

Converting Colors

XYZ(111.3608, 90.9045,
255.4793)

Have a look what the booklet for
XYZ(111.3608, 90.9045, 255.4793)
contains.

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Color

**XYZ(82.8827, 79.4190,
105.5688)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DEFF
RGB	248, 222, 255
RGB Percent	97%, 87%, 100%
CMY	0.0274, 0.1294, 0.0000
CMYK	0.03, 0.13, 0.00, 0.00
HSL	287°, 100%, 94%
HSV	287°, 13%, 100%
XYZ	82.8827, 79.4190, 105.5688
YIQ	233.5360, 4.9030, 15.7750

Conversions

Conversions Part 2

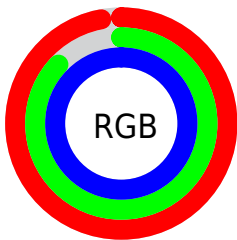
Format	Color
R _Y B	248, 222, 255
Decimal	16310015
CIE _{Lab}	91.42, 14.66, -12.74
CIE _{LCh}	91, 19.417, 319.008
Yxy	79.4190, 0.3094, 0.2965
Android (android.graphics.Color)	4294500095 (0xFFFF8DEFF)
YUV	233.5360, 10.5818, 12.6849
Hunter-Lab	89.1173, 10.0568, -7.8531

Details

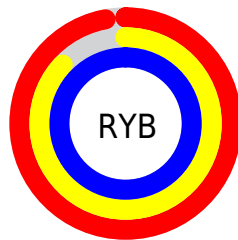
The XYZ color **82.8827, 79.4190, 105.5688** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.2598, 93.4528, 82.8665**, and the grayscale version is **77.7780, 81.8286, 89.1113**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4976, 42.7910, 59.2876** is the 20% darker color. If you saturate the color by 10%, you get **74.7261, 65.9107, 103.3913**, and if you desaturate by 10%, it is **92.1232, 95.0109, 108.0913**.

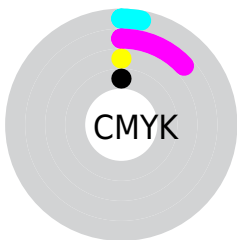
Distribution



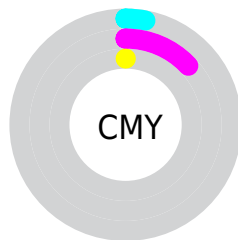
- Red (97%)
- Green (87%)
- Blue (100%)



- 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 82.8827, 79.4190, 105.5688 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 82.8827, 79.4190, 105.5688 by changing the saturation by 10% instead.

82.8827, 79.4190,
105.5688

82.8827, 79.4190,
105.5688

493.1854,
492.9727, 599.3015

62.4100, 59.2404,
80.3166

136.3405,
132.5486, 170.9075

45.6209, 42.8066,
59.4513

170.0564,
166.2683, 211.8312

32.1501, 29.7334,
42.5541

208.9173,
205.2705, 258.8158

21.6323, 19.6363,
29.2066

253.2886,
249.9396, 312.2799

13.7021, 12.1310,
18.9902

303.5357,
300.6600, 372.6419

7.9940, 6.8329,
11.4865

360.0240,

4.1429, 3.3578,

357.8160, 440.3205

6.2768

423.1187,
421.7921, 515.7342

■ 1.7833, 1.3213,
2.9426

■ 0.5076, 0.1576,
1.0654

■ 82.8827, 79.4190,
105.5688

■ 82.8827, 79.4190,
105.5688

■ 74.7261, 65.9107,
103.3913

■ 92.1232, 95.0109,
108.0913

■ 67.6007, 54.3843,
101.5420

95.0500, 100.0000,
108.9000

■ 61.4589, 44.7440,
100.0050

■ 56.2466, 36.8825,
98.7623

■ 51.9042, 30.6814,
97.7942

■ 48.3648, 26.0075,
97.0786

■ 45.5512, 22.7072,
96.5899

■ 43.3698, 20.5941,
96.2970

■ 42.1144, 19.6257,
96.1762

Harmonies

Analogous

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



78.6209, 79.4190, 114.8212



82.8827, 79.4190, 105.5688



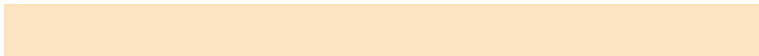
85.1967, 79.4190, 91.7637

Triad

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



82.8827, 79.4190, 105.5688



77.3105, 79.4190, 62.4288



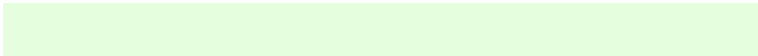
66.8580, 79.4190, 95.6381

Complementary

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



82.8827, 79.4190, 105.5688



81.2598, 93.4528, 82.8665

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.



66.5416, 79.4190, 81.3912



82.8827, 79.4190, 105.5688



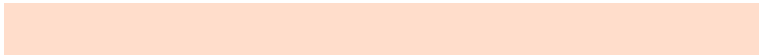
72.4343, 79.4190, 63.2241

Square

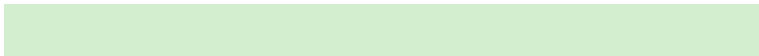
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.8827, 79.4190, 105.5688



81.8875, 79.4190, 67.5267



68.5418, 79.4190, 69.8325



69.4259, 79.4190, 108.6699

Rectangle

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



82.8827, 79.4190, 105.5688



85.2586, 79.4190, 82.2848



68.5418, 79.4190, 69.8325



66.4891, 79.4190, 90.8026

Sweetspot

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



82.8848, 79.4223, 105.5693



91.0905, 93.2559, 107.8069



76.2380, 78.8746, 105.8139



19.3420, 19.6974, 23.0325



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.



82.8848, 79.4223, 105.5693



80.2748, 75.0700, 104.8667



83.9439, 80.1380, 97.9525



18.3934, 18.0945, 22.7731



22.1358, 10.3219, 50.2602



2.2450, 1.0513, 4.8979

Inverse Universe

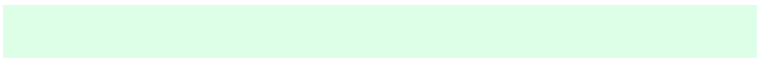
The Inverse Universe completely reimagines the original color for something new.



81.5061, 79.1629, 85.1156



78.6368, 74.7743, 79.9969



80.3598, 92.8400, 89.5482



18.1670, 18.0501, 19.4965



21.9415, 11.2659, 3.0763



2.1742, 1.1120, 0.4987

Previews

White Background



This preview shows how the XYZ color 82.8827, 79.4190, 105.5688 looks on a white background.

Color Contrast Check

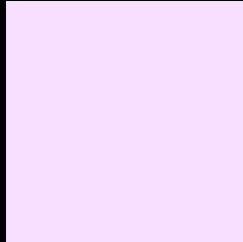
Large Text (above 18pt) WCAG AA × Fail

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 82.8827, 79.4190, 105.5688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

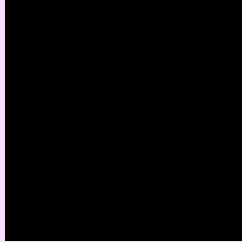
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.8827, 79.4190, 105.5688

Background



This preview shows how black text looks on a background with the XYZ color 82.8827, 79.4190, 105.5688.



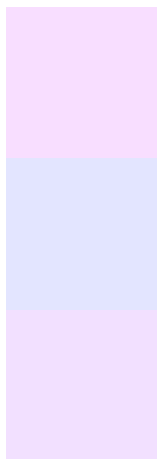
This preview shows how white text looks on a background with the XYZ color 82.8827, 79.4190,

105.5688.

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

82.8827, 79.4190, 105.5688

Protanopia

77.7479, 79.5895, 105.8723

Deuteranopia

81.3236, 79.4086, 105.6489



Tritanopia

80.6887, 79.3149, 95.0610

Trichromacy



Original Color

82.8827, 79.4190, 105.5688

Protanomaly

79.5073, 79.2749, 105.7188

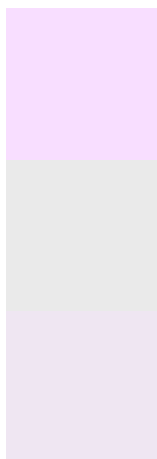
Deuteranomaly

81.7459, 79.2284, 105.5919

Tritanomaly

81.5339, 79.2649, 98.9980

Monochromacy



Original Color

82.8827, 79.4190, 105.5688

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.9204, 81.3552, 95.4953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8827, 79.4190, 105.5688 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(248, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 222, 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(248, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 222, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.8827, 79.4190, 105.5688 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(248, 222, 255) }
```


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

```
.border{ border-color:rgb(248, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 222, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 222, 255); box-shadow:4px 4px 4px 4px rgb(248, 222, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8827, 79.4190, 105.5688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 222, 255) }
```

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

```
.background{ background-color: rgb(248,  
222, 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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