

Converting Colors

XYZ(77.8070, 71.1163, 89.4406)

Have a look what the booklet for
XYZ(77.8070, 71.1163, 89.4406)
contains.

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Color

**XYZ(77.8654, 71.1397,
89.7481)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCEED
RGB	253, 206, 237
RGB Percent	99%, 81%, 93%
CMY	0.0078, 0.1921, 0.0706
CMYK	0.00, 0.19, 0.06, 0.01
HSL	320°, 92%, 90%
HSV	320°, 19%, 99%
XYZ	77.8654, 71.1397, 89.7481
YIQ	223.5870, 18.0610, 19.6050

Conversions

Conversions Part 2

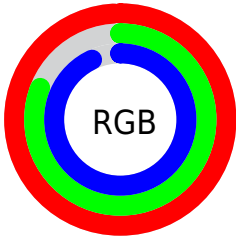
Format	Color
R _Y B	253, 206, 237
Decimal	16633581
CIE Lab	87.55, 21.50, -8.98
CIE LCh	88, 23.301, 337.326
Yxy	71.1397, 0.3261, 0.2980
Android (android.graphics.Color)	4294823661 (0xFFFDCEED)
YUV	223.5870, 6.6126, 25.7952
Hunter-Lab	84.3444, 17.1858, -4.0475

Details

The XYZ color **77.8654, 71.1397, 89.7481** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.7666, 88.6483, 82.3344**, and the grayscale version is **70.5040, 74.1757, 80.7773**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1720, 37.2052, 48.6747** is the 20% darker color. If you saturate the color by 10%, you get **71.0301, 59.4341, 81.4094**, and if you desaturate by 10%, it is **85.7456, 84.8364, 98.7350**.

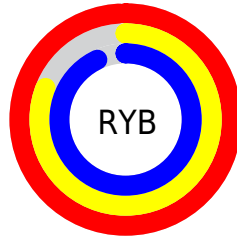
Distribution



Red (99%)

Green (81%)

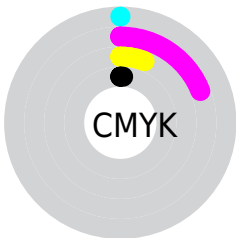
Blue (93%)



Red (99%)

Yellow (81%)

Blue (93%)

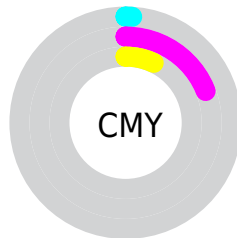


Cyan (0%)

Magenta (19%)

Yellow (6%)

Black (1%)



Cyan (1%)

Magenta (19%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.8654, 71.1397, 89.7481 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 77.8654, 71.1397, 89.7481 by changing the saturation by 10% instead.

77.8654, 71.1397,
89.7481

77.8654, 71.1397,
89.7481

476.5564,
464.5416, 547.7600

58.2658, 52.4562,
67.1992

129.3267,
120.8326, 148.9209

42.2665, 37.3688,
48.7839

161.9192,
152.6108, 186.3819

29.5020, 25.4932,
34.0837

199.5733,
189.5228, 229.6507

19.6071, 16.4449,
22.6800

242.6545,
231.9528, 279.1457

12.2164, 9.8395,
14.1543

291.5280,
280.2853, 335.2857

6.9645, 5.2927,
8.0881

346.5592,

3.4860, 2.4200,

334.9047, 398.4890

4.0628

408.1136,
396.1953, 469.1743

■ 1.4157, 0.8361,
1.6599

■ 0.2674, 0.0000,
0.3330

■ 77.8654, 71.1397,
89.7481

■ 77.8654, 71.1397,
89.7481

■ 71.0301, 59.4341,
81.4094

■ 85.7456, 84.8364,
98.7350

■ 65.1858, 49.6162,
73.6944

■ 94.1946, 99.5733,
108.2130

■ 60.2831, 41.5874,
66.5833

■ 94.3185, 99.6229,
108.8658

■ 56.2658, 35.2366,
60.0528

■ 53.0711, 30.4401,
54.0777

■ 50.6279, 27.0566,
48.6298

■ 48.8520, 24.9196,
43.6763

■ 47.6241, 23.7917,
39.1728

■ 47.4710, 23.6679,
38.5599

Harmonies

Analogous

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



74.2424, 71.1397, 104.1649



77.8654, 71.1397, 89.7481



78.6724, 71.1397, 73.6560

Triad

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



77.8654, 71.1397, 89.7481



66.2749, 71.1397, 51.1048



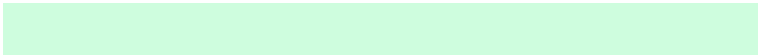
59.5401, 71.1397, 97.3415

Complementary

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



77.8654, 71.1397, 89.7481



73.7666, 88.6483, 82.3344

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.



57.6475, 71.1397, 81.3908



77.8654, 71.1397, 89.7481



61.3964, 71.1397, 55.7588

Square

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



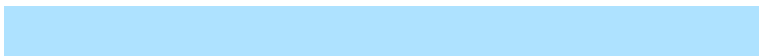
77.8654, 71.1397, 89.7481



71.7810, 71.1397, 52.7101



58.3082, 71.1397, 66.3463



63.6156, 71.1397, 108.9477

Rectangle

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



77.8654, 71.1397, 89.7481



77.4670, 71.1397, 64.3547



58.3082, 71.1397, 66.3463



58.6379, 71.1397, 92.2315

Sweetspot

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



77.8675, 71.1428, 89.7496



89.5344, 90.2927, 102.9800



69.8261, 66.7151, 102.1267



19.0408, 19.1102, 21.9072



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.



77.8675, 71.1428, 89.7496



76.7662, 68.1112, 88.3816



74.6982, 69.8751, 73.0604



18.5144, 18.1891, 21.3262



25.3235, 12.6187, 20.8860



2.5169, 1.2491, 2.3032

Inverse Universe

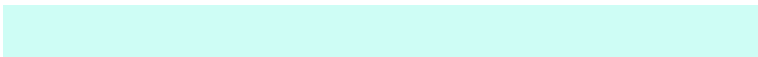
The Inverse Universe completely reimagines the original color for something new.



77.8675, 71.1428, 89.7496



76.7662, 68.1112, 88.3816



77.0882, 89.9770, 99.8257



18.5144, 18.1891, 21.3262



25.3235, 12.6187, 20.8860



2.5169, 1.2491, 2.3032

Previews

White Background



This preview shows how the XYZ color 77.8654, 71.1397, 89.7481 looks on a white background.

Color Contrast Check

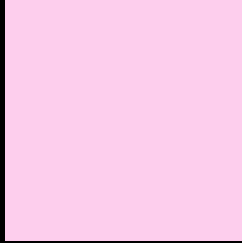
Large Text (above 18pt) WCAG AA × Fail

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 77.8654, 71.1397, 89.7481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

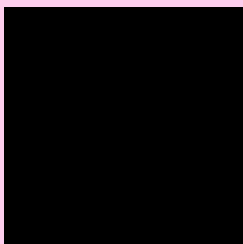
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.8654, 71.1397, 89.7481

Background



This preview shows how black text looks on a background with the XYZ color 77.8654, 71.1397, 89.7481.



This preview shows how white text looks on a background with the XYZ color 77.8654, 71.1397,

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

77.8654, 71.1397, 89.7481

Protanopia

69.8717, 71.3343, 96.4725

Deuteranopia

72.8663, 71.1371, 89.2472



Tritanopia

75.7941, 71.0028, 80.2311

Trichromacy



Original Color

77.8654, 71.1397, 89.7481

Protanomaly

72.3867, 71.1620, 93.9248

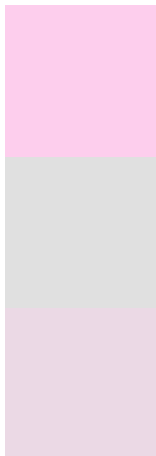
Deuteranomaly

74.4625, 70.8501, 89.1077

Tritanomaly

76.6006, 70.9782, 83.7916

Monochromacy



Original Color

77.8654, 71.1397, 89.7481

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.2167, 72.9450, 84.3496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8654, 71.1397, 89.7481 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(253, 206, 237)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 237)  
}
```

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(253, 206, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 237) }
```

Border

The CSS property to change the border of an element to XYZ 77.8654, 71.1397, 89.7481 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(253, 206, 237) }
```


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

```
.border{ border-color:rgb(253, 206, 237) }
```

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

Here you see how a box with a 4 pixel rgb(253, 206, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 206, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 206, 237);  
box-shadow:4px 4px 4px 4px rgb(253, 206,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8654, 71.1397, 89.7481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 206, 237) }
```

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

```
.background{ background-color: rgb(253,  
206, 237) }
```

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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