

Converting Colors

XYZ(81.1527, 71.8836,
113.5459)

Have a look what the booklet for
XYZ(81.1527, 71.8836, 113.5459)
contains.

XYZ(79.3057, 71.2066, 104.1721)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.3057, 71.2066,
104.1721)**

Conversions

Conversions Part 1

Format	Color
Hex	FACDFF
RGB	250, 205, 255
RGB Percent	98%, 80%, 100%
CMY	0.0196, 0.1961, 0.0000
CMYK	0.02, 0.20, 0.00, 0.00
HSL	294°, 100%, 90%
HSV	294°, 20%, 100%
XYZ	79.3057, 71.2066, 104.1721
YIQ	224.1550, 10.7700, 25.0900

Conversions

Conversions Part 2

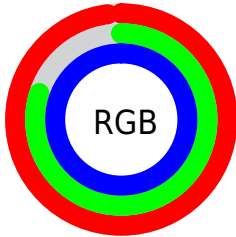
Format	Color
R _Y B	250, 205, 255
Decimal	16436735
CIE Lab	87.59, 24.23, -18.48
CIE LCh	88, 30.469, 322.668
Yxy	71.2066, 0.3114, 0.2796
Android (android.graphics.Color)	4294626815 (0xFFFA ^C DFF)
YUV	224.1550, 15.2066, 22.6661
Hunter-Lab	84.3840, 20.0857, -14.1247

Details

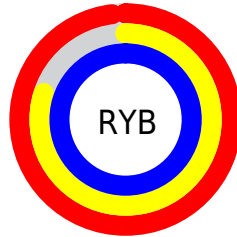
The XYZ color **79.3057, 71.2066, 104.1721** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.3594, 89.6302, 71.1949**, and the grayscale version is **70.8534, 74.5433, 81.1776**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2520, 37.5479, 58.3939** is the 20% darker color. If you saturate the color by 10%, you get **72.7892, 59.5197, 102.2598**, and if you desaturate by 10%, it is **86.8325, 84.8939, 106.4173**.

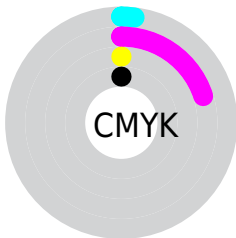
Distribution



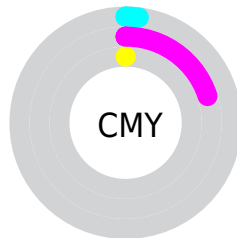
- Red (98%)
- Green (80%)
- Blue (100%)



- Red (98%)
- Yellow (80%)
- Blue (100%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3057, 71.2066, 104.1721 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 79.3057, 71.2066, 104.1721 by changing the saturation by 10% instead.

79.3057, 71.2066,
104.1721

79.3057, 71.2066,
104.1721

481.3622,
464.7753, 594.8481

59.4537, 52.5108,
79.1532

131.3448,
120.9279, 168.9806

43.2262, 37.4124,
58.4997

164.2626,
152.7221, 209.6072

30.2579, 25.5270,
41.7931

202.2664,
189.6513, 256.2734

20.1835, 16.4701,
28.6150

245.7214,
232.0999, 309.3979

12.6375, 9.8574,
18.5467

294.9932,
280.4521, 369.3990

7.2547, 5.3045,
11.1697

350.4470,

3.6696, 2.4270,

335.0925, 436.6954

6.0655

412.4482,
396.4055, 511.7056

■ 1.5170, 0.8397,
2.8155

■ 0.3373, 0.0000,
1.0012

■ 79.3057, 71.2066,
104.1721

■ 79.3057, 71.2066,
104.1721

■ 72.7892, 59.5197,
102.2598

■ 86.8325, 84.8939,
106.4173

■ 67.2290, 49.7281,
100.6629

95.0500, 100.0000,
108.9000

■ 62.5749, 41.7305,
99.3645

■ 58.7698, 35.4127,
98.3456

■ 55.7499, 30.6473,
97.5849

■ 53.4423, 27.2887,
97.0583

■ 51.7604, 25.1635,
96.7367

■ 50.5683, 24.0000,
96.5750

■ 50.5252, 23.9616,
96.5698

Harmonies

Analogous

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



73.1614, 71.2066, 120.2159



79.3057, 71.2066, 104.1721



82.3735, 71.2066, 82.7071

Triad

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



79.3057, 71.2066, 104.1721



69.4634, 71.2066, 44.4582



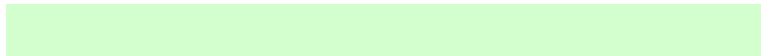
55.6824, 71.2066, 93.8527

Complementary

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



79.3057, 71.2066, 104.1721



73.3594, 89.6302, 71.1949

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.



54.8463, 71.2066, 72.5772



79.3057, 71.2066, 104.1721



62.4790, 71.2066, 46.3769

Square

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



79.3057, 71.2066, 104.1721



76.4349, 71.2066, 50.0658



57.2494, 71.2066, 55.8712



59.6200, 71.2066, 113.5585

Rectangle

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



79.3057, 71.2066, 104.1721



82.1184, 71.2066, 69.1510



57.2494, 71.2066, 55.8712



55.0412, 71.2066, 86.5640

Sweetspot

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



79.3077, 71.2096, 104.1726



89.8013, 90.3347, 107.3110



66.2761, 66.2955, 103.9109



19.1039, 19.1201, 22.9336



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.



79.3077, 71.2096, 104.1726



76.3221, 65.8326, 103.2921



78.0683, 70.9235, 88.1739



18.6032, 18.2027, 22.7829



26.4734, 12.5580, 50.4632



2.6272, 1.2483, 4.9157

Inverse Universe

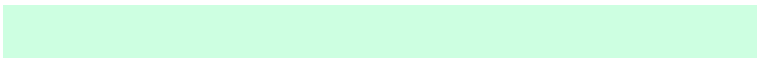
The Inverse Universe completely reimagines the original color for something new.



74.7059, 69.5786, 70.4676



70.9031, 63.9209, 63.1945



74.5294, 89.9363, 84.6678



18.0831, 18.0166, 19.0550



21.6674, 11.1562, 1.6328



2.1330, 1.0956, 0.2821

Previews

White Background



This preview shows how the XYZ color 79.3057, 71.2066, 104.1721 looks on a white background.

Color Contrast Check

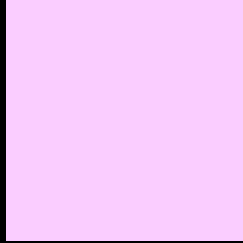
Large Text (above 18pt) WCAG AA × Fail

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 79.3057, 71.2066, 104.1721 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 79.3057, 71.2066, 104.1721

Background



This preview shows how black text looks on a background with the XYZ color 79.3057, 71.2066, 104.1721.

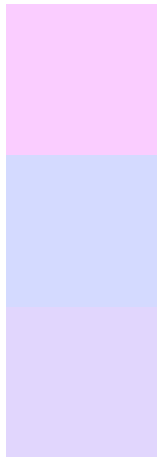


This preview shows how white text looks on a background with the XYZ color 79.3057, 71.2066,

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

79.3057, 71.2066, 104.1721

Protanopia

70.2728, 71.3599, 104.6778

Deuteranopia

72.8275, 71.1925, 102.8316



Tritanopia

74.7801, 71.1770, 81.7487

Trichromacy



Original Color

79.3057, 71.2066, 104.1721

Protanomaly

73.2083, 70.9773, 104.4492

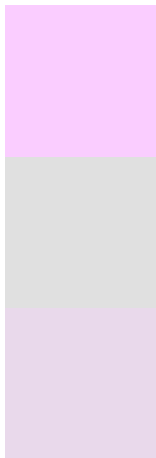
Deuteranomaly

75.1153, 71.2367, 103.5570

Tritanomaly

76.1997, 71.0003, 89.8090

Monochromacy



Original Color

79.3057, 71.2066, 104.1721

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.4125, 72.9475, 88.8083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3057, 71.2066, 104.1721 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(250, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 205, 255)  
}
```

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(250, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.3057, 71.2066, 104.1721 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(250, 205, 255) }
```


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

```
.border{ border-color:rgb(250, 205, 255) }
```

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

Here you see how a box with a 4 pixel rgb(250, 205, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3057, 71.2066, 104.1721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 205, 255) }
```

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

```
.background{ background-color: rgb(250,  
205, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor