

Converting Colors

XYZ(86.4348, 84.1729,
101.7021)

Have a look what the booklet for
XYZ(86.4348, 84.1729, 101.7021)
contains.

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Color

**XYZ(86.3582, 84.1382,
101.3113)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5F9
RGB	255, 229, 249
RGB Percent	100%, 90%, 98%
CMY	0.0000, 0.1019, 0.0235
CMYK	0.00, 0.10, 0.02, 0.00
HSL	314°, 100%, 95%
HSV	314°, 10%, 100%
XYZ	86.3582, 84.1382, 101.3113
YIQ	239.0540, 9.0760, 11.7320

Conversions

Conversions Part 2

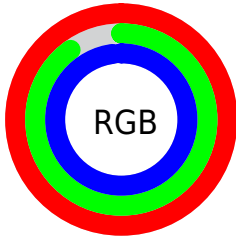
Format	Color
R _Y B	255, 229, 249
Decimal	16770553
CIE Lab	93.51, 12.25, -6.44
CIE LCh	94, 13.837, 332.258
Yxy	84.1382, 0.3177, 0.3096
Android (android.graphics.Color)	4294960633 (0xFFFFE5F9)
YUV	239.0540, 4.9034, 13.9846
Hunter-Lab	91.7269, 7.5305, -1.2763

Details

The XYZ color **86.3582, 84.1382, 101.3113** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.0710, 94.1774, 92.4003**, and the grayscale version is **82.0460, 86.3187, 94.0011**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0504, 46.1281, 56.8232** is the 20% darker color. If you saturate the color by 10%, you get **78.9110, 70.6894, 94.3721**, and if you desaturate by 10%, it is **94.8742, 99.6779, 108.7509**.

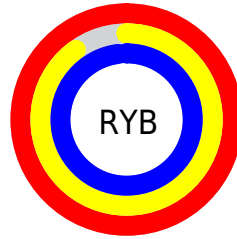
Distribution



Red (100%)

Green (90%)

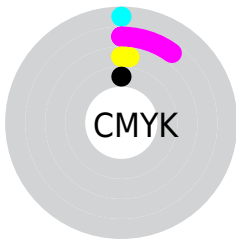
Blue (98%)



Red (100%)

Yellow (90%)

Blue (98%)

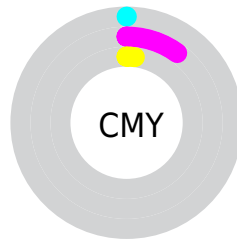


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.3582, 84.1382, 101.3113 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 86.3582, 84.1382, 101.3113 by changing the saturation by 10% instead.

86.3582, 84.1382,
101.3113

86.3582, 84.1382,
101.3113

504.5278,
508.7721, 585.6712

65.2905, 63.1295,
76.7731

141.1735,
139.1685, 165.0256

47.9622, 45.9460,
56.5562

175.6518,
173.9589, 205.0388

34.0081, 32.2032,
40.2421

215.3310,
214.1120, 251.0475

23.0627, 21.5168,
27.4121

260.5764,
260.0122, 303.4701

14.7608, 13.5023,
17.6478

311.7535,
312.0440, 362.7253

8.7369, 7.7753,
10.5306

369.2275,

4.6257, 3.9515,

370.5916, 429.2315

5.6420

433.3638,
436.0395, 503.4073

■ 2.0618, 1.6465,
2.5634

■ 0.6683, 0.3886,
0.8735

■ 86.3582, 84.1382,
101.3113

■ 86.3582, 84.1382,
101.3113

■ 78.9110, 70.6894,
94.3721

94.8742, 99.6779,
108.7509

■ 72.4817, 59.2312,
87.9117

95.0500, 100.0000,
108.9000

■ 67.0236, 49.6703,
81.9142

■ 62.4841, 41.9019,
76.3610

■ 58.8056, 35.8110,
71.2313

■ 55.9235, 31.2692,
66.5023

■ 53.7642, 28.1295,
62.1482

■ 52.2397, 26.2163,
58.1382

■ 51.2215, 25.2526,
54.4921

Harmonies

Analogous

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



83.7836, 84.1382, 109.7223



86.3582, 84.1382, 101.3113



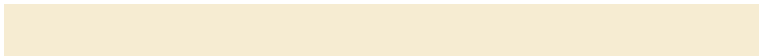
87.2061, 84.1382, 90.8208

Triad

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



86.3582, 84.1382, 101.3113



79.6940, 84.1382, 72.9241



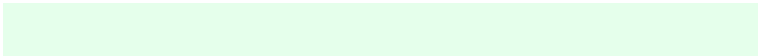
74.1697, 84.1382, 102.7885

Complementary

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



86.3582, 84.1382, 101.3113



83.0710, 94.1774, 92.4003

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.



73.1473, 84.1382, 92.4082



86.3582, 84.1382, 101.3113



76.2756, 84.1382, 75.6132

Square

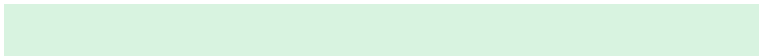
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



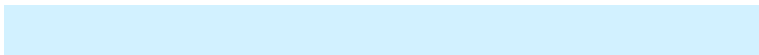
86.3582, 84.1382, 101.3113



83.2894, 84.1382, 74.9170



73.9065, 84.1382, 82.5528



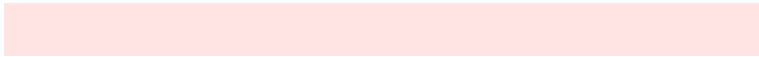
76.7416, 84.1382, 110.6199

Rectangle

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



86.3582, 84.1382, 101.3113



86.6578, 84.1382, 84.1927



73.9065, 84.1382, 82.5528



73.6370, 84.1382, 99.4552

Sweetspot

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



86.3601, 84.1416, 101.3131



92.3749, 95.1026, 106.6126



80.2125, 80.8625, 105.9881



19.6226, 20.0827, 22.6903



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

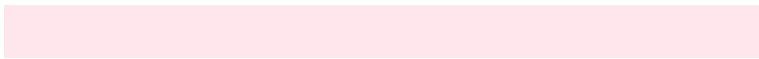
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3601, 84.1416, 101.3131



84.9371, 81.5601, 100.0231



84.4552, 83.3796, 91.2823



18.6028, 18.2244, 21.7914



26.8244, 13.2191, 28.7895



2.6533, 1.3037, 3.0218

Inverse Universe

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



86.3601, 84.1416, 101.3131



84.9371, 81.5601, 100.0231



84.9617, 94.9337, 102.3564



18.6028, 18.2244, 21.7914



26.8244, 13.2191, 28.7895



2.6533, 1.3037, 3.0218

Previews

White Background



This preview shows how the XYZ color 86.3582, 84.1382, 101.3113 looks on a white background.

Color Contrast Check

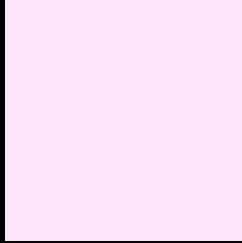
Large Text (above 18pt) WCAG AA × Fail

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 86.3582, 84.1382, 101.3113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

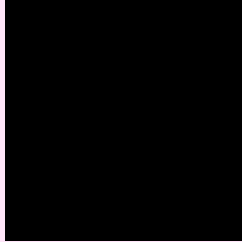
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.3582, 84.1382, 101.3113

Background



This preview shows how black text looks on a background with the XYZ color 86.3582, 84.1382, 101.3113.



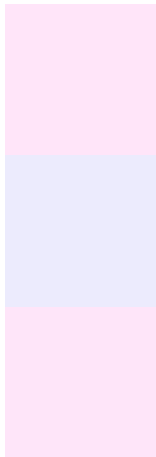
This preview shows how white text looks on a background with the XYZ color 86.3582, 84.1382,

101.3113.

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

86.3582, 84.1382, 101.3113

Protanopia

82.0300, 84.3414, 104.8846

Deuteranopia

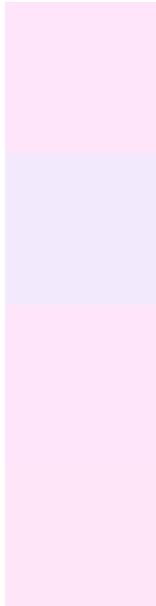
85.9912, 83.9490, 101.2941



Tritanopia

86.0478, 84.0140, 99.6768

Trichromacy



Original Color

86.3582, 84.1382, 101.3113

Protanomaly

83.6717, 84.3608, 103.9687

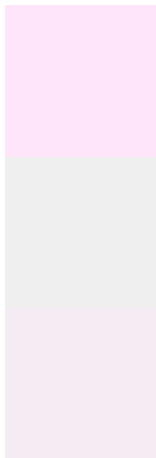
Deuteranomaly

85.9912, 83.9490, 101.2941

Tritanomaly

86.2026, 84.0759, 100.4918

Monochromacy



Original Color

86.3582, 84.1382, 101.3113

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

83.5422, 85.3002, 96.8555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.3582, 84.1382, 101.3113 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, 229, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 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, 229, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 249) }
```

Border

The CSS property to change the border of an element to XYZ 86.3582, 84.1382, 101.3113 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, 229, 249) }
```


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

```
.border{ border-color:rgb(255, 229, 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, 229, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3582, 84.1382, 101.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 249) }
```

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

```
.background{ background-color: rgb(255,  
229, 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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