

Converting Colors

XYZ(79.6642, 71.1783, 97.7600)

Have a look what the booklet for
XYZ(79.6642, 71.1783, 97.7600)
contains.

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Color

**XYZ(79.6214, 71.1611,
97.5347)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCF7
RGB	255, 204, 247
RGB Percent	100%, 80%, 97%
CMY	0.0000, 0.2000, 0.0314
CMYK	0.00, 0.20, 0.03, 0.00
HSL	309°, 100%, 90%
HSV	309°, 20%, 100%
XYZ	79.6214, 71.1611, 97.5347
YIQ	224.1510, 16.5930, 24.1850

Conversions

Conversions Part 2

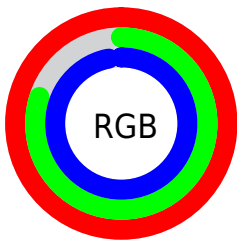
Format	Color
R _Y B	255, 204, 247
Decimal	16764151
CIE Lab	87.56, 24.95, -14.24
CIE LCh	88, 28.723, 330.285
Yxy	71.1611, 0.3206, 0.2866
Android (android.graphics.Color)	4294954231 (0xFFFFCCF7)
YUV	224.1510, 11.2646, 27.0546
Hunter-Lab	84.3570, 20.8545, -9.5019

Details

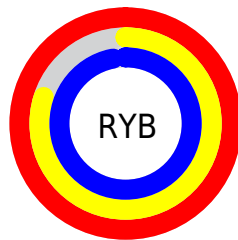
The XYZ color **79.6214, 71.1611, 97.5347** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.5476, 89.1119, 75.6669**, and the grayscale version is **70.8746, 74.5656, 81.2019**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5990, 37.5800, 54.2460** is the 20% darker color. If you saturate the color by 10%, you get **73.4391, 59.7736, 92.4620**, and if you desaturate by 10%, it is **86.8122, 84.5440, 103.0108**.

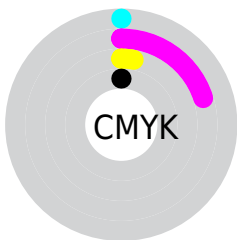
Distribution



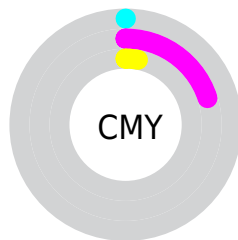
- Red (100%)
- Green (80%)
- Blue (97%)



- Red (100%)
- Yellow (80%)
- Blue (97%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6214, 71.1611, 97.5347 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 79.6214, 71.1611, 97.5347 by changing the saturation by 10% instead.


 79.6214, 71.1611,
97.5347

 79.6214, 71.1611,
97.5347


482.4120,
464.6164, 573.4384

 59.7142, 52.4737,
73.6379


131.7866,
120.8631, 159.7874

 43.4369, 37.3828,
54.0027


164.7754,
152.6464, 198.9803

 30.4241, 25.5040,
38.2107


202.8555,
189.5639, 244.1090

 20.3104, 16.4529,
25.8431

246.3921,
231.9998, 295.5921

 12.7304, 9.8452,
16.4816

295.7508,
280.3387, 353.8480

 7.3189, 5.2965,
9.7076

351.2967,

 3.7104, 2.4222,

334.9648, 419.2953

5.1024

413.3953,
396.2625, 492.3526

■ 1.5397, 0.8373,
2.2477

■ 0.3526, 0.0000,
0.7017

■ 79.6214, 71.1611,
97.5347

■ 79.6214, 71.1611,
97.5347

■ 73.4391, 59.7736,
92.4620

■ 86.8122, 84.5440,
103.0108

■ 68.2124, 50.2764,
87.7719

95.0500, 100.0000,
108.9000

■ 63.8905, 42.5680,
83.4478

■ 60.4160, 36.5335,
79.4703

■ 57.7249, 32.0450,
75.8177

■ 55.7437, 28.9560,
72.4650

■ 54.3851, 27.0917,
69.3826

■ 53.5062, 26.1666,
66.5226

■ 53.5060, 26.1664,
66.5220

Harmonies

Analogous

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



74.4367, 71.1611, 114.4649



79.6214, 71.1611, 97.5347



81.5508, 71.1611, 77.2967

Triad

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



79.6214, 71.1611, 97.5347



67.5717, 71.1611, 45.7828



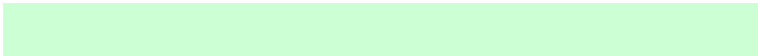
56.9768, 71.1611, 97.9102

Complementary

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



79.6214, 71.1611, 97.5347



72.5476, 89.1119, 75.6669

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.



55.4024, 71.1611, 77.6682



79.6214, 71.1611, 97.5347



61.2636, 71.1611, 49.4705

Square

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



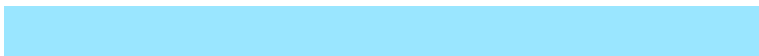
79.6214, 71.1611, 97.5347



74.3170, 71.1611, 49.3329



56.9190, 71.1611, 60.3859



61.3688, 71.1611, 114.7060

Rectangle

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



79.6214, 71.1611, 97.5347



80.6371, 71.1611, 65.2285



56.9190, 71.1611, 60.3859



56.1142, 71.1611, 91.1821

Sweetspot

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



79.6229, 71.1639, 97.5362



89.9778, 90.4701, 105.3150



66.6962, 64.3542, 103.5141



19.1458, 19.1522, 22.4602



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.



79.6229, 71.1639, 97.5362



77.0300, 66.3717, 95.4582



75.9994, 69.7145, 78.4551



18.6630, 18.2485, 22.1086



28.0040, 13.6909, 35.0013



2.7581, 1.3456, 3.5738

Inverse Universe

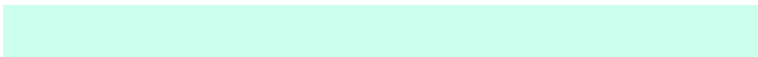
The Inverse Universe completely reimagines the original color for something new.



79.6229, 71.1639, 97.5362



77.0300, 66.3717, 95.4582



75.9717, 90.4815, 93.6978



18.6630, 18.2485, 22.1086



28.0040, 13.6909, 35.0013



2.7581, 1.3456, 3.5738

Previews

White Background



This preview shows how the XYZ color 79.6214, 71.1611, 97.5347 looks on a white background.

Color Contrast Check

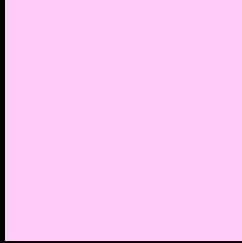
Large Text (above 18pt) WCAG AA × Fail

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 79.6214, 71.1611, 97.5347 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 79.6214, 71.1611, 97.5347

Background



This preview shows how black text looks on a background with the XYZ color 79.6214, 71.1611, 97.5347.



This preview shows how white text looks on a background with the XYZ color 79.6214, 71.1611,

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

79.6214, 71.1611, 97.5347

Protanopia

70.5620, 71.5089, 104.6913

Deuteranopia

72.8411, 71.3437, 96.3178



Tritanopia

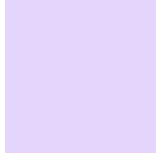
76.1553, 71.1890, 80.2480

Trichromacy



Original Color

79.6214, 71.1611, 97.5347



Protanomaly

73.3598, 71.1108, 101.9547



Deuteranomaly

74.9410, 70.9242, 96.9287



Tritanomaly

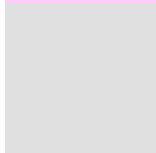
77.3863, 71.3345, 86.0342

Monochromacy



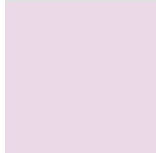
Original Color

79.6214, 71.1611, 97.5347



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 79.6214, 71.1611, 97.5347 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(255, 204, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 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(255, 204, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 247) }
```

Border

The CSS property to change the border of an element to XYZ 79.6214, 71.1611, 97.5347 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(255, 204, 247) }
```


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

```
.border{ border-color:rgb(255, 204, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6214, 71.1611, 97.5347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 247) }
```

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

```
.background{ background-color: rgb(255,  
204, 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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