

Converting Colors

XYZ(92.7651, 76.8151,
179.8153)

Have a look what the booklet for
XYZ(92.7651, 76.8151, 179.8153)
contains.

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Color

**XYZ(78.4791, 71.1368,
104.2022)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CEFF
RGB	247, 206, 255
RGB Percent	97%, 81%, 100%
CMY	0.0314, 0.1921, 0.0000
CMYK	0.03, 0.19, 0.00, 0.00
HSL	290°, 100%, 90%
HSV	290°, 19%, 100%
XYZ	78.4791, 71.1368, 104.2022
YIQ	223.8450, 8.7070, 23.9310

Conversions

Conversions Part 2

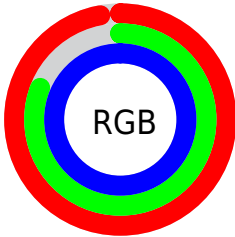
Format	Color
RYP	247, 206, 255
Decimal	16240383
CIELab	87.55, 22.73, -18.56
CIElCh	88, 29.344, 320.777
Yxy	71.1368, 0.3092, 0.2803
Android (android.graphics.Color)	4294430463 (0xFFFF7CEFF)
YUV	223.8450, 15.3594, 20.3069
Hunter-Lab	84.3426, 18.4910, -14.2108

Details

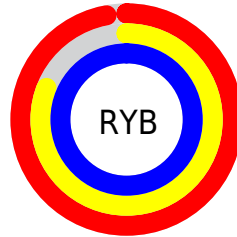
The XYZ color **78.4791, 71.1368, 104.2022** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.6339, 90.2732, 71.8869**, and the grayscale version is **70.6321, 74.3105, 80.9242**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6565, 37.4808, 58.4124** is the 20% darker color. If you saturate the color by 10%, you get **71.3801, 59.0931, 102.2517**, and if you desaturate by 10%, it is **86.6106, 85.1951, 106.4872**.

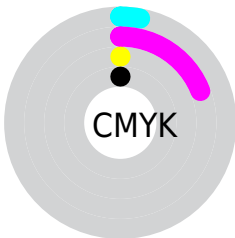
Distribution



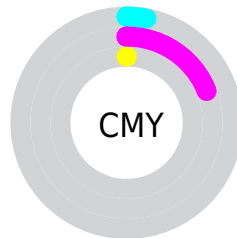
- Red (97%)
- Green (81%)
- Blue (100%)



- Red (97%)
- Yellow (81%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.4791, 71.1368, 104.2022 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 78.4791, 71.1368, 104.2022 by changing the saturation by 10% instead.

78.4791, 71.1368,
104.2022

78.4791, 71.1368,
104.2022

478.6073,
464.5315, 594.9443

58.7718, 52.4538,
79.1782

130.1871,
120.8285, 169.0221

42.6751, 37.3670,
58.5202

162.9184,
152.6060, 209.6552

29.8237, 25.4917,
41.8095

200.7219,
189.5172, 256.3283

19.8522, 16.4438,
28.6277

243.9627,
231.9464, 309.4601

12.3953, 9.8387,
18.5562

293.0063,
280.2780, 369.4690

7.0876, 5.2922,
11.1765

348.2181,

3.5638, 2.4197,

334.8965, 436.7737

6.0700

409.9633,
396.1862, 511.7926

■ 1.4584, 0.8360,
2.8182

■ 0.2973, 0.0000,
1.0026

■ 78.4791, 71.1368,
104.2022

■ 78.4791, 71.1368,
104.2022

■ 71.3801, 59.0931,
102.2517

■ 86.6106, 85.1951,
106.4872

■ 65.2597, 48.9590,
100.6182

95.0500, 100.0000,
108.9000

■ 60.0676, 40.6335,
99.2849

■ 55.7467, 34.0028,
98.2328

■ 52.2335, 28.9401,
97.4407

■ 49.4553, 25.3003,
96.8846

■ 47.3259, 22.9115,
96.5357

■ 45.7157, 21.5145,
96.3510

■ 45.5987, 21.4219,
96.3393

Harmonies

Analogous

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



72.4550, 71.1368, 118.9312



78.4791, 71.1368, 104.2022



81.6488, 71.1368, 83.7396

Triad

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



78.4791, 71.1368, 104.2022



69.7733, 71.1368, 45.5437



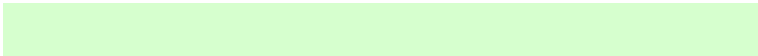
55.8961, 71.1368, 91.8087

Complementary

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



78.4791, 71.1368, 104.2022



74.6339, 90.2732, 71.8869

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.



55.2863, 71.1368, 71.4947



78.4791, 71.1368, 104.2022



62.9924, 71.1368, 46.9546

Square

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



78.4791, 71.1368, 104.2022



76.4011, 71.1368, 51.4769



57.8000, 71.1368, 55.7292



59.5268, 71.1368, 110.9690

Rectangle

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



78.4791, 71.1368, 104.2022



81.5776, 71.1368, 70.5318



57.8000, 71.1368, 55.7292



55.3413, 71.1368, 84.8189

Sweetspot

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



78.4811, 71.1398, 104.2027



89.4489, 90.1530, 107.2946



67.5951, 68.5225, 104.2713



19.0203, 19.0770, 22.9297



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.



78.4811, 71.1398, 104.2027



75.6738, 66.3471, 103.4256



78.8437, 71.6177, 91.0729



18.4844, 18.1415, 22.7774



23.9346, 11.2492, 50.3444



2.4046, 1.1335, 4.9053

Inverse Universe

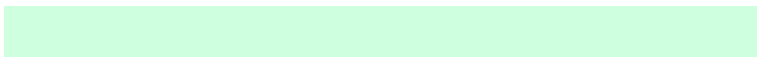
The Inverse Universe completely reimagines the original color for something new.



75.4507, 70.2605, 73.2058



72.1904, 65.3505, 67.1534



74.4452, 89.9346, 82.7798



18.1303, 18.0354, 19.3033



21.7990, 11.2089, 2.3262



2.1552, 1.1044, 0.3985

Previews

White Background



This preview shows how the XYZ color 78.4791, 71.1368, 104.2022 looks on a white background.

Color Contrast Check

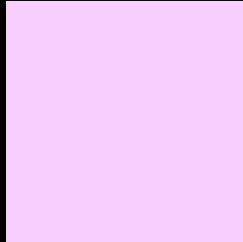
Large Text (above 18pt) WCAG AA × Fail

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 78.4791, 71.1368, 104.2022 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 78.4791, 71.1368, 104.2022

Background



This preview shows how black text looks on a background with the XYZ color 78.4791, 71.1368, 104.2022.



This preview shows how white text looks on a background with the XYZ color 78.4791, 71.1368,

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

78.4791, 71.1368, 104.2022

Protanopia

70.2728, 71.3599, 104.6778

Deuteranopia

72.8275, 71.1925, 102.8316



Tritanopia

74.1215, 71.1893, 82.5073

Trichromacy



Original Color

78.4791, 71.1368, 104.2022

Protanomaly

73.1479, 71.3207, 104.5187

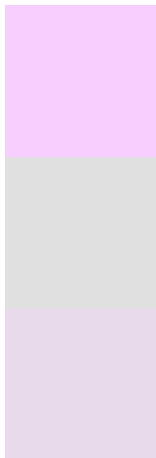
Deuteranomaly

74.7879, 71.0679, 103.5417

Tritanomaly

75.3948, 70.9484, 89.8415

Monochromacy



Original Color

78.4791, 71.1368, 104.2022

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.0870, 72.7797, 88.7930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4791, 71.1368, 104.2022 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(247, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.4791, 71.1368, 104.2022 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(247, 206, 255) }
```


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

```
.border{ border-color:rgb(247, 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(247, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4791, 71.1368, 104.2022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 206, 255) }
```

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

```
.background{ background-color: rgb(247,  
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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