

Converting Colors

XYZ(77.5056, 70.5667,
106.0115)

Have a look what the booklet for
XYZ(77.5056, 70.5667, 106.0115)
contains.

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Color

**XYZ(77.0835, 70.4173,
104.1369)**

Conversions

Conversions Part 1

Format	Color
Hex	F3CEFF
RGB	243, 206, 255
RGB Percent	95%, 81%, 100%
CMY	0.0471, 0.1921, 0.0000
CMYK	0.05, 0.19, 0.00, 0.00
HSL	285°, 100%, 90%
HSV	285°, 19%, 100%
XYZ	77.0835, 70.4173, 104.1369
YIQ	222.6490, 6.3230, 23.0830

Conversions

Conversions Part 2

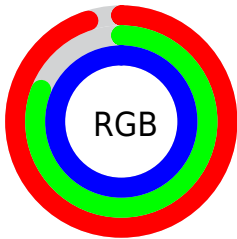
Format	Color
R _Y B	243, 206, 255
Decimal	15978239
CIE Lab	87.20, 21.44, -19.12
CIE LCh	87, 28.729, 318.283
Yxy	70.4173, 0.3063, 0.2798
Android (android.graphics.Color)	4294168319 (0xFFFF3CEFF)
YUV	222.6490, 15.9490, 17.8478
Hunter-Lab	83.9150, 17.1170, -14.8372

Details

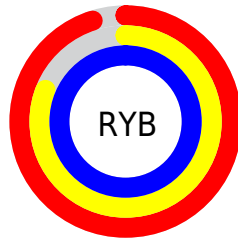
The XYZ color **77.0835, 70.4173, 104.1369** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.8156, 90.8824, 71.9421**, and the grayscale version is **69.7794, 73.4134, 79.9472**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9148, 37.0985, 58.3777** is the 20% darker color. If you saturate the color by 10%, you get **69.3176, 58.0297, 102.1552**, and if you desaturate by 10%, it is **85.9224, 84.8402, 106.4549**.

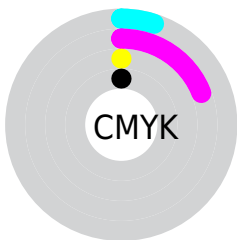
Distribution



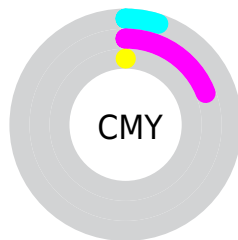
- Red (95%)
- Green (81%)
- Blue (100%)



- Red (95%)
- Yellow (81%)
- Blue (100%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0835, 70.4173, 104.1369 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 77.0835, 70.4173, 104.1369 by changing the saturation by 10% instead.

77.0835, 70.4173,
104.1369

77.0835, 70.4173,
104.1369

473.9362,
462.0139, 594.7357

57.6216, 51.8668,
79.1238

128.2296,
119.8037, 168.9320

41.7466, 36.8989,
58.4757

160.6444,
151.4083, 209.5511

29.0931, 25.1292,
41.7740

198.1076,
188.1332, 256.2093

19.2959, 16.1734,
28.6001

240.9845,
230.3626, 309.3251

11.9896, 9.6469,
18.5355

289.6405,
278.4810, 369.3172

6.8087, 5.1655,
11.1618

344.4408,

3.3880, 2.3447,

332.8727, 436.6039

6.0602

405.7510,
393.9222, 511.6039

■ 1.3621, 0.7972,
2.8123

■ 0.2290, 0.0000,
0.9996

■ 77.0835, 70.4173,
104.1369

■ 77.0835, 70.4173,
104.1369

■ 69.3176, 58.0297,
102.1552

■ 85.9224, 84.8402,
106.4549

■ 62.5703, 47.5725,
100.4923

95.0500, 100.0000,
108.9000

■ 56.7908, 38.9442,
99.1315

■ 51.9215, 32.0308,
98.0537

■ 47.8983, 26.7052,
97.2378

■ 44.6480, 22.8220,
96.6596

■ 42.0840, 20.2091,
96.2904

■ 40.0758, 18.6070,
96.0870

■ 39.9290, 18.4990,
96.0739

Harmonies

Analogous

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



71.0808, 70.4173, 117.6192



77.0835, 70.4173, 104.1369



80.4471, 70.4173, 84.4642

Triad

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



77.0835, 70.4173, 104.1369



69.5976, 70.4173, 45.7536



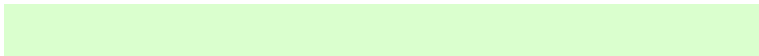
55.3560, 70.4173, 88.9238

Complementary

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



77.0835, 70.4173, 104.1369



75.8156, 90.8824, 71.9421

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.



55.0179, 70.4173, 69.3753



77.0835, 70.4173, 104.1369



62.9431, 70.4173, 46.5385

Square

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



77.0835, 70.4173, 104.1369



75.9351, 70.4173, 52.1571



57.7089, 70.4173, 54.5188



58.6657, 70.4173, 107.8701

Rectangle

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



77.0835, 70.4173, 104.1369



80.5997, 70.4173, 71.4453



57.7089, 70.4173, 54.5188



54.8996, 70.4173, 82.1486

Sweetspot

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



77.0855, 70.4202, 104.1374



88.9968, 89.9200, 107.2734



68.6424, 70.6172, 104.6204



18.9132, 19.0218, 22.9247



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.



77.0855, 70.4202, 104.1374



74.0210, 65.4950, 103.3482



79.4527, 71.8612, 94.2803



18.3326, 18.0632, 22.7703



21.0059, 9.7394, 50.2073



2.1438, 0.9991, 4.8931

Inverse Universe

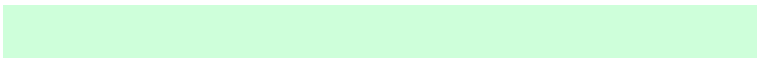
The Inverse Universe completely reimagines the original color for something new.



75.9679, 70.4673, 75.9295



72.7808, 65.5867, 70.2627



73.9032, 89.7178, 79.9262



18.1917, 18.0600, 19.6269



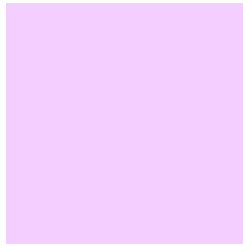
22.0585, 11.3127, 3.6927



2.1888, 1.1179, 0.5755

Previews

White Background



This preview shows how the XYZ color 77.0835, 70.4173, 104.1369 looks on a white background.

Color Contrast Check

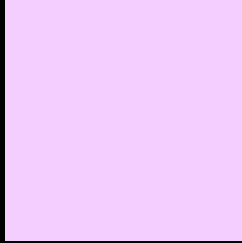
Large Text (above 18pt) WCAG AA × Fail

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 77.0835, 70.4173, 104.1369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

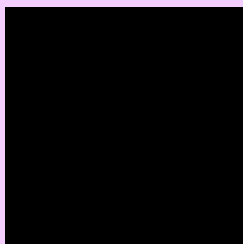
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.0835, 70.4173, 104.1369

Background



This preview shows how black text looks on a background with the XYZ color 77.0835, 70.4173, 104.1369.

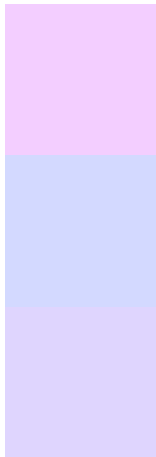


This preview shows how white text looks on a background with the XYZ color 77.0835, 70.4173,

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

77.0835, 70.4173, 104.1369

Protanopia

69.7268, 70.6946, 104.5782

Deuteranopia

72.1151, 70.4322, 103.5598



Tritanopia

72.7560, 70.4853, 82.4434

Trichromacy



Original Color

77.0835, 70.4173, 104.1369

Protanomaly

72.2757, 70.4965, 104.4056

Deuteranomaly

73.5691, 70.0719, 103.4137

Tritanomaly

74.0217, 70.2406, 89.7772

Monochromacy



Original Color

77.0835, 70.4173, 104.1369

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.4414, 72.4469, 88.7628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0835, 70.4173, 104.1369 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(243, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 206, 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(243, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.0835, 70.4173, 104.1369 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(243, 206, 255) }
```


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

```
.border{ border-color:rgb(243, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0835, 70.4173, 104.1369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 206, 255) }
```

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

```
.background{ background-color: rgb(243,  
206, 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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