

Converting Colors

XYZ(78.9141, 71.9877, 92.1739)

Have a look what the booklet for XYZ(78.9141, 71.9877, 92.1739) contains.

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Color

**XYZ(78.9141, 71.9877,
92.1739)**

Conversions

Conversions Part 1

Format	Color
Hex	FECFF0
RGB	254, 207, 240
RGB Percent	100%, 81%, 94%
CMY	0.0039, 0.1882, 0.0588
CMYK	0.00, 0.19, 0.06, 0.00
HSL	318°, 96%, 90%
HSV	318°, 19%, 100%
XYZ	78.9141, 71.9877, 92.1739
YIQ	224.8150, 17.4190, 20.2270

Conversions

Conversions Part 2

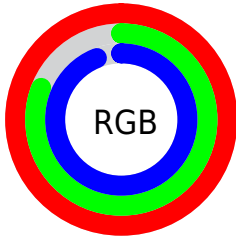
Format	Color
R _Y B	254, 207, 240
Decimal	16699376
CIE _{Lab}	87.96, 21.82, -9.95
CIE _{LCh}	88, 23.986, 335.491
Y _{xy}	71.9877, 0.3246, 0.2962
Android (android.graphics.Color)	4294889456 (0xFFFE _{CFF0})
Y _{UV}	224.8150, 7.4862, 25.5952
Hunter-Lab	84.8456, 17.5415, -5.0191

Details

The XYZ color **78.9141, 71.9877, 92.1739** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.2280, 89.3716, 81.7490**, and the grayscale version is **71.3761, 75.0933, 81.7766**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9059, 37.7875, 50.3797** is the 20% darker color. If you saturate the color by 10%, you get **72.1482, 60.2166, 84.4883**, and if you desaturate by 10%, it is **86.7210, 85.7636, 100.4394**.

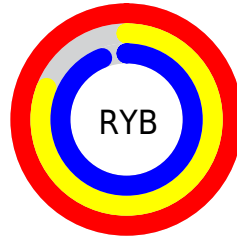
Distribution



Red (100%)

Green (81%)

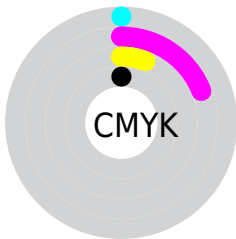
Blue (94%)



Red (100%)

Yellow (81%)

Blue (94%)

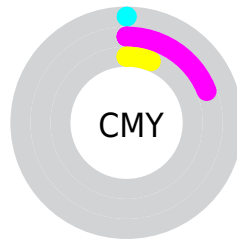


Cyan (0%)

Magenta (19%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9141, 71.9877, 92.1739 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 78.9141, 71.9877, 92.1739 by changing the saturation by 10% instead.

78.9141, 71.9877,
92.1739

78.9141, 71.9877,
92.1739

480.0582,
467.4988, 555.8289

59.1306, 53.1486,
69.2012

130.7965,
122.0390, 152.3162

42.9650, 37.9214,
50.4028

163.6261,
154.0201, 190.3229

30.0521, 25.9217,
35.3602

201.5350,
191.1506, 234.1780

20.0264, 16.7651,
23.6547

244.8887,
233.8150, 284.3001

12.5226, 10.0671,
14.8678

294.0525,
282.3976, 341.1077

7.1754, 5.4435,
8.5811

349.3918,

3.6193, 2.5098,

337.2828, 405.0193

4.3759

411.2719,
398.8551, 476.4536

■ 1.4891, 0.8815,
1.8337

■ 0.3184, 0.0000,
0.4501

■ 78.9141, 71.9877,
92.1739

■ 78.9141, 71.9877,
92.1739

■ 72.1482, 60.2166,
84.4883

■ 86.7210, 85.7636,
100.4394

■ 66.3692, 50.3461,
77.3594

94.6836, 99.8111,
108.8829

■ 61.5274, 42.2769,
70.7685

■ 57.5663, 35.8969,
64.6940

■ 54.4232, 31.0814,
59.1120

■ 52.0263, 27.6882,
53.9956

■ 50.2913, 25.5492,
49.3136

■ 49.0989, 24.4273,
45.0231

■ 48.9431, 24.2989,
44.4060

Harmonies

Analogous

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



75.0013, 71.9877, 106.8954



78.9141, 71.9877, 92.1739



79.9520, 71.9877, 75.4099

Triad

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



78.9141, 71.9877, 92.1739



67.3762, 71.9877, 51.0473



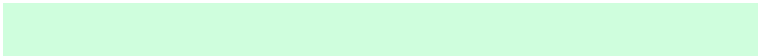
59.8605, 71.9877, 98.1069

Complementary

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



78.9141, 71.9877, 92.1739



74.2280, 89.3716, 81.7490

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.



58.0578, 71.9877, 81.4320



78.9141, 71.9877, 92.1739



62.2395, 71.9877, 55.4522

Square

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



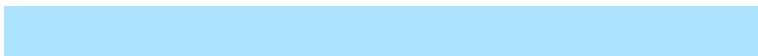
78.9141, 71.9877, 92.1739



73.0820, 71.9877, 53.0959



58.9040, 71.9877, 66.0401



63.9647, 71.9877, 110.6410

Rectangle

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



78.9141, 71.9877, 92.1739



78.8266, 71.9877, 65.6052



58.9040, 71.9877, 66.0401



58.9760, 71.9877, 92.7193

Sweetspot

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



78.9162, 71.9909, 92.1754



89.6366, 90.3336, 103.5181



69.8164, 67.0501, 103.0295



19.0649, 19.1198, 22.0346



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.



78.9162, 71.9909, 92.1754



77.1153, 68.2508, 90.2200



75.7367, 70.7191, 75.4324



18.5486, 18.2027, 21.5059



25.8711, 12.8378, 23.7697



2.5671, 1.2692, 2.5680

Inverse Universe

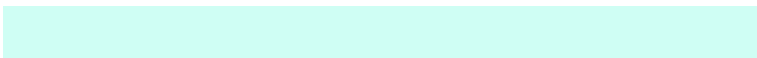
The Inverse Universe completely reimagines the original color for something new.



78.9162, 71.9909, 92.1754



77.1153, 68.2508, 90.2200



77.4777, 90.6715, 98.8619



18.5486, 18.2027, 21.5059



25.8711, 12.8378, 23.7697



2.5671, 1.2692, 2.5680

Previews

White Background



This preview shows how the XYZ color 78.9141, 71.9877, 92.1739 looks on a white background.

Color Contrast Check

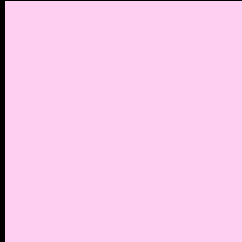
Large Text (above 18pt) WCAG AA × Fail

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 78.9141, 71.9877, 92.1739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

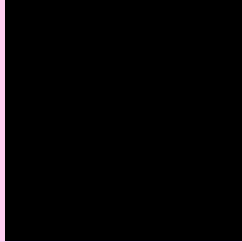
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9141, 71.9877, 92.1739

Background



This preview shows how black text looks on a background with the XYZ color 78.9141, 71.9877, 92.1739.



This preview shows how white text looks on a background with the XYZ color 78.9141, 71.9877,

92.1739.

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

78.9141, 71.9877, 92.1739

Protanopia

70.8901, 72.1921, 99.0051

Deuteranopia

73.8121, 72.3253, 91.7312



Tritanopia

76.6728, 71.7874, 81.7668

Trichromacy



Original Color

78.9141, 71.9877, 92.1739

Protanomaly

73.4150, 72.0164, 96.4174

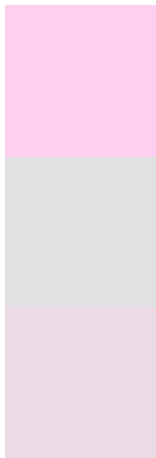
Deuteranomaly

75.3991, 72.0197, 91.5886

Tritanomaly

77.4877, 71.7639, 85.3691

Monochromacy



Original Color

78.9141, 71.9877, 92.1739

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.9464, 73.6888, 85.1889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9141, 71.9877, 92.1739 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(254, 207, 240)` looks like.

```
.text, #text, p{  
    color:rgb(254, 207, 240)  
}
```

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(254, 207, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 207, 240) }
```

Border

The CSS property to change the border of an element to XYZ 78.9141, 71.9877, 92.1739 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(254, 207, 240) }
```


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

```
.border{ border-color:rgb(254, 207, 240) }
```

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

Here you see how a box with a 4 pixel rgb(254, 207, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 207, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 207, 240);  
box-shadow:4px 4px 4px 4px rgb(254, 207,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9141, 71.9877, 92.1739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 207, 240) }
```

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

```
.background{ background-color: rgb(254,  
207, 240) }
```

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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