 88.8792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3689, 71.4385, 104.2663 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(246, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 207, 255)  
}
```

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(246, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 207, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.3689, 71.4385, 104.2663 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(246, 207, 255) }
```


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

```
.border{ border-color:rgb(246, 207, 255) }
```

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

Here you see how a box with a 4 pixel rgb(246, 207, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 207,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3689, 71.4385, 104.2663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 207, 255) }
```

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

```
.background{ background-color: rgb(246,  
207, 255) }
```

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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