

Converting Colors

XYZ(79.7568, 74.3548,
104.7560)

Have a look what the booklet for
XYZ(79.7568, 74.3548, 104.7560)
contains.

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Color

**XYZ(79.8503, 74.4013,
104.7601)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D5FF
RGB	246, 213, 255
RGB Percent	96%, 84%, 100%
CMY	0.0353, 0.1647, 0.0000
CMYK	0.04, 0.16, 0.00, 0.00
HSL	287°, 100%, 92%
HSV	287°, 16%, 100%
XYZ	79.8503, 74.4013, 104.7601
YIQ	227.6550, 6.1860, 20.0580

Conversions

Conversions Part 2

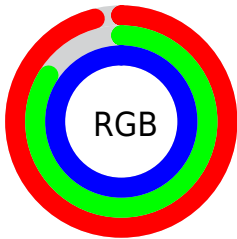
Format	Color
R _Y B	246, 213, 255
Decimal	16176639
CIE Lab	89.11, 18.72, -16.22
CIE LCh	89, 24.769, 319.104
Yxy	74.4013, 0.3083, 0.2873
Android (android.graphics.Color)	4294366719 (0xFFFF6D5FF)
YUV	227.6550, 13.4811, 16.0886
Hunter-Lab	86.2562, 14.2952, -11.6297

Details

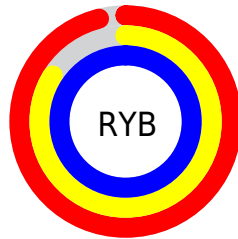
The XYZ color **79.8503, 74.4013, 104.7601** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.8962, 91.8545, 76.5785**, and the grayscale version is **73.3941, 77.2164, 84.0886**.

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 **72.0459, 61.5951, 102.6995**, and if you desaturate by 10%, it is **88.7236, 89.2596, 107.1603**.

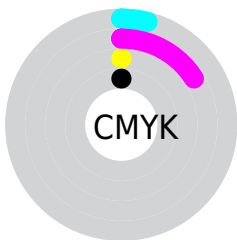
Distribution



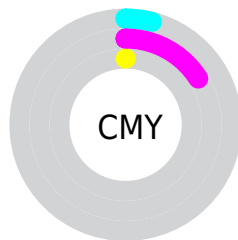
- Red (96%)
- Green (84%)
- Blue (100%)



- 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 79.8503, 74.4013, 104.7601 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 79.8503, 74.4013, 104.7601 by changing the saturation by 10% instead.

79.8503, 74.4013,
104.7601

79.8503, 74.4013,
104.7601

483.1724,
475.8572, 596.7251

59.9032, 55.1226,
79.6429

132.1069,
125.4645, 169.7921

43.5898, 39.4999,
58.9001

165.1471,
158.0178, 210.5440

30.5447, 27.1488,
42.1132

203.2823,
195.7646, 257.3445

20.4025, 17.6850,
28.8637

246.8781,
239.0895, 310.6121

12.7979, 10.7241,
18.7330

296.2996,
288.3769, 370.7655

7.3656, 5.8816,
11.3027

351.9122,

3.7401, 2.7732,

344.0110, 438.2230

6.1541

414.0814,
406.3763, 513.4034

■ 1.5562, 1.0145,
2.8687

■ 0.3636, 0.0000,
1.0280

■ 79.8503, 74.4013,
104.7601

■ 79.8503, 74.4013,
104.7601

■ 72.0459, 61.5951,
102.6995

■ 88.7236, 89.2596,
107.1603

■ 65.2568, 50.7374,
100.9616

95.0500, 100.0000,
108.9000

■ 59.4338, 41.7296,
99.5299

■ 54.5210, 34.4608,
98.3858

■ 50.4565, 28.8078,
97.5088

■ 47.1703, 24.6312,
96.8759

■ 44.5802, 21.7676,
96.4597

■ 42.5838, 20.0127,
96.2262

■ 41.9662, 19.5492,
96.1693

Harmonies

Analogous

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



74.5803, 74.4013, 116.6245



79.8503, 74.4013, 104.7601



82.7273, 74.4013, 87.4527

Triad

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



79.8503, 74.4013, 104.7601



72.9313, 74.4013, 52.5752



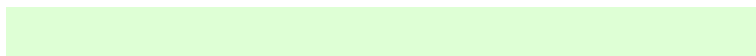
60.3134, 74.4013, 92.3747

Complementary

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



79.8503, 74.4013, 104.7601



77.8962, 91.8545, 76.5785

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.



59.9278, 74.4013, 74.8924



79.8503, 74.4013, 104.7601



66.9879, 74.4013, 53.5030

Square

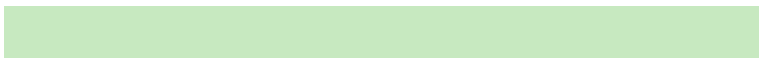
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



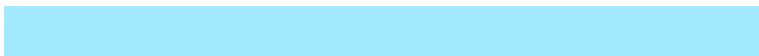
79.8503, 74.4013, 104.7601



78.5843, 74.4013, 58.4074



62.3067, 74.4013, 61.1522



63.3917, 74.4013, 108.8011

Rectangle

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



79.8503, 74.4013, 104.7601



82.7973, 74.4013, 75.8677



62.3067, 74.4013, 61.1522



59.8714, 74.4013, 86.3803

Sweetspot

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



79.8523, 74.4044, 104.7606



90.1186, 91.6187, 107.5422



71.6411, 73.6649, 105.0506



19.1456, 19.3673, 22.9791



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.



79.8523, 74.4044, 104.7606



76.9762, 69.6518, 103.9948



81.2286, 75.3284, 95.1331



18.3893, 18.0924, 22.7729



22.0592, 10.2824, 50.2566



2.2382, 1.0477, 4.8975

Inverse Universe

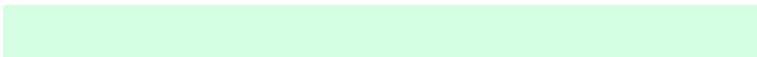
The Inverse Universe completely reimagines the original color for something new.



78.2209, 74.1253, 79.2946



75.0893, 69.3483, 73.6692



76.7796, 91.0979, 84.7024



18.1686, 18.0508, 19.5051



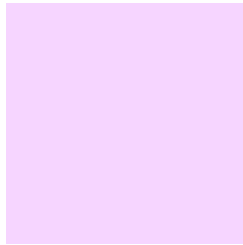
21.9487, 11.2688, 3.1141



2.1751, 1.1124, 0.5035

Previews

White Background



This preview shows how the XYZ color 79.8503, 74.4013, 104.7601 looks on a white background.

Color Contrast Check

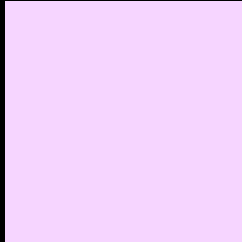
Large Text (above 18pt) WCAG AA × Fail

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 79.8503, 74.4013, 104.7601 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 79.8503, 74.4013, 104.7601

Background



This preview shows how black text looks on a background with the XYZ color 79.8503, 74.4013, 104.7601.

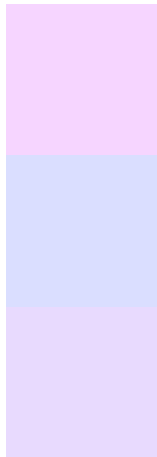


This preview shows how white text looks on a background with the XYZ color 79.8503, 74.4013,

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

79.8503, 74.4013, 104.7601

Protanopia

73.0847, 74.3680, 105.1102

Deuteranopia

76.2395, 74.4544, 104.1188



Tritanopia

76.6263, 74.6209, 88.2065

Trichromacy



Original Color

79.8503, 74.4013, 104.7601

Protanomaly

75.3764, 74.3770, 104.9912

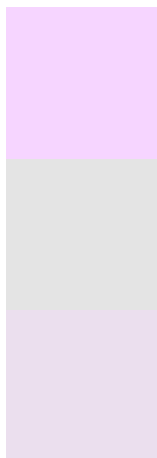
Deuteranomaly

77.3703, 74.2720, 104.0240

Tritanomaly

77.8911, 74.7556, 94.3284

Monochromacy



Original Color

79.8503, 74.4013, 104.7601

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

76.0812, 76.6106, 91.6663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8503, 74.4013, 104.7601 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(246, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.8503, 74.4013, 104.7601 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(246, 213, 255) }
```


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

```
.border{ border-color:rgb(246, 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(246, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8503, 74.4013, 104.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 255) }
```

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

```
.background{ background-color: rgb(246,  
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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