

Converting Colors

XYZ(79.3678, 71.7407, 97.6599)

Have a look what the booklet for
XYZ(79.3678, 71.7407, 97.6599)
contains.

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Color

**XYZ(79.3678, 71.7407,
97.6599)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCEF7
RGB	253, 206, 247
RGB Percent	99%, 81%, 97%
CMY	0.0078, 0.1921, 0.0314
CMYK	0.00, 0.19, 0.02, 0.01
HSL	308°, 92%, 90%
HSV	308°, 19%, 99%
XYZ	79.3678, 71.7407, 97.6599
YIQ	224.7270, 14.8510, 22.7150

Conversions

Conversions Part 2

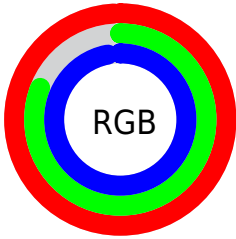
Format	Color
R _Y B	253, 206, 247
Decimal	16633591
CIE Lab	87.84, 23.24, -13.84
CIE LCh	88, 27.044, 329.227
Yxy	71.7407, 0.3190, 0.2884
Android (android.graphics.Color)	4294823671 (0xFFFDCEF7)
YUV	224.7270, 10.9806, 24.7954
Hunter-Lab	84.6999, 19.0382, -9.0721

Details

The XYZ color **79.3678, 71.7407, 97.6599** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.4654, 88.1278, 75.4823**, and the grayscale version is **71.2901, 75.0028, 81.6780**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2355, 37.6306, 54.2749** is the 20% darker color. If you saturate the color by 10%, you get **73.2670, 60.3289, 93.1889**, and if you desaturate by 10%, it is **86.4618, 85.1229, 102.5062**.

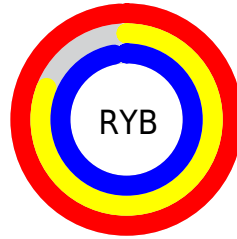
Distribution



Red (99%)

Green (81%)

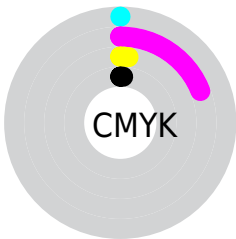
Blue (97%)



Red (99%)

Yellow (81%)

Blue (97%)

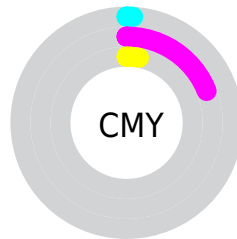


Cyan (0%)

Magenta (19%)

Yellow (2%)

Black (1%)



Cyan (1%)


Magenta (19%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3678, 71.7407, 97.6599 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 79.3678, 71.7407, 97.6599 by changing the saturation by 10% instead.

 79.3678, 71.7407,
97.6599

 79.3678, 71.7407,
97.6599


481.5688,
466.6386, 573.8462

 59.5049, 52.9469,
73.7417


131.4317,
121.6878, 159.9613

 43.2677, 37.7604,
54.0872


164.3635,
153.6099, 199.1817

 30.2906, 25.7968,
38.2777

202.3823,
190.6768, 244.3398

 20.2084, 16.6717,
25.8948

245.8534,
233.2731, 295.8542

 12.6558, 10.0007,
16.5199

295.1423,
281.7830, 354.1436

 7.2673, 5.3994,
9.7345

350.6142,

 3.6776, 2.4835,

336.5909, 419.6263

5.1200

412.6346,
398.0813, 492.7210

■ 1.5214, 0.8683,
2.2578

■ 0.3403, 0.0000,
0.7075

■ 79.3678, 71.7407,
97.6599

■ 79.3678, 71.7407,
97.6599

■ 73.2670, 60.3289,
93.1889

■ 86.4618, 85.1229,
102.5062

■ 68.1062, 50.7843,
89.0728

■ 94.0718, 99.5242,
107.5665

■ 63.8367, 43.0089,
85.2961

■ 94.3185, 99.6229,
108.8658

■ 60.4032, 36.8916,
81.8399

■ 57.7438, 32.3091,
78.6835

■ 55.7882, 29.1207,
75.8033

■ 54.4531, 27.1600,
73.1712

■ 53.6201, 26.1902,
70.7476

■ 53.5197, 26.0874,
70.4117

Harmonies

Analogous

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



74.4021, 71.7407, 113.2557



79.3678, 71.7407, 97.6599



81.3078, 71.7407, 78.5919

Triad

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



79.3678, 71.7407, 97.6599



68.3543, 71.7407, 47.7958



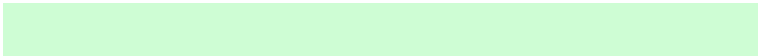
57.9598, 71.7407, 96.7031

Complementary

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



79.3678, 71.7407, 97.6599



72.4654, 88.1278, 75.4823

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.



56.5603, 71.7407, 77.6369



79.3678, 71.7407, 97.6599



62.3287, 71.7407, 51.1154

Square

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



79.3678, 71.7407, 97.6599



74.7086, 71.7407, 51.4762



58.1096, 71.7407, 61.3663



62.0571, 71.7407, 112.6451

Rectangle

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



79.3678, 71.7407, 97.6599



80.5363, 71.7407, 67.0268



58.1096, 71.7407, 61.3663



57.1701, 71.7407, 90.3598

Sweetspot

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



79.3699, 71.7438, 97.6614



90.0489, 90.4985, 105.6893



66.8068, 65.1586, 101.9854



19.1626, 19.1589, 22.5489



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.



79.3699, 71.7438, 97.6614



78.5585, 68.8281, 97.8195



76.0386, 70.4113, 80.1189



18.6870, 18.2581, 22.2347



28.5084, 13.8926, 37.6571



2.8025, 1.3634, 3.8071

Inverse Universe

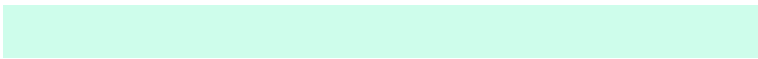
The Inverse Universe completely reimagines the original color for something new.



79.3699, 71.7438, 97.6614



78.5585, 68.8281, 97.8195



75.5744, 89.3715, 91.8542



18.6870, 18.2581, 22.2347



28.5084, 13.8926, 37.6571



2.8025, 1.3634, 3.8071

Previews

White Background



This preview shows how the XYZ color 79.3678, 71.7407, 97.6599 looks on a white background.

Color Contrast Check

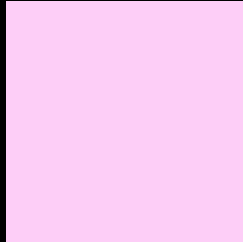
Large Text (above 18pt) WCAG AA × Fail

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 79.3678, 71.7407, 97.6599 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 79.3678, 71.7407, 97.6599

Background



This preview shows how black text looks on a background with the XYZ color 79.3678, 71.7407, 97.6599.



This preview shows how white text looks on a background with the XYZ color 79.3678, 71.7407,

97.6599.

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

79.3678, 71.7407, 97.6599

Protanopia

71.1131, 72.1792, 104.7917

Deuteranopia

73.4150, 72.0164, 96.4174



Tritanopia

76.1984, 71.9082, 81.8151

Trichromacy



Original Color

79.3678, 71.7407, 97.6599

Protanomaly

73.6122, 71.6154, 102.0388

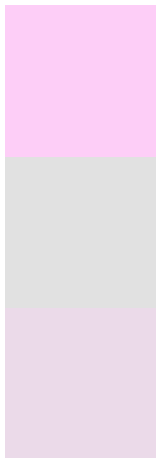
Deuteranomaly

75.4379, 71.9179, 97.0943

Tritanomaly

77.4354, 72.0507, 87.6678

Monochromacy



Original Color

79.3678, 71.7407, 97.6599

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

74.0403, 73.6882, 87.4117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3678, 71.7407, 97.6599 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 247) }
```

Border

The CSS property to change the border of an element to XYZ 79.3678, 71.7407, 97.6599 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, 247) }
```


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

```
.border{ border-color:rgb(253, 206, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 206, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 206, 247); box-shadow:4px 4px 4px 4px rgb(253, 206, 247) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3678, 71.7407, 97.6599 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, 247) }
```

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

```
.background{ background-color: rgb(253,  
206, 247) }
```

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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