

Converting Colors

XYZ(95.1064, 81.1911,
190.3840)

Have a look what the booklet for
XYZ(95.1064, 81.1911, 190.3840)
contains.

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Color

**XYZ(78.9684, 74.6981,
104.8638)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D7FF
RGB	242, 215, 255
RGB Percent	95%, 84%, 100%
CMY	0.0510, 0.1568, 0.0000
CMYK	0.05, 0.16, 0.00, 0.00
HSL	281°, 100%, 92%
HSV	281°, 16%, 100%
XYZ	78.9684, 74.6981, 104.8638
YIQ	227.6330, 3.2520, 18.1640

Conversions

Conversions Part 2

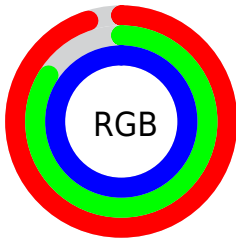
Format	Color
R _Y B	242, 215, 255
Decimal	15915007
CIE Lab	89.25, 16.38, -16.04
CIE LCh	89, 22.924, 315.596
Yxy	74.6981, 0.3055, 0.2889
Android (android.graphics.Color)	4294105087 (0xFFFF2D7FF)
YUV	227.6330, 13.4919, 12.5999
Hunter-Lab	86.4281, 11.8444, -11.4373

Details

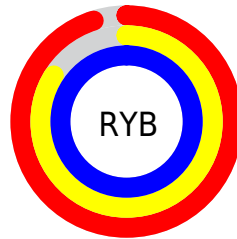
The XYZ color **78.9684, 74.6981, 104.8638** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.0224, 92.9211, 78.0115**, and the grayscale version is **73.3796, 77.2010, 84.0719**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0135, 39.6579, 58.8138** is the 20% darker color. If you saturate the color by 10%, you get **70.1946, 61.2772, 102.7358**, and if you desaturate by 10%, it is **88.8872, 90.2156, 107.3362**.

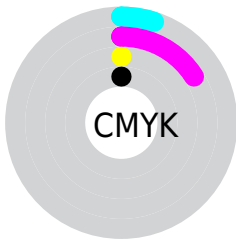
Distribution



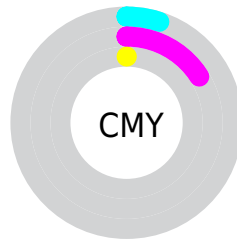
- Red (95%)
- Green (84%)
- Blue (100%)



- Red (95%)
- Yellow (84%)
- Blue (100%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9684, 74.6981, 104.8638 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 78.9684, 74.6981, 104.8638 by changing the saturation by 10% instead.

78.9684, 74.6981,
104.8638

78.9684, 74.6981,
104.8638

480.2391,
476.8793, 597.0558

59.1754, 55.3656,
79.7292

130.8725,
125.8849, 169.9352

43.0012, 39.6945,
58.9707

163.7143,
158.5080, 210.7091

30.0806, 27.3004,
42.1697

201.6365,
196.3301, 257.5333

20.0481, 17.7990,
28.9076

245.0042,
239.7356, 310.8261

12.5385, 10.8058,
18.7660

294.1830,
289.1089, 371.0063

7.1863, 5.9364,
11.3262

349.5382,

3.6263, 2.8064,

344.8343, 438.4922

6.1698

411.4351,
407.2963, 513.7026

■ 1.4930, 1.0315,
2.8781

■ 0.3210, 0.0000,
1.0327

■ 78.9684, 74.6981,
104.8638

■ 78.9684, 74.6981,
104.8638

■ 70.1946, 61.2772,
102.7358

■ 88.8872, 90.2156,
107.3362

■ 62.5112, 49.8492,
100.9349

95.0500, 100.0000,
108.9000

■ 55.8681, 40.3155,
99.4448

■ 50.2086, 32.5653,
98.2472

■ 45.4700, 26.4759,
97.3216

■ 41.5816, 21.9086,
96.6449

■ 38.4612, 18.7018,
96.1904

■ 36.0072, 16.6550,
95.9247

■ 35.0911, 16.0050,
95.8475

Harmonies

Analogous

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



73.9314, 74.6981, 114.7812



78.9684, 74.6981, 104.8638



81.9412, 74.6981, 89.2446

Triad

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



78.9684, 74.6981, 104.8638



73.7094, 74.6981, 54.9827



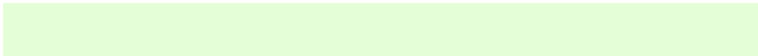
61.1282, 74.6981, 89.9053

Complementary

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



78.9684, 74.6981, 104.8638



80.0224, 92.9211, 78.0115

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.



61.0757, 74.6981, 73.9044



78.9684, 74.6981, 104.8638



68.1438, 74.6981, 55.1106

Square

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



78.9684, 74.6981, 104.8638



78.7985, 74.6981, 61.2400



63.5834, 74.6981, 61.6161



63.7306, 74.6981, 105.4020

Rectangle

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



78.9684, 74.6981, 104.8638



82.2575, 74.6981, 78.3646



63.5834, 74.6981, 61.6161



60.8165, 74.6981, 84.3765

Sweetspot

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



78.9704, 74.7012, 104.8643



89.6085, 91.3557, 107.5183



73.9121, 77.3402, 105.6403



19.0213, 19.3033, 22.9733



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.



78.9704, 74.7012, 104.8643



75.9364, 70.0229, 104.1212



82.5370, 76.6617, 99.5261



18.1852, 17.9872, 22.7634



18.4992, 8.4472, 50.0900



1.9159, 0.8816, 4.8825

Inverse Universe

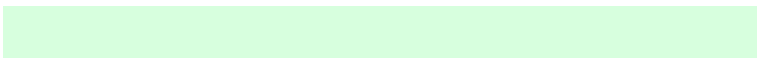
The Inverse Universe completely reimagines the original color for something new.



79.5459, 75.4652, 83.7749



76.6685, 70.9577, 78.9707



76.9267, 91.2242, 82.4299



18.2527, 18.0844, 19.9479



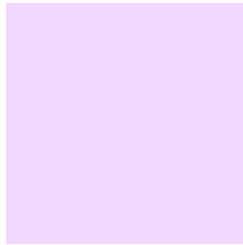
22.4225, 11.4583, 5.6096



2.2309, 1.1347, 0.7973

Previews

White Background



This preview shows how the XYZ color 78.9684, 74.6981, 104.8638 looks on a white background.

Color Contrast Check

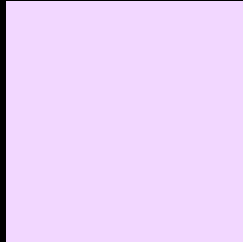
Large Text (above 18pt) WCAG AA × Fail

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 78.9684, 74.6981, 104.8638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

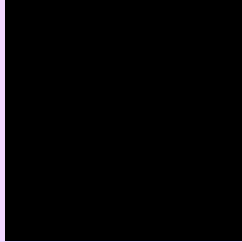
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9684, 74.6981, 104.8638

Background



This preview shows how black text looks on a background with the XYZ color 78.9684, 74.6981, 104.8638.



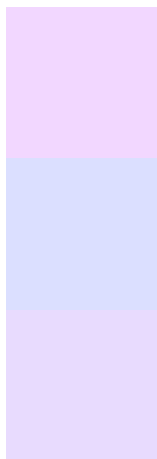
This preview shows how white text looks on a background with the XYZ color 78.9684, 74.6981,

104.8638.

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

78.9684, 74.6981, 104.8638

Protanopia

73.6511, 75.0554, 105.2131

Deuteranopia

76.4996, 74.9746, 104.2055



Tritanopia

75.8083, 74.5497, 89.7509

Trichromacy



Original Color

78.9684, 74.6981, 104.8638

Protanomaly

75.3218, 74.7373, 105.0636

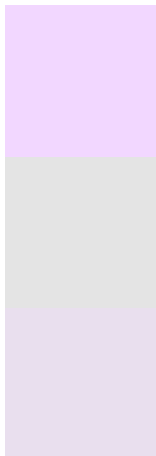
Deuteranomaly

77.5529, 75.1314, 104.1803

Tritanomaly

76.9257, 74.6220, 95.1431

Monochromacy



Original Color

78.9684, 74.6981, 104.8638

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.4246, 76.2720, 91.6356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9684, 74.6981, 104.8638 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(242, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 215, 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(242, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.9684, 74.6981, 104.8638 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(242, 215, 255) }
```


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

```
.border{ border-color:rgb(242, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9684, 74.6981, 104.8638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 215, 255) }
```

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

```
.background{ background-color: rgb(242,  
215, 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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