

Converting Colors

XYZ(82.3684, 79.1725,
104.7065)

Have a look what the booklet for
XYZ(82.3684, 79.1725, 104.7065)
contains.

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Color

**XYZ(82.3684, 79.1725,
104.7065)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DEFE
RGB	247, 222, 254
RGB Percent	97%, 87%, 100%
CMY	0.0314, 0.1294, 0.0039
CMYK	0.03, 0.13, 0.00, 0.00
HSL	287°, 94%, 93%
HSV	287°, 13%, 100%
XYZ	82.3684, 79.1725, 104.7065
YIQ	233.1230, 4.6280, 15.2520

Conversions

Conversions Part 2

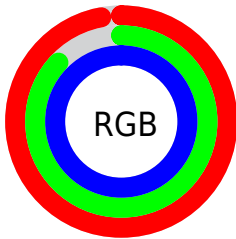
Format	Color
R _Y B	247, 222, 254
Decimal	16244478
CIE Lab	91.31, 14.15, -12.39
CIE LCh	91, 18.804, 318.790
Yxy	79.1725, 0.3094, 0.2974
Android (android.graphics.Color)	4294434558 (0xFFF7DEFE)
YUV	233.1230, 10.2924, 12.1701
Hunter-Lab	88.9789, 9.5255, -7.4846

Details

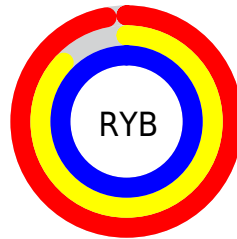
The XYZ color **82.3684, 79.1725, 104.7065** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.9428, 92.8177, 82.7608**, and the grayscale version is **77.4692, 81.5037, 88.7575**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3826, 42.7450, 58.6820** is the 20% darker color. If you saturate the color by 10%, you get **74.1940, 65.6886, 102.5359**, and if you desaturate by 10%, it is **91.6221, 94.7258, 107.2221**.

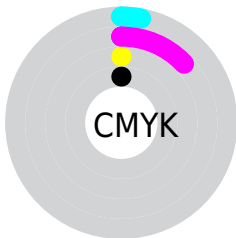
Distribution



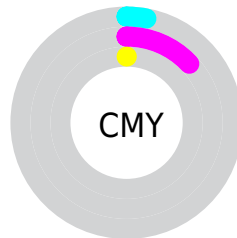
- Red (97%)
- Green (87%)
- Blue (100%)



- Red (97%)
- Yellow (87%)
- Blue (100%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.3684, 79.1725, 104.7065 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 82.3684, 79.1725, 104.7065 by changing the saturation by 10% instead.

82.3684, 79.1725,
104.7065

82.3684, 79.1725,
104.7065

491.4950,
492.1397, 596.5541

61.9844, 59.0376,
79.5982

135.6236,
132.2017, 169.7182

45.2756, 42.6434,
58.8636

169.2256,
165.8648, 210.4586

31.8768, 29.6054,
42.0840

207.9642,
204.8061, 257.2469

21.4225, 19.5393,
28.8410

252.2048,
249.4101, 310.5015

13.5474, 12.0606,
18.7160

302.3129,
300.0610, 370.6410

7.8861, 6.7850,
11.2905

358.6537,

4.0734, 3.3280,

357.1433, 438.0839

6.1460

421.5926,
421.0414, 513.2487

■ 1.7437, 1.3053,
2.8638

■ 0.4834, 0.1453,
1.0255

■ 82.3684, 79.1725,
104.7065

■ 82.3684, 79.1725,
104.7065

■ 74.1940, 65.6886,
102.5359

■ 91.6221, 94.7258,
107.2221

■ 67.0462, 54.1730,
100.6899

94.8896, 99.9359,
108.0555

■ 60.8779, 44.5314,
99.1540

■ 55.6358, 36.6577,
97.9105

■ 51.2610, 30.4349,
96.9399

■ 47.6875, 25.7319,
96.2205

■ 44.8393, 22.3973,
95.7270

■ 42.6243, 20.2479,
95.4288

■ 41.2923, 19.2204,
95.3007

Harmonies

Analogous

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



78.2459, 79.1725, 113.5584



82.3684, 79.1725, 104.7065



84.6170, 79.1725, 91.4167

Triad

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



82.3684, 79.1725, 104.7065



77.0494, 79.1725, 62.9087



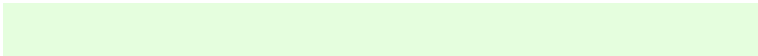
66.8930, 79.1725, 94.9512

Complementary

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



82.3684, 79.1725, 104.7065



80.9428, 92.8177, 82.7608

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.



66.6031, 79.1725, 81.1960



82.3684, 79.1725, 104.7065



72.3337, 79.1725, 63.6404

Square

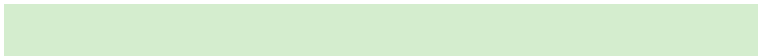
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.3684, 79.1725, 104.7065



81.4607, 79.1725, 67.9060



68.5561, 79.1725, 70.0231



69.3654, 79.1725, 107.5282

Rectangle

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



82.3684, 79.1725, 104.7065



84.6898, 79.1725, 82.2512



68.5561, 79.1725, 70.0231



66.5411, 79.1725, 90.2844

Sweetspot

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



82.3707, 79.1759, 104.7082



91.0657, 93.2431, 107.8058



76.1655, 78.9862, 104.9987



19.3357, 19.6942, 23.0322



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.



82.3707, 79.1759, 104.7082



81.0265, 76.4242, 105.0885



83.5496, 79.9380, 97.7883



18.3810, 18.0881, 22.7725



21.9007, 10.2007, 50.2492



2.2240, 1.0404, 4.8969

Inverse Universe

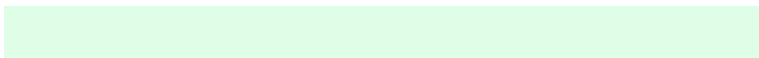
The Inverse Universe completely reimagines the original color for something new.



81.1400, 78.9742, 85.0999



79.5952, 76.1996, 81.8316



79.9268, 92.1585, 88.8354



18.1720, 18.0521, 19.5230



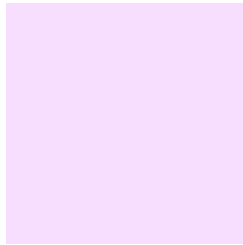
21.9639, 11.2748, 3.1942



2.1770, 1.1132, 0.5137

Previews

White Background



This preview shows how the XYZ color 82.3684, 79.1725, 104.7065 looks on a white background.

Color Contrast Check

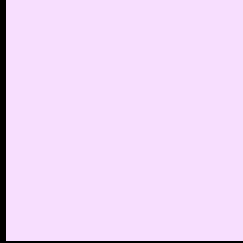
Large Text (above 18pt) WCAG AA × Fail

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 82.3684, 79.1725, 104.7065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

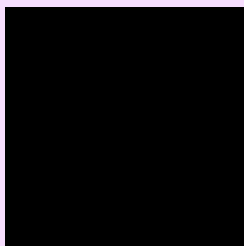
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.3684, 79.1725, 104.7065

Background



This preview shows how black text looks on a background with the XYZ color 82.3684, 79.1725, 104.7065.

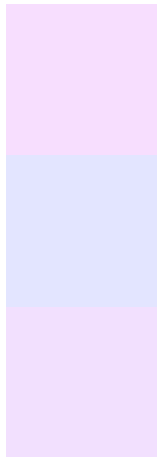


This preview shows how white text looks on a background with the XYZ color 82.3684, 79.1725,

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

82.3684, 79.1725, 104.7065

Protanopia

77.7479, 79.5895, 105.8723

Deuteranopia

81.1630, 79.3443, 104.8032



Tritanopia

80.3389, 79.1346, 95.0446

Trichromacy



Original Color

82.3684, 79.1725, 104.7065

Protanomaly

79.1780, 79.1051, 105.7034

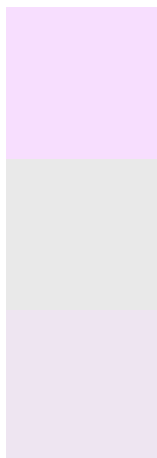
Deuteranomaly

81.5853, 79.1642, 104.7461

Tritanomaly

81.0283, 79.0220, 98.1709

Monochromacy



Original Color

82.3684, 79.1725, 104.7065

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

79.1564, 80.5666, 94.5980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3684, 79.1725, 104.7065 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, 222, 254)` looks like.

```
.text, #text, p{  
    color:rgb(247, 222, 254)  
}
```

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, 222, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 222, 254) }
```

Border

The CSS property to change the border of an element to XYZ 82.3684, 79.1725, 104.7065 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, 222, 254) }
```


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

```
.border{ border-color:rgb(247, 222, 254) }
```

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

Here you see how a box with a 4 pixel rgb(247, 222, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 222, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 222, 254);  
box-shadow:4px 4px 4px 4px rgb(247, 222,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3684, 79.1725, 104.7065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 222, 254) }
```

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

```
.background{ background-color: rgb(247,  
222, 254) }
```

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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