

Converting Colors

XYZ(84.1509, 80.1547, 99.2462)

Have a look what the booklet for
XYZ(84.1509, 80.1547, 99.2462)
contains.

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Color

**XYZ(84.1498, 80.2180,
99.0441)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEF7
RGB	255, 222, 247
RGB Percent	100%, 87%, 97%
CMY	0.0000, 0.1294, 0.0314
CMYK	0.00, 0.13, 0.03, 0.00
HSL	315°, 100%, 94%
HSV	315°, 13%, 100%
XYZ	84.1498, 80.2180, 99.0441
YIQ	234.7170, 11.6430, 14.7710

Conversions

Conversions Part 2

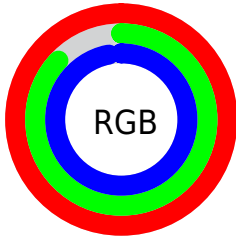
Format	Color
R _Y B	255, 222, 247
Decimal	16768759
CIE Lab	91.78, 15.53, -7.95
CIE LCh	92, 17.448, 332.885
Yxy	80.2180, 0.3195, 0.3045
Android (android.graphics.Color)	4294958839 (0xFFFFDEF7)
YUV	234.7170, 6.0555, 17.7882
Hunter-Lab	89.5645, 10.9707, -2.8702

Details

The XYZ color **84.1498, 80.2180, 99.0441** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.1696, 92.7640, 88.5461**, and the grayscale version is **78.7014, 82.8000, 90.1692**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5114, 43.4048, 55.2168** is the 20% darker color. If you saturate the color by 10%, you get **76.9445, 67.3086, 92.0143**, and if you desaturate by 10%, it is **92.4145, 95.1950, 106.5853**.

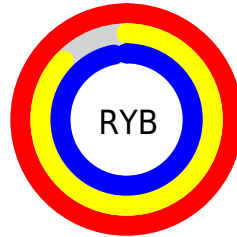
Distribution



Red (100%)

Green (87%)

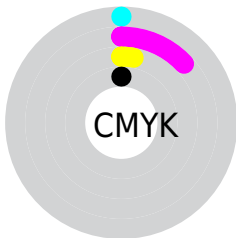
Blue (97%)



Red (100%)

Yellow (87%)

Blue (97%)

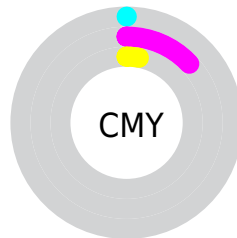


Cyan (0%)

Magenta (13%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.1498, 80.2180, 99.0441 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 84.1498, 80.2180, 99.0441 by changing the saturation by 10% instead.

84.1498, 80.2180,
99.0441

84.1498, 80.2180,
99.0441

497.3367,
495.6672, 578.3441

63.4592, 59.8978,
74.8900

138.1049,
133.6722, 161.8833

46.4729, 43.3362,
55.0216

172.1001,
167.5749, 201.4056

32.8253, 30.1490,
39.0203

211.2610,
206.7739, 246.8877

22.1513, 19.9517,
26.4676

255.9528,
251.6537, 298.7481

14.0853, 12.3600,
16.9449

306.5409,
302.5984, 357.4054

8.2621, 6.9893,
10.0336

363.3907,

4.3163, 3.4554,

359.9927, 423.2781

5.3154

426.8675,
424.2208, 496.7849

■ 1.8826, 1.3739,
2.3715

■ 0.5667, 0.1973,
0.7709

■ 84.1498, 80.2180,
99.0441

■ 84.1498, 80.2180,
99.0441

■ 76.9445, 67.3086,
92.0143

■ 92.4145, 95.1950,
106.5853

■ 70.7471, 56.3653,
85.4739

95.0500, 100.0000,
108.9000

■ 65.5099, 47.2926,
79.4066

■ 61.1788, 39.9830,
73.7929

■ 57.6944, 34.3183,
68.6115

■ 54.9902, 30.1657,
63.8384

■ 52.9889, 27.3714,
59.4465

■ 51.5972, 25.7491,
55.4029

■ 50.8859, 25.1184,
52.7246

Harmonies

Analogous

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



81.0049, 80.2180, 109.6765



84.1498, 80.2180, 99.0441



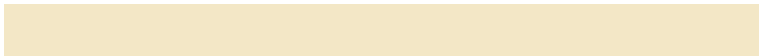
85.1505, 80.2180, 86.1113

Triad

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



84.1498, 80.2180, 99.0441



75.8132, 80.2180, 65.0040



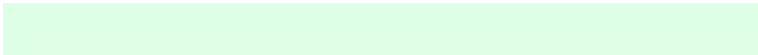
69.2558, 80.2180, 101.3947

Complementary

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



84.1498, 80.2180, 99.0441



80.1696, 92.7640, 88.5461

Split Complementary

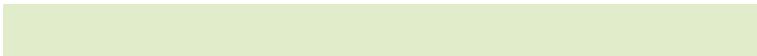
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.9828, 80.2180, 88.5879



84.1498, 80.2180, 99.0441



71.6749, 80.2180, 68.2692

Square

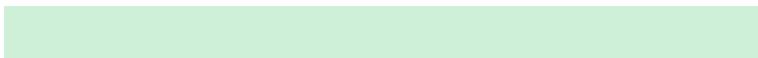
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



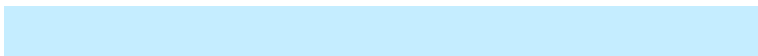
84.1498, 80.2180, 99.0441



80.2277, 80.2180, 67.2239



68.8510, 80.2180, 76.6032



72.3960, 80.2180, 111.1240

Rectangle

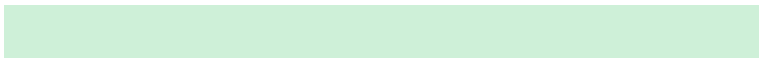
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.1498, 80.2180, 99.0441



84.4363, 80.2180, 78.1212



68.8510, 80.2180, 76.6032



68.6010, 80.2180, 97.2651

Sweetspot

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



84.1516, 80.2212, 99.0458



91.4863, 93.5056, 105.7607



76.7113, 76.2399, 105.2804



19.4426, 19.7608, 22.5128



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.



84.1516, 80.2212, 99.0458



81.8353, 76.0537, 96.8401



81.7590, 79.2642, 86.4469



18.5933, 18.2206, 21.7417



26.6508, 13.1496, 27.8755



2.6377, 1.2975, 2.9398

Inverse Universe

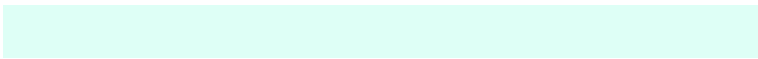
The Inverse Universe completely reimagines the original color for something new.



84.1516, 80.2212, 99.0458



81.8353, 76.0537, 96.8401



82.5516, 93.7167, 101.0893



18.5933, 18.2206, 21.7417



26.6508, 13.1496, 27.8755



2.6377, 1.2975, 2.9398

Previews

White Background



This preview shows how the XYZ color 84.1498, 80.2180, 99.0441 looks on a white background.

Color Contrast Check

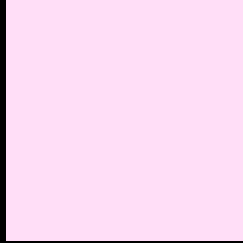
Large Text (above 18pt) WCAG AA × Fail

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 84.1498, 80.2180, 99.0441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

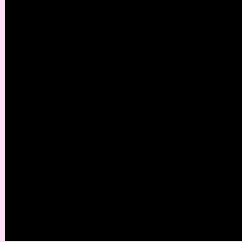
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.1498, 80.2180, 99.0441

Background



This preview shows how black text looks on a background with the XYZ color 84.1498, 80.2180, 99.0441.



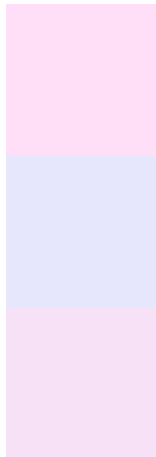
This preview shows how white text looks on a background with the XYZ color 84.1498, 80.2180,

99.0441.

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

84.1498, 80.2180, 99.0441

Protanopia

78.5006, 80.4449, 103.4855

Deuteranopia

81.9175, 80.2784, 98.3665



Tritanopia

83.1379, 80.1971, 94.3168

Trichromacy



Original Color

84.1498, 80.2180, 99.0441

Protanomaly

80.3210, 80.1910, 101.6875

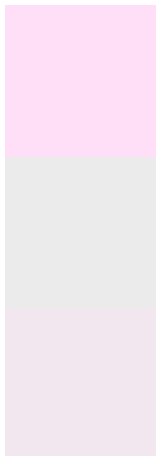
Deuteranomaly

82.7145, 80.2891, 98.3266

Tritanomaly

83.4384, 80.3172, 95.8991

Monochromacy



Original Color

84.1498, 80.2180, 99.0441

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.4948, 81.7029, 93.1891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1498, 80.2180, 99.0441 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 247) }
```

Border

The CSS property to change the border of an element to XYZ 84.1498, 80.2180, 99.0441 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, 247) }
```


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

```
.border{ border-color:rgb(255, 222, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1498, 80.2180, 99.0441 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, 247) }
```

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

```
.background{ background-color: rgb(255,  
222, 247) }
```

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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