

Converting Colors

XYZ(85.1805, 81.8762,
108.3625)

Have a look what the booklet for
XYZ(85.1805, 81.8762, 108.3625)
contains.

XYZ(84.7589, 81.5797, 105.8869)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(84.7589, 81.5797,
105.8869)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE1FF
RGB	251, 225, 255
RGB Percent	98%, 88%, 100%
CMY	0.0157, 0.1176, 0.0000
CMYK	0.02, 0.12, 0.00, 0.00
HSL	292°, 100%, 94%
HSV	292°, 12%, 100%
XYZ	84.7589, 81.5797, 105.8869
YIQ	236.1940, 5.8660, 14.8420

Conversions

Conversions Part 2

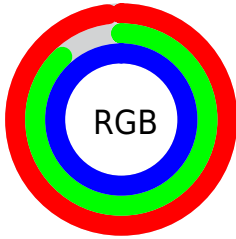
Format	Color
R _Y B	251, 225, 255
Decimal	16507391
CIE _{Lab}	92.39, 14.07, -11.27
CIE _{LCh}	92, 18.030, 321.308
Y _{xy}	81.5797, 0.3114, 0.2997
Android (android.graphics.Color)	4294697471 (0xFFFFBE1FF)
Y _{UV}	236.1940, 9.2714, 12.9849
Hunter-Lab	90.3215, 9.4442, -6.2826

Details

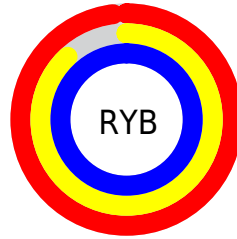
The XYZ color **84.7589, 81.5797, 105.8869** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.6658, 93.6152, 85.0036**, and the grayscale version is **79.8074, 83.9636, 91.4364**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8159, 44.2960, 59.5086** is the 20% darker color. If you saturate the color by 10%, you get **77.1606, 68.1839, 103.7017**, and if you desaturate by 10%, it is **93.4129, 97.0525, 108.4174**.

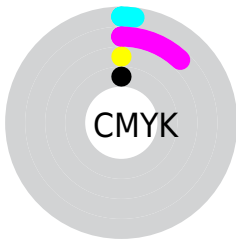
Distribution



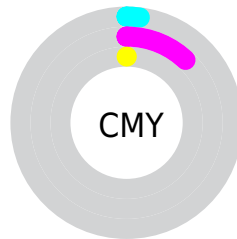
- Red (98%)
- Green (88%)
- Blue (100%)



- Red (98%)
- Yellow (88%)
- Blue (100%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.7589, 81.5797, 105.8869 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 84.7589, 81.5797, 105.8869 by changing the saturation by 10% instead.


 84.7589, 81.5797,
105.8869

 84.7589, 81.5797,
105.8869


499.3256,
500.2407, 600.3133

 63.9640, 61.0192,
80.5818


138.9520,
135.5844, 171.3461

 46.8831, 44.2406,
59.6682


173.0810,
169.7974, 212.3372

 33.1508, 30.8597,
42.7277


212.3854,
209.3300, 259.3940

 22.4018, 20.4921,
29.3417

257.2305,
254.5666, 312.9352

 14.2707, 12.7532,
19.0917

307.9817,
305.8915, 373.3791

 8.3921, 7.2588,
11.5591

365.0044,

 4.4008, 3.6245,

363.6893, 441.1444

6.3253

428.6639,
428.3442, 516.6497

■ 1.9313, 1.4658,
2.9719

■ 0.5949, 0.2645,
1.0803

■ 84.7589, 81.5797,
105.8869

■ 84.7589, 81.5797,
105.8869

■ 77.1606, 68.1839,
103.7017

■ 93.4129, 97.0525,
108.4174

■ 70.5660, 56.7639,
101.8450

95.0500, 100.0000,
108.9000

■ 64.9283, 47.2252,
100.3010

■ 60.1942, 39.4617,
99.0520

■ 56.3052, 33.3566,
98.0786

■ 53.1960, 28.7791,
97.3589

■ 50.7910, 25.5784,
96.8679

■ 48.9994, 23.5733,
96.5753

■ 47.8714, 22.5935,
96.4456

Harmonies

Analogous

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



80.8471, 81.5797, 114.9956



84.7589, 81.5797, 105.8869



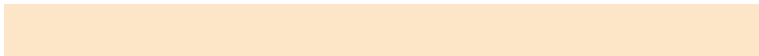
86.7557, 81.5797, 92.7685

Triad

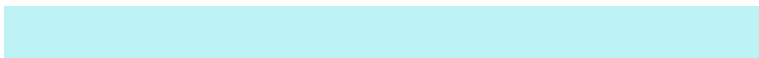
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.7589, 81.5797, 105.8869



78.9036, 81.5797, 65.7591



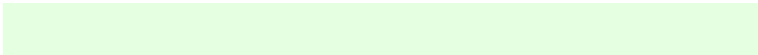
69.4729, 81.5797, 98.5001

Complementary

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



84.7589, 81.5797, 105.8869



81.6658, 93.6152, 85.0036

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.



68.9994, 81.5797, 84.9976



84.7589, 81.5797, 105.8869



74.3225, 81.5797, 66.9630

Square

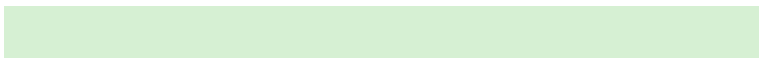
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



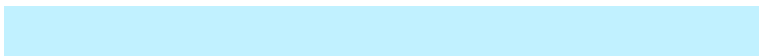
84.7589, 81.5797, 105.8869



83.2873, 81.5797, 70.2330



70.7413, 81.5797, 73.7046



72.0616, 81.5797, 110.4420

Rectangle

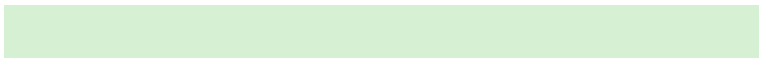
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.7589, 81.5797, 105.8869



86.6790, 81.5797, 83.8800



70.7413, 81.5797, 73.7046



69.0653, 81.5797, 93.9636

Sweetspot

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



84.7611, 81.5831, 105.8875



91.3835, 93.4069, 107.8206



77.1238, 79.2699, 105.8435



19.4164, 19.7357, 23.0360



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.



84.7611, 81.5831, 105.8875



82.9707, 78.4083, 105.3690



84.4962, 81.6453, 96.8953



18.5405, 18.1704, 22.7800



25.1064, 11.8533, 50.3992



2.5077, 1.1867, 4.9102

Inverse Universe

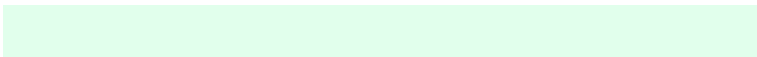
The Inverse Universe completely reimagines the original color for something new.



82.3102, 80.7709, 85.3838



80.1124, 77.4647, 81.2926



81.9540, 93.5848, 93.1039



18.1079, 18.0265, 19.1855



21.7296, 11.1811, 1.9608



2.1447, 1.1002, 0.3434

Previews

White Background



This preview shows how the XYZ color 84.7589, 81.5797, 105.8869 looks on a white background.

Color Contrast Check

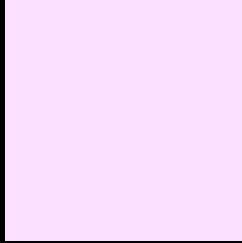
Large Text (above 18pt) WCAG AA × Fail

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 84.7589, 81.5797, 105.8869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

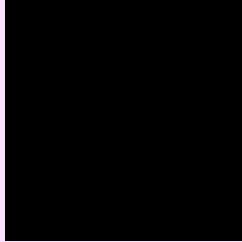
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.7589, 81.5797, 105.8869

Background



This preview shows how black text looks on a background with the XYZ color 84.7589, 81.5797, 105.8869.



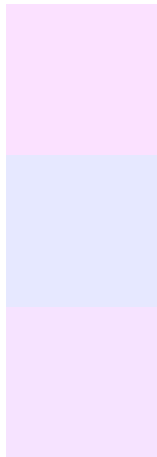
This preview shows how white text looks on a background with the XYZ color 84.7589, 81.5797,

105.8869.

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

84.7589, 81.5797, 105.8869

Protanopia

79.5397, 81.7562, 106.1961

Deuteranopia

83.5251, 81.7510, 105.9850



Tritanopia

83.0174, 81.6705, 97.7747

Trichromacy



Original Color

84.7589, 81.5797, 105.8869

Protanomaly

81.3292, 81.4358, 106.0399

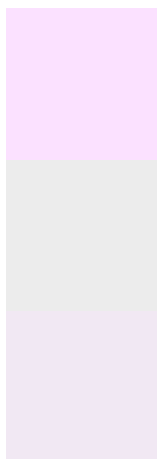
Deuteranomaly

83.9578, 81.5692, 105.9271

Tritanomaly

83.7196, 81.5563, 100.9520

Monochromacy



Original Color

84.7589, 81.5797, 105.8869

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.3099, 82.8851, 96.5069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.7589, 81.5797, 105.8869 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(251, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 225, 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(251, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 225, 255) }
```

Border

The CSS property to change the border of an element to XYZ 84.7589, 81.5797, 105.8869 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(251, 225, 255) }
```


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

```
.border{ border-color:rgb(251, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 225,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 84.7589, 81.5797, 105.8869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 225, 255) }
```

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

```
.background{ background-color: rgb(251,  
225, 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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