

Converting Colors

XYZ(85.0039, 81.5868,
100.3749)

Have a look what the booklet for
XYZ(85.0039, 81.5868, 100.3749)
contains.

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Color

**XYZ(84.8389, 81.3486,
100.0373)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0F8
RGB	255, 224, 248
RGB Percent	100%, 88%, 97%
CMY	0.0000, 0.1215, 0.0274
CMYK	0.00, 0.12, 0.03, 0.00
HSL	314°, 100%, 94%
HSV	314°, 12%, 100%
XYZ	84.8389, 81.3486, 100.0373
YIQ	236.0050, 10.7720, 14.0360

Conversions

Conversions Part 2

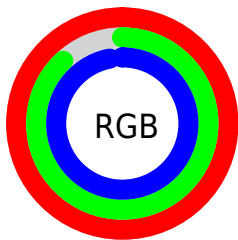
Format	Color
R _Y B	255, 224, 248
Decimal	16769272
CIE Lab	92.29, 14.67, -7.73
CIE LCh	92, 16.578, 332.209
Yxy	81.3486, 0.3187, 0.3056
Android (android.graphics.Color)	4294959352 (0xFFFFE0F8)
YUV	236.0050, 5.9135, 16.6586
Hunter-Lab	90.1935, 10.0644, -2.6256

Details

The XYZ color **84.8389, 81.3486, 100.0373** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.9267, 93.1380, 89.3167**, and the grayscale version is **79.6847, 83.8345, 91.2958**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9911, 44.1875, 55.9215** is the 20% darker color. If you saturate the color by 10%, you get **77.6135, 68.3053, 93.2899**, and if you desaturate by 10%, it is **93.1231, 96.4649, 107.2755**.

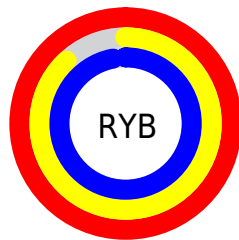
Distribution



Red (100%)

Green (88%)

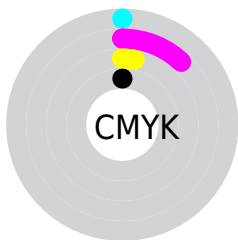
Blue (97%)



Red (100%)

Yellow (88%)

Blue (97%)

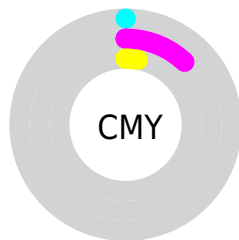


Cyan (0%)

Magenta (12%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.8389, 81.3486, 100.0373 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 84.8389, 81.3486, 100.0373 by changing the saturation by 10% instead.


 84.8389, 81.3486,
100.0373

 84.8389, 81.3486,
100.0373


499.5866,
499.4662, 581.5600

 64.0303, 60.8287,
75.7146

139.0633,
135.2601, 163.2608

 46.9370, 44.0870,
55.6933


173.2098,
169.4206, 202.9986

 33.1936, 30.7389,
39.5547


212.5329,
208.8967, 248.7120

 22.4347, 20.4001,
26.8804

257.3982,
254.0729, 300.8194

 14.2951, 12.6862,
17.2518

308.1708,
305.3336, 359.7393

 8.4093, 7.2128,
10.2503

365.2161,

 4.4119, 3.5956,

363.0631, 425.8904

5.4575

428.8996,
427.6458, 499.6911

■ 1.9377, 1.4500,
2.4547

■ 0.5986, 0.2531,
0.8160

■ 84.8389, 81.3486,
100.0373

■ 84.8389, 81.3486,
100.0373

■ 77.6135, 68.3053,
93.2899

■ 93.1231, 96.4649,
107.2755

■ 71.3957, 57.2338,
87.0115

95.0500, 100.0000,
108.9000

■ 66.1379, 48.0393,
81.1864

■ 61.7867, 40.6151,
75.7955

■ 58.2833, 34.8440,
70.8178

■ 55.5616, 30.5944,
66.2301

■ 53.5456, 27.7147,
62.0058

■ 52.1436, 26.0218,
58.1130

■ 51.3663, 25.3105,
55.2544

Harmonies

Analogous

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



81.7942, 81.3486, 110.0754



84.8389, 81.3486, 100.0373



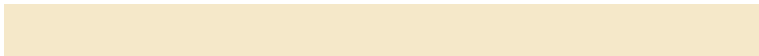
85.8473, 81.3486, 87.6686

Triad

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



84.8389, 81.3486, 100.0373



77.0023, 81.3486, 67.0282



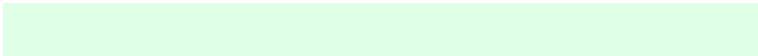
70.5562, 81.3486, 101.7552

Complementary

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



84.8389, 81.3486, 100.0373



80.9267, 93.1380, 89.3167

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.



69.3758, 81.3486, 89.4872



84.8389, 81.3486, 100.0373



73.0109, 81.3486, 70.0738

Square

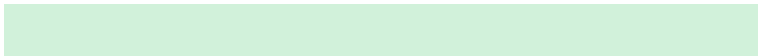
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.8389, 81.3486, 100.0373



81.2245, 81.3486, 69.2988



70.2579, 81.3486, 78.0231



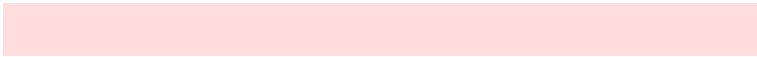
73.5415, 81.3486, 111.1299

Rectangle

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



84.8389, 81.3486, 100.0373



85.2002, 81.3486, 79.9526



70.2579, 81.3486, 78.0231



69.9402, 81.3486, 97.7956

Sweetspot

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



84.8407, 81.3519, 100.0390



91.5133, 93.5164, 105.9027



77.5723, 77.4771, 105.4738



19.4494, 19.7636, 22.5488



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

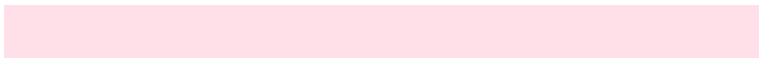
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8407, 81.3519, 100.0390



82.6788, 77.4331, 98.0697



82.5749, 80.4455, 88.1071



18.6068, 18.2260, 21.8126



26.8993, 13.2490, 29.1837



2.6600, 1.3064, 3.0571

Inverse Universe

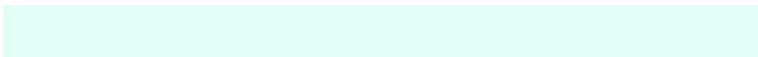
The Inverse Universe completely reimagines the original color for something new.



84.8407, 81.3519, 100.0390



82.6788, 77.4331, 98.0697



83.1704, 94.0355, 101.1317



18.6068, 18.2260, 21.8126



26.8993, 13.2490, 29.1837



2.6600, 1.3064, 3.0571

Previews

White Background



This preview shows how the XYZ color 84.8389, 81.3486, 100.0373 looks on a white background.

Color Contrast Check

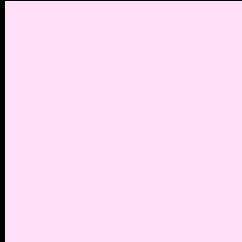
Large Text (above 18pt) WCAG AA × Fail

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 84.8389, 81.3486, 100.0373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

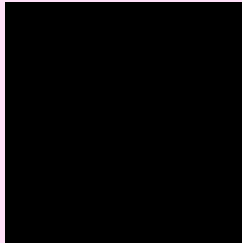
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.8389, 81.3486, 100.0373

Background



This preview shows how black text looks on a background with the XYZ color 84.8389, 81.3486, 100.0373.

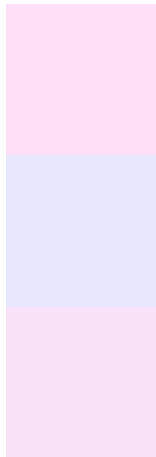


This preview shows how white text looks on a background with the XYZ color 84.8389, 81.3486,

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

84.8389, 81.3486, 100.0373

Protanopia

79.2605, 81.2326, 104.4305

Deuteranopia

83.2066, 81.3098, 100.1158



Tritanopia

83.9759, 81.3923, 96.0783

Trichromacy



Original Color

84.8389, 81.3486, 100.0373

Protanomaly

81.0912, 80.9771, 102.6230

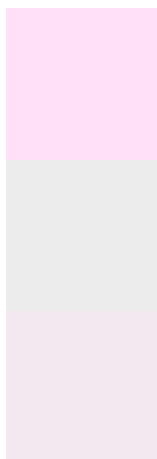
Deuteranomaly

83.6522, 81.1370, 100.0590

Tritanomaly

84.2797, 81.5138, 97.6779

Monochromacy



Original Color

84.8389, 81.3486, 100.0373

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.5469, 83.0592, 94.1721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8389, 81.3486, 100.0373 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, 224, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 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, 224, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 248) }
```

Border

The CSS property to change the border of an element to XYZ 84.8389, 81.3486, 100.0373 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, 224, 248) }
```


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

```
.border{ border-color:rgb(255, 224, 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, 224, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8389, 81.3486, 100.0373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 248) }
```

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

```
.background{ background-color: rgb(255,  
224, 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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