

Converting Colors

XYZ(80.0298, 71.9397,
104.2755)

Have a look what the booklet for
XYZ(80.0298, 71.9397, 104.2755)
contains.

XYZ(79.9050, 71.8718, 104.2689) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(79.9050, 71.8718,
104.2689)**

Conversions

Conversions Part 1

Format	Color
Hex	FBCEFF
RGB	251, 206, 255
RGB Percent	98%, 81%, 100%
CMY	0.0157, 0.1921, 0.0000
CMYK	0.02, 0.19, 0.00, 0.00
HSL	295°, 100%, 90%
HSV	295°, 19%, 100%
XYZ	79.9050, 71.8718, 104.2689
YIQ	225.0410, 11.0910, 24.7790

Conversions

Conversions Part 2

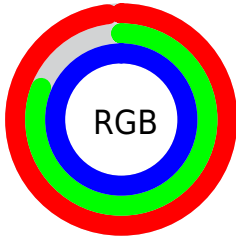
Format	Color
R _Y B	251, 206, 255
Decimal	16502527
CIE Lab	87.91, 24.02, -17.98
CIE LCh	88, 30.010, 323.182
Yxy	71.8718, 0.3121, 0.2807
Android (android.graphics.Color)	4294692607 (0xFFFBCEFF)
YUV	225.0410, 14.7698, 22.7660
Hunter-Lab	84.7772, 19.8813, -13.5777

Details

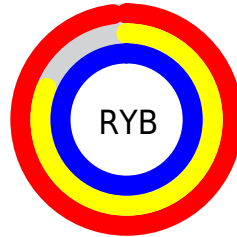
The XYZ color **79.9050, 71.8718, 104.2689** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.4806, 89.6786, 71.8329**, and the grayscale version is **71.4909, 75.2140, 81.9080**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5078, 37.6798, 58.4059** is the 20% darker color. If you saturate the color by 10%, you get **73.5123, 60.1922, 102.3515**, and if you desaturate by 10%, it is **87.3058, 85.5534, 106.5197**.

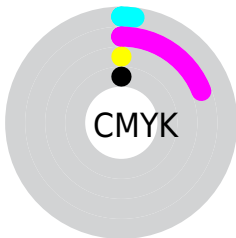
Distribution



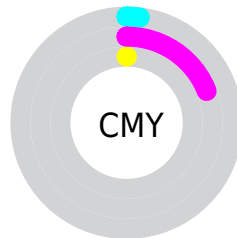
- Red (98%)
- Green (81%)
- Blue (100%)



- Red (98%)
- Yellow (81%)
- Blue (100%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9050, 71.8718, 104.2689 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 79.9050, 71.8718, 104.2689 by changing the saturation by 10% instead.


 79.9050, 71.8718,
104.2689

 79.9050, 71.8718,
104.2689


483.3540,
467.0953, 595.1573

 59.9484, 53.0540,
79.2338


132.1834,
121.8742, 169.1142

 43.6263, 37.8458,
58.5656


165.2359,
153.8276, 209.7615

 30.5735, 25.8631,
41.8458


203.3843,
190.9283, 256.4498

 20.4245, 16.7212,
28.6559

246.9941,
233.5607, 309.5979

 12.8141, 10.0359,
18.5773

296.4307,
282.1092, 369.6241

 7.3767, 5.4228,
11.1916

352.0593,

 3.7472, 2.4974,

336.9582, 436.9470

6.0800

414.2453,
398.4921, 511.9853

■ 1.5601, 0.8753,
2.8242

■ 0.3662, 0.0000,
1.0056

■ 79.9050, 71.8718,
104.2689

■ 79.9050, 71.8718,
104.2689

■ 73.5123, 60.1922,
102.3515

■ 87.3058, 85.5534,
106.5197

■ 68.0737, 50.4096,
100.7499

95.0500, 100.0000,
108.9000

■ 63.5393, 42.4232,
99.4474

■ 59.8522, 36.1193,
98.4249

■ 56.9489, 31.3709,
97.6614

■ 54.7571, 28.0334,
97.1327

■ 53.1907, 25.9348,
96.8102

■ 52.1202, 24.8161,
96.6507

■ 52.0446, 24.7449,
96.6409

Harmonies

Analogous

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



73.8613, 71.8718, 120.2603



79.9050, 71.8718, 104.2689



82.8739, 71.8718, 83.0186

Triad

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



79.9050, 71.8718, 104.2689



69.9552, 71.8718, 45.3424



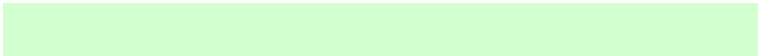
56.4505, 71.8718, 94.7803

Complementary

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



79.9050, 71.8718, 104.2689



73.4806, 89.6786, 71.8329

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.



55.5644, 71.8718, 73.6795



79.9050, 71.8718, 104.2689



63.0478, 71.8718, 47.3858

Square

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



79.9050, 71.8718, 104.2689



76.8760, 71.8718, 50.8067



57.8983, 71.8718, 56.9752



60.4089, 71.8718, 114.1493

Rectangle

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



79.9050, 71.8718, 104.2689



82.5731, 71.8718, 69.6263



57.8983, 71.8718, 56.9752



55.7953, 71.8718, 87.5712

Sweetspot

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



79.9070, 71.8748, 104.2694



89.9040, 90.3877, 107.3159



66.5735, 66.4794, 103.9307



19.1282, 19.1326, 22.9347



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.



79.9070, 71.8748, 104.2694



77.3701, 67.2215, 103.5049



78.2482, 71.3795, 87.9372



18.6378, 18.2205, 22.7845



27.2555, 12.9612, 50.4998



2.6953, 1.2834, 4.9189

Inverse Universe

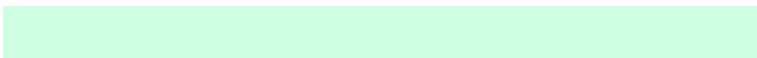
The Inverse Universe completely reimagines the original color for something new.



74.9459, 70.0586, 70.5476



71.6176, 65.1214, 64.1372



75.0003, 90.1567, 85.7030



18.0695, 18.0111, 18.9833



21.6394, 11.1451, 1.4856



2.1266, 1.0930, 0.2483

Previews

White Background



This preview shows how the XYZ color 79.9050, 71.8718, 104.2689 looks on a white background.

Color Contrast Check

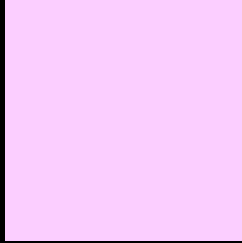
Large Text (above 18pt) WCAG AA × Fail

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 79.9050, 71.8718, 104.2689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

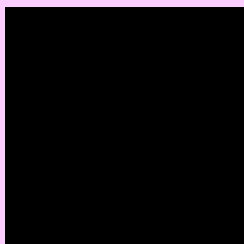
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.9050, 71.8718, 104.2689

Background



This preview shows how black text looks on a background with the XYZ color 79.9050, 71.8718, 104.2689.



This preview shows how white text looks on a background with the XYZ color 79.9050, 71.8718,

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

79.9050, 71.8718, 104.2689

Protanopia

70.8221, 72.0292, 104.7780

Deuteranopia

73.7086, 72.0236, 102.9456



Tritanopia

75.5172, 71.9087, 82.5726

Trichromacy



Original Color

79.9050, 71.8718, 104.2689

Protanomaly

73.7751, 71.6440, 104.5481

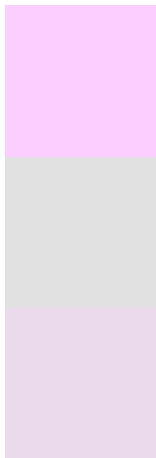
Deuteranomaly

76.0249, 72.0756, 103.6710

Tritanomaly

76.7979, 71.6718, 89.9071

Monochromacy



Original Color

79.9050, 71.8718, 104.2689

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

74.1434, 73.6914, 89.6730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9050, 71.8718, 104.2689 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(251, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 206, 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(251, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.9050, 71.8718, 104.2689 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(251, 206, 255) }
```


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

```
.border{ border-color:rgb(251, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9050, 71.8718, 104.2689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 206, 255) }
```

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

```
.background{ background-color: rgb(251,  
206, 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](#).

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