

Converting Colors

XYZ(84.5613, 80.5399,
100.7260)

Have a look what the booklet for
XYZ(84.5613, 80.5399, 100.7260)
contains.

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Color

**XYZ(84.4602, 80.3421,
100.6786)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFDEF9 |
| RGB | 255, 222, 249 |
| RGB Percent | 100%, 87%, 98% |
| CMY | 0.0000, 0.1294, 0.0235 |
| CMYK | 0.00, 0.13, 0.02, 0.00 |
| HSL | 311°, 100%, 94% |
| HSV | 311°, 13%, 100% |
| XYZ | 84.4602, 80.3421, 100.6786 |
| YIQ | 234.9450, 11.0010, 15.3930 |

Conversions

Conversions Part 2

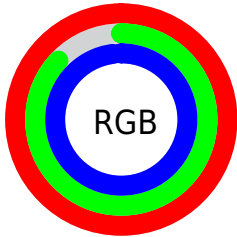
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 222, 249 |
| Decimal | 16768761 |
| CIE Lab | 91.84, 15.88, -8.92 |
| CIE LCh | 92, 18.213, 330.686 |
| Yxy | 80.3421, 0.3181, 0.3026 |
| Android (android.graphics.Color) | 4294958841 (0xFFFFDEF9) |
| YUV | 234.9450, 6.9291, 17.5882 |
| Hunter-Lab | 89.6338, 11.3381, -3.8522 |

Details

The XYZ color **84.4602, 80.3421, 100.6786** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.8902, 92.6522, 87.0749**, and the grayscale version is **78.8685, 82.9758, 90.3607**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7331, 43.4935, 56.3841** is the 20% darker color. If you saturate the color by 10%, you get **77.4789, 67.5223, 94.8287**, and if you desaturate by 10%, it is **92.4870, 95.2239, 106.9673**.

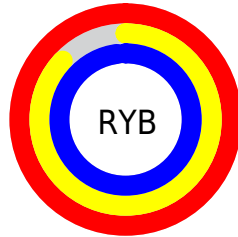
Distribution



Red (100%)

Green (87%)

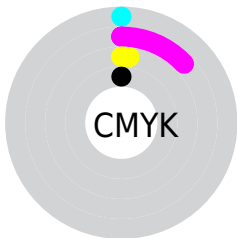
Blue (98%)



Red (100%)

Yellow (87%)

Blue (98%)

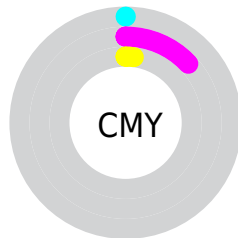


Cyan (0%)

Magenta (13%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.4602, 80.3421, 100.6786 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 84.4602, 80.3421, 100.6786 by changing the saturation by 10% instead.

84.4602, 80.3421,
100.6786

84.4602, 80.3421,
100.6786

498.3508,
496.0850, 583.6314

63.7164, 59.9999,
76.2473

138.5367,
133.8466, 164.1494

46.6819, 43.4186,
56.1275

172.6001,
167.7777, 204.0261

32.9911, 30.2137,
39.9005

211.8341,
207.0072, 249.8883

22.2789, 20.0008,
27.1477

256.6041,
251.9196, 302.1546

14.1797, 12.3956,
17.4508

307.2754,
302.8991, 361.2435

8.3283, 7.0137,
10.3911

364.2134,

4.3593, 3.4707,

360.3303, 427.5736

5.5500

427.7834,
424.5974, 501.5634

■ 1.9073, 1.3821,
2.5091

■ 0.5811, 0.2035,
0.8450

■ 84.4602, 80.3421,
100.6786

■ 84.4602, 80.3421,
100.6786

■ 77.4789, 67.5223,
94.8287

■ 92.4870, 95.2239,
106.9673

■ 71.4920, 56.6632,
89.3965

95.0500, 100.0000,
108.9000

■ 66.4518, 47.6693,
84.3667

■ 62.3044, 40.4332,
79.7206

■ 58.9908, 34.8368,
75.4380

■ 56.4443, 30.7473,
71.4959

■ 54.5882, 28.0111,
67.8682

■ 53.3291, 26.4419,
64.5230

■ 52.7040, 25.8456,
62.2988

Harmonies

Analogous

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



81.0359, 80.3421, 111.5017



84.4602, 80.3421, 100.6786



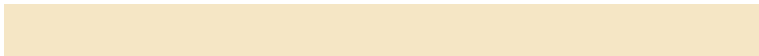
85.6948, 80.3421, 87.1715

Triad

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



84.4602, 80.3421, 100.6786



76.2553, 80.3421, 64.2087



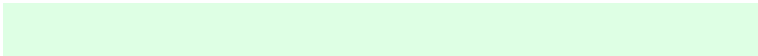
68.9004, 80.3421, 101.2652

Complementary

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



84.4602, 80.3421, 100.6786



79.8902, 92.6522, 87.0749

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.



67.7341, 80.3421, 87.7870



84.4602, 80.3421, 100.6786



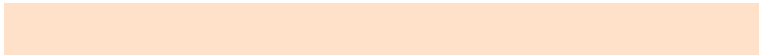
71.8728, 80.3421, 67.1809

Square

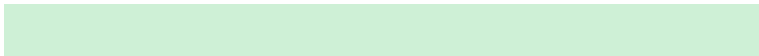
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.4602, 80.3421, 100.6786



80.8424, 80.3421, 66.9231



68.8001, 80.3421, 75.4865



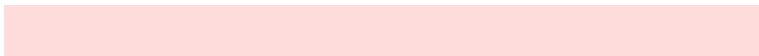
72.0517, 80.3421, 111.8639

Rectangle

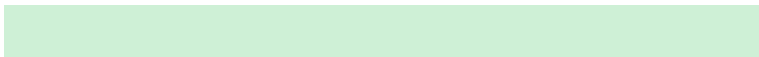
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.4602, 80.3421, 100.6786



85.0721, 80.3421, 78.7083



68.8001, 80.3421, 75.4865



68.2691, 80.3421, 96.8779

Sweetspot

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



84.4619, 80.3453, 100.6803



91.5848, 93.5450, 106.2791



76.0108, 75.8787, 105.2476



19.4676, 19.7708, 22.6443



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.



84.4619, 80.3453, 100.6803



82.2157, 76.2058, 98.8435



82.0714, 79.3890, 88.0917



18.6426, 18.2404, 22.0012



27.5903, 13.5254, 32.8224



2.7216, 1.3310, 3.3812

Inverse Universe

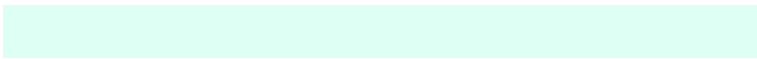
The Inverse Universe completely reimagines the original color for something new.



84.4619, 80.3453, 100.6803



82.2157, 76.2058, 98.8435



82.2154, 93.5823, 99.3195



18.6426, 18.2404, 22.0012



27.5903, 13.5254, 32.8224



2.7216, 1.3310, 3.3812

Previews

White Background



This preview shows how the XYZ color 84.4602, 80.3421, 100.6786 looks on a white background.

Color Contrast Check

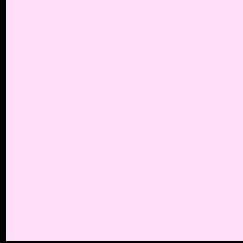
Large Text (above 18pt) WCAG AA × Fail

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 84.4602, 80.3421, 100.6786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

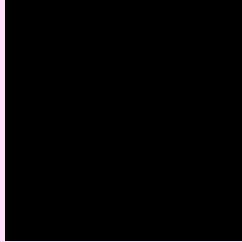
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.4602, 80.3421, 100.6786

Background



This preview shows how black text looks on a background with the XYZ color 84.4602, 80.3421, 100.6786.



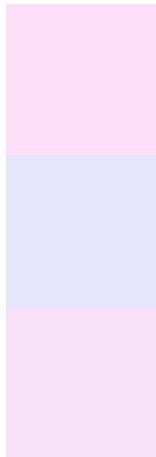
This preview shows how white text looks on a background with the XYZ color 84.4602, 80.3421,

100.6786.

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

84.4602, 80.3421, 100.6786

Protanopia

78.4993, 80.4074, 105.1488

Deuteranopia

82.2263, 80.4019, 99.9923



Tritanopia

83.1379, 80.1971, 94.3168

Trichromacy



Original Color

84.4602, 80.3421, 100.6786

Protanomaly

80.2997, 80.1436, 103.3325

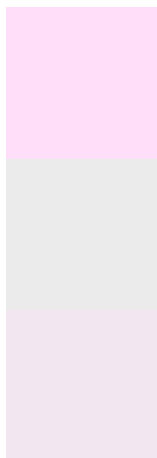
Deuteranomaly

83.0233, 80.4126, 99.9523

Tritanomaly

83.5899, 80.3778, 96.6968

Monochromacy



Original Color

84.4602, 80.3421, 100.6786

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 84.4602, 80.3421, 100.6786 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 249) }
```

Border

The CSS property to change the border of an element to XYZ 84.4602, 80.3421, 100.6786 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, 249) }
```


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

```
.border{ border-color:rgb(255, 222, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 84.4602, 80.3421, 100.6786 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, 249) }
```

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

```
.background{ background-color: rgb(255,  
222, 249) }
```

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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