

Converting Colors

XYZ(79.4827, 74.1381,
105.3687)

Have a look what the booklet for
XYZ(79.4827, 74.1381, 105.3687)
contains.

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Color

**XYZ(79.5004, 74.2210,
104.7437)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D5FF
RGB	245, 213, 255
RGB Percent	96%, 84%, 100%
CMY	0.0392, 0.1647, 0.0000
CMYK	0.04, 0.16, 0.00, 0.00
HSL	286°, 100%, 92%
HSV	286°, 16%, 100%
XYZ	79.5004, 74.2210, 104.7437
YIQ	227.3560, 5.5900, 19.8460

Conversions

Conversions Part 2

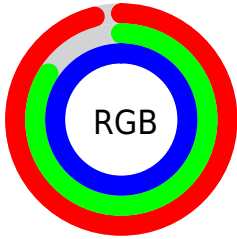
Format	Color
R _Y B	245, 213, 255
Decimal	16111103
CIE Lab	89.03, 18.40, -16.35
CIE LCh	89, 24.615, 318.371
Yxy	74.2210, 0.3076, 0.2872
Android (android.graphics.Color)	4294301183 (0xFFFF5D5FF)
YUV	227.3560, 13.6285, 15.4738
Hunter-Lab	86.1516, 13.9538, -11.7790

Details

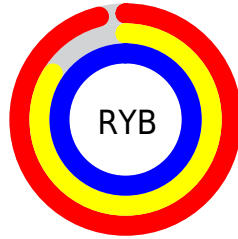
The XYZ color **79.5004, 74.2210, 104.7437** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.2036, 92.0130, 76.5930**, and the grayscale version is **73.1756, 76.9864, 83.8382**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4062, 39.3498, 58.7336** is the 20% darker color. If you saturate the color by 10%, you get **71.5009, 61.3142, 102.6741**, and if you desaturate by 10%, it is **88.5819, 89.1867, 107.1537**.

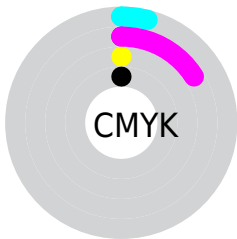
Distribution



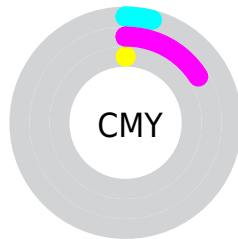
- Red (96%)
- Green (84%)
- Blue (100%)



- Red (96%)
- Yellow (84%)
- Blue (100%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5004, 74.2210, 104.7437 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 79.5004, 74.2210, 104.7437 by changing the saturation by 10% instead.

79.5004, 74.2210,
104.7437

79.5004, 74.2210,
104.7437

482.0098,
475.2358, 596.6728

59.6144, 54.9749,
79.6292

131.6173,
125.2090, 169.7695

43.3562, 39.3817,
58.8889

164.5789,
157.7198, 210.5179

30.3604, 27.0568,
42.1043

202.6297,
195.4209, 257.3146

20.2617, 17.6159,
28.8568

246.1351,
238.6968, 310.5783

12.6948, 10.6745,
18.7278

295.4605,
287.9318, 370.7274

7.2943, 5.8484,
11.2990

350.9711,

3.6948, 2.7531,

343.5104, 438.1805

6.1516

413.0325,
405.8169, 513.3561

■ 1.5309, 1.0043,
2.8672

■ 0.3467, 0.0000,
1.0272

■ 79.5004, 74.2210,
104.7437

■ 79.5004, 74.2210,
104.7437

■ 71.5009, 61.3142,
102.6741

■ 88.5819, 89.1867,
107.1537

■ 64.5296, 50.3626,
100.9276

95.0500, 100.0000,
108.9000

■ 58.5372, 41.2675,
99.4879

■ 53.4677, 33.9178,
98.3365

■ 49.2588, 28.1904,
97.4528

■ 45.8403, 23.9456,
96.8136

■ 43.1300, 21.0200,
96.3918

■ 41.0252, 19.2092,
96.1532

■ 40.3720, 18.7274,
96.0947

Harmonies

Analogous

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



74.2340, 74.2210, 116.2992



79.5004, 74.2210, 104.7437



82.4269, 74.2210, 87.6411

Triad

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



79.5004, 74.2210, 104.7437



72.8900, 74.2210, 52.6415



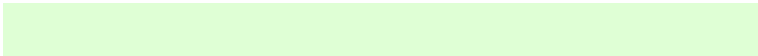
60.1778, 74.2210, 91.6519

Complementary

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



79.5004, 74.2210, 104.7437



78.2036, 92.0130, 76.5930

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.



59.8633, 74.2210, 74.3511



79.5004, 74.2210, 104.7437



66.9799, 74.2210, 53.3988

Square

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



79.5004, 74.2210, 104.7437



78.4687, 74.2210, 58.5988



62.2884, 74.2210, 60.8384



63.1732, 74.2210, 108.0351

Rectangle

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



79.5004, 74.2210, 104.7437



82.5530, 74.2210, 76.1108



62.2884, 74.2210, 60.8384



59.7615, 74.2210, 85.7072

Sweetspot

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



79.5024, 74.2241, 104.7442



90.0086, 91.5620, 107.5370



72.0148, 74.4122, 105.1751



19.1188, 19.3535, 22.9779



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.



79.5024, 74.2241, 104.7442



76.5559, 69.4351, 103.9751



81.4411, 75.4135, 96.2515



18.3452, 18.0697, 22.7709



21.2351, 9.8576, 50.2181



2.1644, 1.0097, 4.8941

Inverse Universe

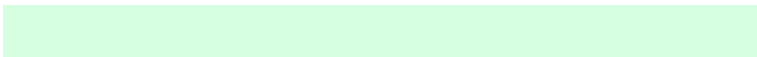
The Inverse Universe completely reimagines the original color for something new.



78.3555, 74.1792, 80.0031



75.2460, 69.4110, 74.4941



76.5896, 91.0219, 83.7013



18.1866, 18.0580, 19.5998



22.0328, 11.3024, 3.5572



2.1856, 1.1166, 0.5590

Previews

White Background



This preview shows how the XYZ color 79.5004, 74.2210, 104.7437 looks on a white background.

Color Contrast Check

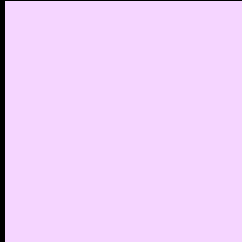
Large Text (above 18pt) WCAG AA × Fail

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 79.5004, 74.2210, 104.7437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

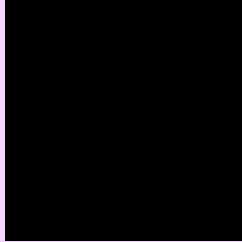
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5004, 74.2210, 104.7437

Background



This preview shows how black text looks on a background with the XYZ color 79.5004, 74.2210, 104.7437.



This preview shows how white text looks on a background with the XYZ color 79.5004, 74.2210,

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

79.5004, 74.2210, 104.7437

Protanopia

73.0847, 74.3680, 105.1102

Deuteranopia

75.9158, 74.2875, 104.1037



Tritanopia

76.2821, 74.4435, 88.1904

Trichromacy



Original Color

79.5004, 74.2210, 104.7437

Protanomaly

75.3764, 74.3770, 104.9912

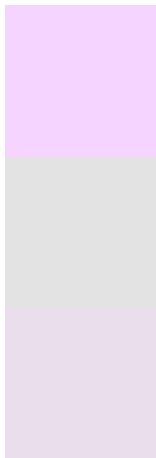
Deuteranomaly

77.0373, 74.1004, 104.0084

Tritanomaly

77.5450, 74.5772, 94.3122

Monochromacy



Original Color

79.5004, 74.2210, 104.7437

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.3390, 75.8494, 90.7904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5004, 74.2210, 104.7437 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(245, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 213, 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(245, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.5004, 74.2210, 104.7437 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(245, 213, 255) }
```


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

```
.border{ border-color:rgb(245, 213, 255) }
```

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

Here you see how a box with a 4 pixel rgb(245, 213, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5004, 74.2210, 104.7437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 213, 255) }
```

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

```
.background{ background-color: rgb(245,  
213, 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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