

Converting Colors

XYZ(84.2379, 80.1904, 99.7014)

Have a look what the booklet for
XYZ(84.2379, 80.1904, 99.7014)
contains.

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Color

**XYZ(84.3046, 80.2799,
99.8592)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEF8
RGB	255, 222, 248
RGB Percent	100%, 87%, 97%
CMY	0.0000, 0.1294, 0.0274
CMYK	0.00, 0.13, 0.03, 0.00
HSL	313°, 100%, 94%
HSV	313°, 13%, 100%
XYZ	84.3046, 80.2799, 99.8592
YIQ	234.8310, 11.3220, 15.0820

Conversions

Conversions Part 2

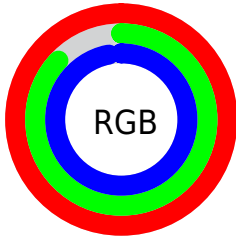
Format	Color
R _Y B	255, 222, 248
Decimal	16768760
CIE _{Lab}	91.81, 15.71, -8.44
CIE _{LCh}	92, 17.827, 331.761
Yxy	80.2799, 0.3188, 0.3036
Android (android.graphics.Color)	4294958840 (0xFFFFDEF8)
YUV	234.8310, 6.4923, 17.6882
Hunter-Lab	89.5991, 11.1540, -3.3601

Details

The XYZ color **84.3046, 80.2799, 99.8592** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.0295, 92.7079, 87.8084**, and the grayscale version is **78.7849, 82.8879, 90.2649**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6218, 43.4490, 55.7984** is the 20% darker color. If you saturate the color by 10%, you get **77.2104, 67.4150, 93.4147**, and if you desaturate by 10%, it is **92.4508, 95.2094, 106.7762**.

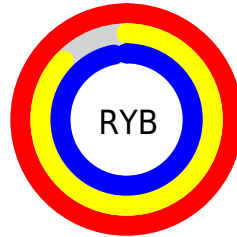
Distribution



Red (100%)

Green (87%)

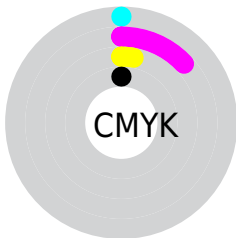
Blue (97%)



Red (100%)

Yellow (87%)

Blue (97%)

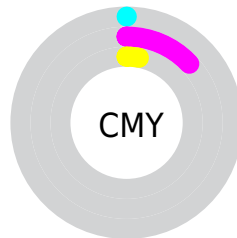


Cyan (0%)

Magenta (13%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.3046, 80.2799, 99.8592 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 84.3046, 80.2799, 99.8592 by changing the saturation by 10% instead.

 84.3046, 80.2799,
99.8592

 84.3046, 80.2799,
99.8592


497.8426,
495.8756, 580.9840

 63.5875, 59.9487,
75.5667


138.3202,
133.7592, 163.0139

 46.5771, 43.3773,
55.5728


172.3495,
167.6761, 202.7131

 32.9080, 30.1813,
39.4588


211.5469,
206.8903, 248.3851

 22.2149, 19.9762,
26.8063

256.2777,
251.7863, 300.4483

 14.1324, 12.3778,
17.1966

306.9073,
302.7484, 359.3212

 8.2951, 7.0015,
10.2113

363.8011,

 4.3377, 3.4630,

360.1611, 425.4224

5.4319

427.3244,
424.4087, 499.1705

■ 1.8949, 1.3780,
2.4397

■ 0.5739, 0.2004,
0.8079

■ 84.3046, 80.2799,
99.8592

■ 84.3046, 80.2799,
99.8592

■ 77.2104, 67.4150,
93.4147

■ 92.4508, 95.2094,
106.7762

■ 71.1169, 56.5132,
87.4214

95.0500, 100.0000,
108.9000

■ 65.9764, 47.4792,
81.8633

■ 61.7349, 40.2055,
76.7216

■ 58.3332, 34.5738,
71.9754

■ 55.7048, 30.4515,
67.6015

■ 53.7726, 27.6848,
63.5732

■ 52.4433, 26.0876,
59.8583

■ 51.7721, 25.4728,
57.3914

Harmonies

Analogous

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



81.0201, 80.2799, 110.5864



84.3046, 80.2799, 99.8592



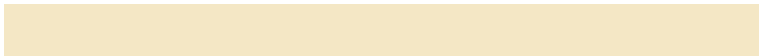
85.4221, 80.2799, 86.6406

Triad

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



84.3046, 80.2799, 99.8592



76.0341, 80.2799, 64.6056



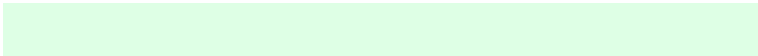
69.0779, 80.2799, 101.3292

Complementary

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



84.3046, 80.2799, 99.8592



80.0295, 92.7079, 87.8084

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.



67.8583, 80.2799, 88.1863



84.3046, 80.2799, 99.8592



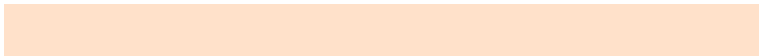
71.7739, 80.2799, 67.7235

Square

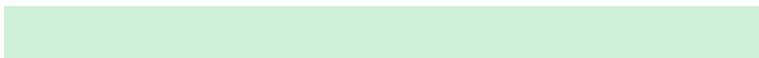
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



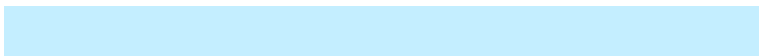
84.3046, 80.2799, 99.8592



80.5346, 80.2799, 67.0737



68.8256, 80.2799, 76.0431



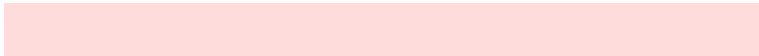
72.2235, 80.2799, 111.4929

Rectangle

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



84.3046, 80.2799, 99.8592



84.7536, 80.2799, 78.4147



68.8256, 80.2799, 76.0431



68.4348, 80.2799, 97.0707

Sweetspot

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



84.3064, 80.2831, 99.8609



91.5355, 93.5253, 106.0197



76.3600, 76.0588, 105.2639



19.4551, 19.7658, 22.5785



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.



84.3064, 80.2831, 99.8609



82.0249, 76.1295, 97.8385



81.9147, 79.3264, 87.2667



18.6179, 18.2305, 21.8712



27.1090, 13.3329, 30.2881



2.6788, 1.3139, 3.1559

Inverse Universe

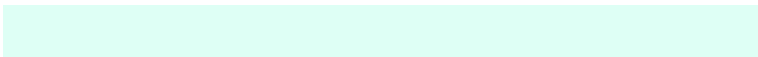
The Inverse Universe completely reimagines the original color for something new.



84.3064, 80.2831, 99.8609



82.0249, 76.1295, 97.8385



82.3830, 93.6493, 100.2018



18.6179, 18.2305, 21.8712



27.1090, 13.3329, 30.2881



2.6788, 1.3139, 3.1559

Previews

White Background



This preview shows how the XYZ color 84.3046, 80.2799, 99.8592 looks on a white background.

Color Contrast Check

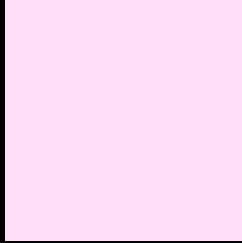
Large Text (above 18pt) WCAG AA × Fail

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 84.3046, 80.2799, 99.8592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

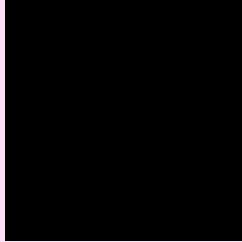
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.3046, 80.2799, 99.8592

Background



This preview shows how black text looks on a background with the XYZ color 84.3046, 80.2799, 99.8592.



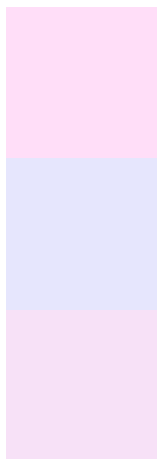
This preview shows how white text looks on a background with the XYZ color 84.3046, 80.2799,

99.8592.

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

84.3046, 80.2799, 99.8592

Protanopia

78.6596, 80.5085, 104.3224

Deuteranopia

82.0715, 80.3400, 99.1772



Tritanopia

83.1379, 80.1971, 94.3168

Trichromacy



Original Color

84.3046, 80.2799, 99.8592

Protanomaly

80.4783, 80.2539, 102.5157

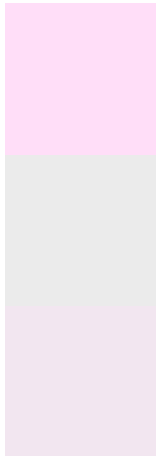
Deuteranomaly

82.8685, 80.3507, 99.1373

Tritanomaly

83.5899, 80.3778, 96.6968

Monochromacy



Original Color

84.3046, 80.2799, 99.8592

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.6429, 81.7621, 93.9694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3046, 80.2799, 99.8592 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(255, 222, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 248)  
}
```

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(255, 222, 248) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 84.3046, 80.2799, 99.8592 is called "border". The border property can be set on classes, ids or directly on the HTML element.

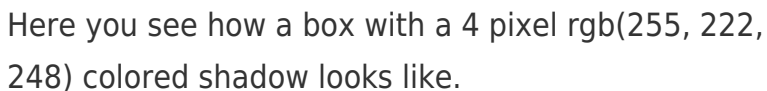
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 222, 248) }
```


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

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

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



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

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

Background

The CSS property to change the background color of an element to XYZ 84.3046, 80.2799, 99.8592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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