

Converting Colors

XYZ(79.2806, 71.3734, 97.0105)

Have a look what the booklet for
XYZ(79.2806, 71.3734, 97.0105)
contains.

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Color

**XYZ(79.3389, 71.3873,
96.7863)**

Conversions

Conversions Part 1

Format	Color
Hex	FECDF6
RGB	254, 205, 246
RGB Percent	100%, 80%, 96%
CMY	0.0039, 0.1961, 0.0353
CMYK	0.00, 0.19, 0.03, 0.00
HSL	310°, 96%, 90%
HSV	310°, 19%, 100%
XYZ	79.3389, 71.3873, 96.7863
YIQ	224.3250, 16.0430, 23.1390

Conversions

Conversions Part 2

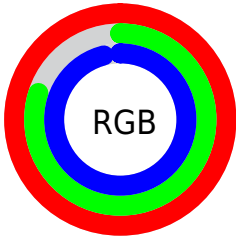
Format	Color
RYB	254, 205, 246
Decimal	16698870
CIELab	87.67, 23.92, -13.55
CIELCh	88, 27.490, 330.457
Yxy	71.3873, 0.3205, 0.2884
Android (android.graphics.Color)	4294888950 (0xFFFECD6)
YUV	224.3250, 10.6858, 26.0250
Hunter-Lab	84.4910, 19.7561, -8.7743

Details

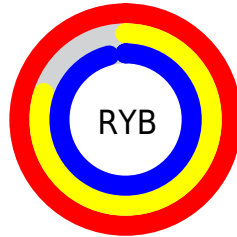
The XYZ color **79.3389, 71.3873, 96.7863** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.6317, 88.6689, 76.2414**, and the grayscale version is **71.0036, 74.7014, 81.3498**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2266, 37.4007, 53.6560** is the 20% darker color. If you saturate the color by 10%, you get **73.1204, 59.9567, 91.6083**, and if you desaturate by 10%, it is **86.5621, 84.8024, 102.3709**.

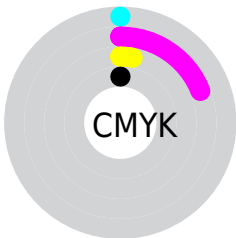
Distribution



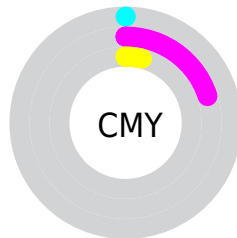
- Red (100%)
- Green (80%)
- Blue (96%)



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



- Cyan (0%)
- Magenta (19%)
- Yellow (3%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3389, 71.3873, 96.7863 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 79.3389, 71.3873, 96.7863 by changing the saturation by 10% instead.

79.3389, 71.3873,
96.7863

79.3389, 71.3873,
96.7863

481.4726,
465.4062, 570.9977

59.4811, 52.6583,
73.0175

131.3913,
121.1850, 158.7469

43.2484, 37.5301,
53.4984

164.3165,
153.0226, 197.7758

30.2754, 25.6182,
37.8103

202.3283,
189.9984, 242.7285

20.1968, 16.5382,
25.5348

245.7920,
232.4970, 294.0235

12.6473, 9.9058,
16.2533

295.0729,
280.9027, 352.0794

7.2614, 5.3365,
9.5473

350.5364,

3.6739, 2.4460,

335.5998, 417.3147

4.9982

412.5479,
396.9729, 490.1480

■ 1.5194, 0.8494,
2.1875

■ 0.3390, 0.0000,
0.6671

■ 79.3389, 71.3873,
96.7863

■ 79.3389, 71.3873,
96.7863

■ 73.1204, 59.9567,
91.6083

■ 86.5621, 84.8024,
102.3709

■ 67.8526, 50.4060,
86.8162

94.5704, 99.7658,
108.2870

■ 63.4862, 42.6356,
82.3937

94.6836, 99.8111,
108.8829

■ 59.9647, 36.5326,
78.3215

■ 57.2250, 31.9713,
74.5784

■ 55.1955, 28.8081,
71.1398

■ 53.7906, 26.8726,
67.9768

■ 52.8808, 25.9053,
65.0457

■ 52.8239, 25.8512,
64.8425

Harmonies

Analogous

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



74.3988, 71.3873, 112.9215



79.3389, 71.3873, 96.7863



81.1592, 71.3873, 77.4430

Triad

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



79.3389, 71.3873, 96.7863



67.7517, 71.3873, 47.0999



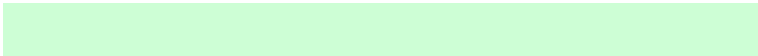
57.6196, 71.3873, 97.3607

Complementary

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



79.3389, 71.3873, 96.7863



72.6317, 88.6689, 76.2414

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.



56.0843, 71.3873, 78.0150



79.3389, 71.3873, 96.7863



61.7001, 71.3873, 50.7322

Square

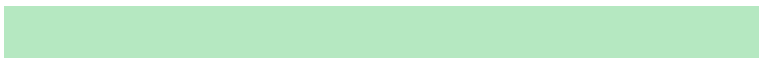
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



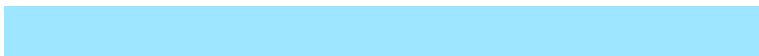
79.3389, 71.3873, 96.7863



74.2150, 71.3873, 50.5173



57.5301, 71.3873, 61.3528



61.8625, 71.3873, 113.2888

Rectangle

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



79.3389, 71.3873, 96.7863



80.2730, 71.3873, 65.8564



57.5301, 71.3873, 61.3528



56.7824, 71.3873, 90.9483

Sweetspot

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



79.3410, 71.3904, 96.7878



89.9622, 90.4638, 105.2327



66.9762, 64.8712, 102.7585



19.1421, 19.1507, 22.4407



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.



79.3410, 71.3904, 96.7878



77.6051, 67.5164, 95.6673



75.9118, 70.0187, 78.7297



18.6578, 18.2464, 22.0809



27.8959, 13.6477, 34.4319



2.7486, 1.3418, 3.5235

Inverse Universe

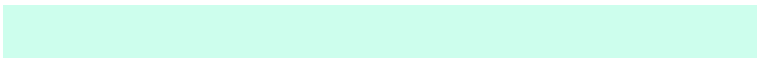
The Inverse Universe completely reimagines the original color for something new.



79.3410, 71.3904, 96.7878



77.6051, 67.5164, 95.6673



75.8853, 89.9703, 93.3746



18.6578, 18.2464, 22.0809



27.8959, 13.6477, 34.4319



2.7486, 1.3418, 3.5235

Previews

White Background



This preview shows how the XYZ color 79.3389, 71.3873, 96.7863 looks on a white background.

Color Contrast Check

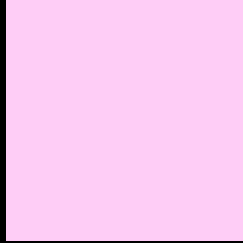
Large Text (above 18pt) WCAG AA × Fail

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 79.3389, 71.3873, 96.7863 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 79.3389, 71.3873, 96.7863

Background



This preview shows how black text looks on a background with the XYZ color 79.3389, 71.3873, 96.7863.



This preview shows how white text looks on a background with the XYZ color 79.3389, 71.3873,

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

79.3389, 71.3873, 96.7863

Protanopia

70.8530, 71.6589, 104.7049

Deuteranopia

73.0088, 71.4478, 95.5308



Tritanopia

76.1747, 71.5464, 81.0292

Trichromacy



Original Color

79.3389, 71.3873, 96.7863

Protanomaly

73.6780, 71.2748, 101.9696

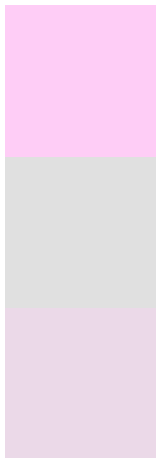
Deuteranomaly

75.3723, 71.5318, 96.2207

Tritanomaly

77.4087, 71.6904, 86.8485

Monochromacy



Original Color

79.3389, 71.3873, 96.7863

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.6393, 73.1141, 86.5751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3389, 71.3873, 96.7863 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, 205, 246)` looks like.

```
.text, #text, p{  
    color:rgb(254, 205, 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(254, 205, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 205, 246) }
```

Border

The CSS property to change the border of an element to XYZ 79.3389, 71.3873, 96.7863 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, 205, 246) }
```


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

```
.border{ border-color:rgb(254, 205, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 205, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 205, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 205, 246);  
box-shadow:4px 4px 4px 4px rgb(254, 205,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3389, 71.3873, 96.7863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 205, 246) }
```

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

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