

Converting Colors

XYZ(79.2139, 71.6791, 96.8492)

Have a look what the booklet for
XYZ(79.2139, 71.6791, 96.8492)
contains.

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Color

**XYZ(79.2139, 71.6791,
96.8492)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCEF6
RGB	253, 206, 246
RGB Percent	99%, 81%, 96%
CMY	0.0078, 0.1921, 0.0353
CMYK	0.00, 0.19, 0.03, 0.01
HSL	309°, 92%, 90%
HSV	309°, 19%, 99%
XYZ	79.2139, 71.6791, 96.8492
YIQ	224.6130, 15.1720, 22.4040

Conversions

Conversions Part 2

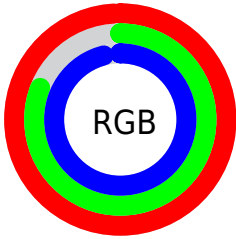
Format	Color
R _Y B	253, 206, 246
Decimal	16633590
CIE Lab	87.81, 23.06, -13.35
CIE LCh	88, 26.647, 329.927
Yxy	71.6791, 0.3197, 0.2893
Android (android.graphics.Color)	4294823670 (0xFFFDCEF6)
YUV	224.6130, 10.5438, 24.8954
Hunter-Lab	84.6635, 18.8492, -8.5592

Details

The XYZ color **79.2139, 71.6791, 96.8492** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.5920, 88.1786, 76.1490**, and the grayscale version is **71.2113, 74.9198, 81.5877**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1258, 37.5867, 53.6972** is the 20% darker color. If you saturate the color by 10%, you get **73.0347, 60.2359, 91.9651**, and if you desaturate by 10%, it is **86.3895, 85.0939, 102.1250**.

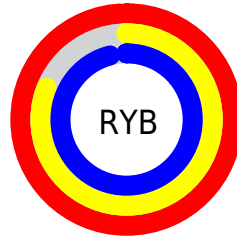
Distribution



Red (99%)

Green (81%)

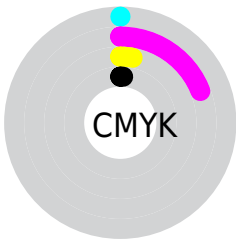
Blue (96%)



Red (99%)

Yellow (81%)

Blue (96%)

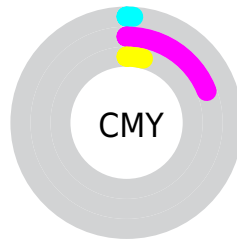


Cyan (0%)

Magenta (19%)

Yellow (3%)

Black (1%)



Cyan (1%)

Magenta (19%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2139, 71.6791, 96.8492 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 79.2139, 71.6791, 96.8492 by changing the saturation by 10% instead.

79.2139, 71.6791,
96.8492

79.2139, 71.6791,
96.8492

481.0566,
466.4239, 571.2031

59.3779, 52.8966,
73.0697

131.2163,
121.6002, 158.8344

43.1650, 37.7202,
53.5408

164.1134,
153.5075, 197.8771

30.2097, 25.7656,
37.8439

202.0950,
190.5586, 242.8446

20.1466, 16.6484,
25.5607

245.5263,
233.1378, 294.1554

12.6106, 9.9841,
16.2725

294.7728,
281.6296, 352.2282

7.2361, 5.3884,
9.5607

350.1998,

3.6578, 2.4769,

336.4182, 417.4813

5.0069

412.1726,
397.8882, 490.3334

■ 1.5104, 0.8650,
2.1925

■ 0.3329, 0.0000,
0.6700

■ 79.2139, 71.6791,
96.8492

■ 79.2139, 71.6791,
96.8492

■ 73.0347, 60.2359,
91.9651

■ 86.3895, 85.0939,
102.1250

■ 67.7984, 50.6612,
87.4521

■ 94.0841, 99.5292,
107.6312

■ 63.4567, 42.8568,
83.2945

■ 94.3186, 99.6229,
108.8658

■ 59.9538, 36.7118,
79.4734

■ 57.2281, 32.1028,
75.9679

■ 55.2092, 28.8891,
72.7541

■ 53.8137, 26.9043,
69.8041

■ 52.9233, 25.9114,
67.0779

■ 52.8149, 25.8055,
66.7001

Harmonies

Analogous

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



74.3833, 71.6791, 112.3218



79.2139, 71.6791, 96.8492



81.0394, 71.6791, 78.0908

Triad

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



79.2139, 71.6791, 96.8492



68.1443, 71.6791, 48.1205



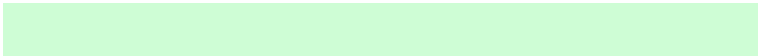
58.1154, 71.6791, 96.7604

Complementary

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



79.2139, 71.6791, 96.8492



72.5920, 88.1786, 76.1490

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.



56.6679, 71.6791, 78.0020



79.2139, 71.6791, 96.8492



62.2352, 71.6791, 51.5666

Square

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



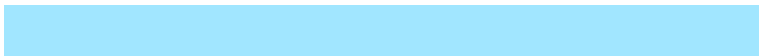
79.2139, 71.6791, 96.8492



74.4117, 71.6791, 51.6003



58.1294, 71.6791, 61.8497



62.2099, 71.6791, 112.2652

Rectangle

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



79.2139, 71.6791, 96.8492



80.2240, 71.6791, 66.7586



58.1294, 71.6791, 61.8497



57.3149, 71.6791, 90.5397

Sweetspot

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



79.2160, 71.6822, 96.8507



89.9970, 90.4778, 105.4162



67.0324, 65.2748, 101.9961



19.1503, 19.1540, 22.4842



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.



79.2160, 71.6822, 96.8507



78.3740, 68.7543, 96.8477



75.9326, 70.3689, 79.5606



18.6695, 18.2511, 22.1427



28.1384, 13.7446, 35.7087



2.7700, 1.3504, 3.6360

Inverse Universe

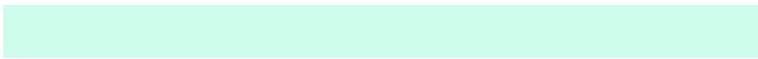
The Inverse Universe completely reimagines the original color for something new.



79.2160, 71.6822, 96.8507



78.3740, 68.7543, 96.8477



75.6879, 89.4169, 92.4516



18.6695, 18.2511, 22.1427



28.1384, 13.7446, 35.7087



2.7700, 1.3504, 3.6360

Previews

White Background



This preview shows how the XYZ color 79.2139, 71.6791, 96.8492 looks on a white background.

Color Contrast Check

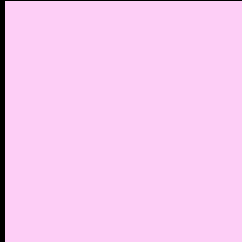
Large Text (above 18pt) WCAG AA × Fail

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 79.2139, 71.6791, 96.8492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

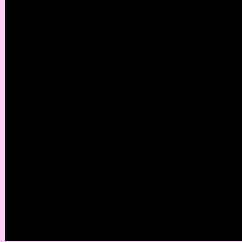
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2139, 71.6791, 96.8492

Background



This preview shows how black text looks on a background with the XYZ color 79.2139, 71.6791, 96.8492.



This preview shows how white text looks on a background with the XYZ color 79.2139, 71.6791,

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

79.2139, 71.6791, 96.8492

Protanopia

70.9525, 72.1149, 103.9459

Deuteranopia

73.3307, 71.6137, 95.5458



Tritanopia

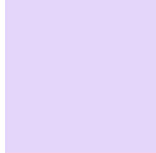
75.9523, 71.4159, 81.7330

Trichromacy



Original Color

79.2139, 71.6791, 96.8492



Protanomaly

73.4541, 71.5521, 101.2063



Deuteranomaly

75.3723, 71.5318, 96.2207



Tritanomaly

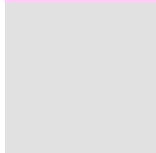
77.0475, 71.5042, 86.8316

Monochromacy



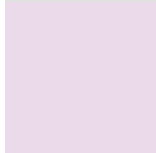
Original Color

79.2139, 71.6791, 96.8492



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 79.2139, 71.6791, 96.8492 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 246) }
```

Border

The CSS property to change the border of an element to XYZ 79.2139, 71.6791, 96.8492 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, 246) }
```


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

```
.border{ border-color:rgb(253, 206, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 206, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 206, 246);  
box-shadow:4px 4px 4px 4px rgb(253, 206,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2139, 71.6791, 96.8492 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, 246) }
```

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

```
.background{ background-color: rgb(253,  
206, 246) }
```

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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