

Converting Colors

XYZ(76.8888, 69.8118,
103.5656)

Have a look what the booklet for
XYZ(76.8888, 69.8118, 103.5656)
contains.

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Color

**XYZ(77.0289, 70.0515,
103.2274)**

Conversions

Conversions Part 1

Format	Color
Hex	F4CDFE
RGB	244, 205, 254
RGB Percent	96%, 80%, 100%
CMY	0.0431, 0.1961, 0.0039
CMYK	0.04, 0.19, 0.00, 0.00
HSL	288°, 96%, 90%
HSV	288°, 19%, 100%
XYZ	77.0289, 70.0515, 103.2274
YIQ	222.2470, 7.5150, 23.5070

Conversions

Conversions Part 2

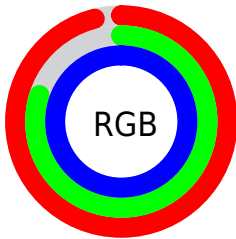
Format	Color
R_{YB}	244, 205, 254
Decimal	16043518
CIE _{Lab}	87.02, 22.11, -18.85
CIE _{LCh}	87, 29.053, 319.544
Yxy	70.0515, 0.3077, 0.2799
Android (android.graphics.Color)	4294233598 (0xFFF4CDFE)
YUV	222.2470, 15.6542, 19.0774
Hunter-Lab	83.6968, 17.8101, -14.5376

Details

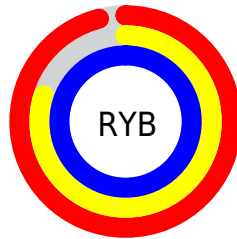
The XYZ color **77.0289, 70.0515, 103.2274** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.4882, 89.7403, 71.1568**, and the grayscale version is **69.4966, 73.1158, 79.6231**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6382, 36.7292, 57.7182** is the 20% darker color. If you saturate the color by 10%, you get **69.6664, 57.9582, 101.2823**, and if you desaturate by 10%, it is **85.4326, 84.1494, 105.5067**.

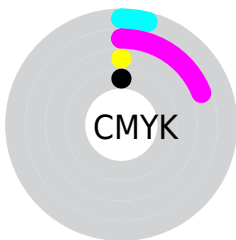
Distribution



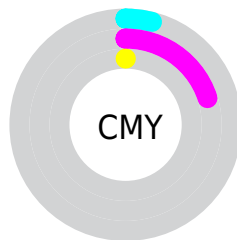
- Red (96%)
- Green (80%)
- Blue (100%)



- Red (96%)
- Yellow (80%)
- Blue (100%)



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



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0289, 70.0515, 103.2274 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 77.0289, 70.0515, 103.2274 by changing the saturation by 10% instead.

77.0289, 70.0515,
103.2274

77.0289, 70.0515,
103.2274

473.7530,
460.7308, 591.8260

57.5766, 51.5685,
78.3667

128.1529,
119.2822, 167.6758

41.7103, 36.6613,
57.8571

160.5553,
150.7987, 208.1006

29.0646, 24.9453,
41.2798

198.0051,
187.4285, 254.5505

19.2742, 16.0363,
28.2164

240.8677,
229.5560, 307.4441

11.9738, 9.5499,
18.2484

289.5085,
277.5656, 367.1999

6.7979, 5.1015,
10.9572

344.2927,

3.3812, 2.3070,

331.8417, 434.2365

5.9243

405.5857,
392.7686, 508.9723

■ 1.3584, 0.7774,
2.7310

■ 0.2263, 0.0000,
0.9590

■ 77.0289, 70.0515,
103.2274

■ 77.0289, 70.0515,
103.2274

■ 69.6664, 57.9582,
101.2823

■ 85.4326, 84.1494,
105.5067

■ 63.2907, 47.7653,
99.6509

94.6580, 99.8165,
108.0445

■ 57.8520, 39.3727,
98.3176

94.8896, 99.9358,
108.0554

■ 53.2936, 32.6673,
97.2636

■ 49.5523, 27.5234,
96.4679

■ 46.5557, 23.7970,
95.9066

■ 44.2183, 21.3176,
95.5512

■ 42.4100, 19.8256,
95.3585

■ 42.2905, 19.7350,
95.3473

Harmonies

Analogous

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



71.0501, 70.0515, 117.2604



77.0289, 70.0515, 103.2274



80.2778, 70.0515, 83.2698

Triad

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



77.0289, 70.0515, 103.2274



68.9817, 70.0515, 45.0715



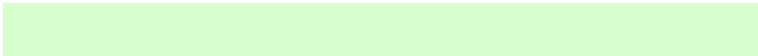
55.0102, 70.0515, 89.4924

Complementary

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



77.0289, 70.0515, 103.2274



74.4882, 89.7403, 71.1568

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.



54.5396, 70.0515, 69.6818



77.0289, 70.0515, 103.2274



62.3050, 70.0515, 46.1610

Square

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



77.0289, 70.0515, 103.2274



75.4264, 70.0515, 51.1931



57.1249, 70.0515, 54.4756



58.4572, 70.0515, 108.4438

Rectangle

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



77.0289, 70.0515, 103.2274



80.3187, 70.0515, 70.2352



57.1249, 70.0515, 54.4756



54.5080, 70.0515, 82.6497

Sweetspot

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



77.0310, 70.0545, 103.2289



89.2223, 90.0362, 107.2840



67.5269, 69.0536, 103.5367



18.9666, 19.0493, 22.9272



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.



77.0310, 70.0545, 103.2289



74.8415, 65.9180, 103.3866



78.4521, 71.0347, 92.1071



18.4082, 18.1022, 22.7738



22.4211, 10.4690, 50.2736



2.2704, 1.0644, 4.8991

Inverse Universe

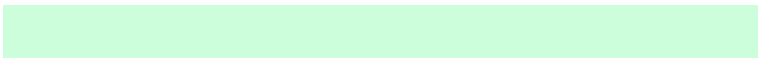
The Inverse Universe completely reimagines the original color for something new.



74.9726, 69.6429, 73.7844



72.4836, 65.4678, 68.6974



73.3920, 88.9729, 80.2456



18.1610, 18.0477, 19.4648



21.9155, 11.2555, 2.9397



2.1708, 1.1107, 0.4811

Previews

White Background



This preview shows how the XYZ color 77.0289, 70.0515, 103.2274 looks on a white background.

Color Contrast Check

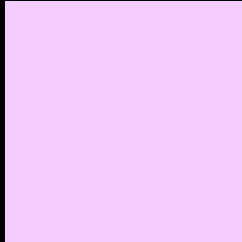
Large Text (above 18pt) WCAG AA × Fail

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 77.0289, 70.0515, 103.2274 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 77.0289, 70.0515, 103.2274

Background



This preview shows how black text looks on a background with the XYZ color 77.0289, 70.0515, 103.2274.

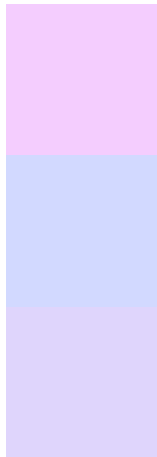


This preview shows how white text looks on a background with the XYZ color 77.0289, 70.0515,

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

77.0289, 70.0515, 103.2274

Protanopia

69.4412, 70.5473, 104.5648

Deuteranopia

71.7964, 70.3047, 101.8816



Tritanopia

72.7092, 70.1094, 81.6518

Trichromacy



Original Color

77.0289, 70.0515, 103.2274

Protanomaly

71.9685, 70.3381, 104.3912

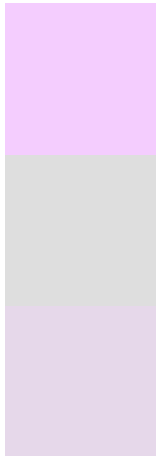
Deuteranomaly

73.7312, 70.1740, 102.5874

Tritanomaly

73.9718, 69.8687, 88.9441

Monochromacy



Original Color

77.0289, 70.0515, 103.2274

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

72.0403, 71.8752, 87.9183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0289, 70.0515, 103.2274 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(244, 205, 254)` looks like.

```
.text, #text, p{  
    color:rgb(244, 205, 254)  
}
```

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(244, 205, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 205, 254) }
```

Border

The CSS property to change the border of an element to XYZ 77.0289, 70.0515, 103.2274 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(244, 205, 254) }
```


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

```
.border{ border-color:rgb(244, 205, 254) }
```

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

Here you see how a box with a 4 pixel rgb(244, 205, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 205, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 205, 254);  
box-shadow:4px 4px 4px 4px rgb(244, 205,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0289, 70.0515, 103.2274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 205, 254) }
```

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

```
.background{ background-color: rgb(244,  
205, 254) }
```

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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