

# Converting Colors

XYZ(80.9552, 78.4323, 98.2104)

Have a look what the booklet for  
XYZ(80.9552, 78.4323, 98.2104)  
contains.

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# Color

**XYZ(81.1136, 78.6705,  
98.0986)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7DEF6
RGB	247, 222, 246
RGB Percent	97%, 87%, 96%
CMY	0.0314, 0.1294, 0.0353
CMYK	0.00, 0.10, 0.00, 0.03
HSL	302°, 61%, 92%
HSV	302°, 10%, 97%
XYZ	81.1136, 78.6705, 98.0986
YIQ	232.2110, 7.1960, 12.7640

# Conversions

## Conversions Part 2

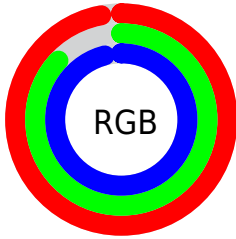
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 222, 246
Decimal	16244470
CIE Lab	91.08, 12.69, -8.54
CIE LCh	91, 15.296, 326.076
Yxy	78.6705, 0.3145, 0.3051
Android (android.graphics.Color)	4294434550 (0xFFFF7DEF6)
YUV	232.2110, 6.7980, 12.9700
Hunter-Lab	88.6964, 8.0211, -3.4875

# Details

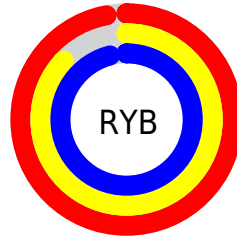
The XYZ color **81.1136, 78.6705, 98.0986** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.7072, 87.3810, 82.6394**, and the grayscale version is **76.8086, 80.8086, 88.0006**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5988, 42.4315, 54.5547** is the 20% darker color. If you saturate the color by 10%, you get **74.8775, 66.4392, 95.2744**, and if you desaturate by 10%, it is **88.3161, 92.8309, 101.2508**.

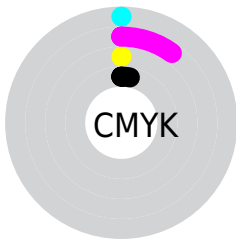
# Distribution



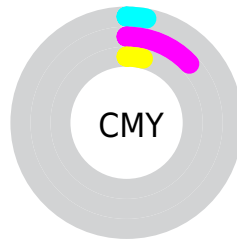
- Red (97%)
- Green (87%)
- Blue (96%)



- Red (97%)
- Yellow (87%)
- Blue (96%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



- Cyan (3%)
- Magenta (13%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1136, 78.6705, 98.0986 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 81.1136, 78.6705, 98.0986 by changing the saturation by 10% instead.



81.1136, 78.6705,  
98.0986

81.1136, 78.6705,  
98.0986

487.3574,  
490.4409, 575.2738

60.9468, 58.6249,  
74.1055

133.8726,  
131.4949, 160.5708

44.4346, 42.3113,  
54.3831

167.1955,  
165.0425, 199.8870

31.2117, 29.3451,  
38.5128

205.6344,  
203.8596, 245.1480

20.9127, 19.3420,  
26.0760

249.5547,  
248.3306, 296.7723

13.1723, 11.9177,  
16.6542

299.3219,  
298.8398, 355.1785

7.6251, 6.6877,  
9.8289

355.3011,

3.9058, 3.2675,

355.7716, 420.7851

5.1816

417.8579,  
419.5106, 494.0107

■ 1.6490, 1.2730,  
2.2936

■ 0.4240, 0.1201,  
0.7276

■ 81.1136, 78.6705,  
98.0986

■ 81.1136, 78.6705,  
98.0986

■ 74.8775, 66.4392,  
95.2744

■ 88.3161, 92.8309,  
101.2508

■ 69.5593, 56.0436,  
92.7591

■ 91.0582, 98.0704,  
102.9193

■ 65.1166, 47.3978,  
90.5397

■ 91.2120, 98.1319,  
103.7290

■ 61.5010, 40.4050,  
88.6000

■ 91.3666, 98.1937,  
104.5430

58.6596, 34.9591,  
86.9222

91.5219, 98.2559,  
105.3612

56.5329, 30.9415,  
85.4867

91.6781, 98.3184,  
106.1837

55.0534, 28.2168,  
84.2708

91.8351, 98.3812,  
107.0105

54.1400, 26.6232,  
83.2476

91.9930, 98.4443,  
107.8416

53.6618, 25.8958,  
82.3819

92.1516, 98.5078,  
108.6770

# Harmonies

## Analogous

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



78.0894, 78.6705, 106.2402



81.1136, 78.6705, 98.0986



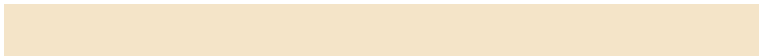
82.4383, 78.6705, 87.1241

# Triad

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



81.1136, 78.6705, 98.0986



75.2839, 78.6705, 66.1258



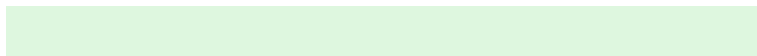
68.2935, 78.6705, 95.3620

# Complementary

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



81.1136, 78.6705, 98.0986



76.7072, 87.3810, 82.6394

# 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.



67.6000, 78.6705, 84.2100



81.1136, 78.6705, 98.0986



71.5537, 78.6705, 67.9235

# Square

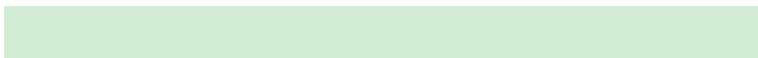
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1136, 78.6705, 98.0986



79.0000, 78.6705, 69.1794



68.7735, 78.6705, 74.3178



70.7014, 78.6705, 104.5671

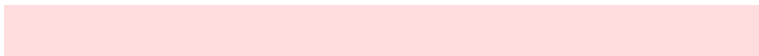


# Rectangle

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



81.1136, 78.6705, 98.0986



82.1470, 78.6705, 79.8976



68.7735, 78.6705, 74.3178



67.8558, 78.6705, 91.6905

# Sweetspot

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



81.1159, 78.6739, 98.1003



92.6087, 95.1961, 107.8433



73.2933, 74.6234, 98.5378



19.6859, 20.1081, 23.0236



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.



81.1159, 78.6739, 98.1003



85.8568, 81.9280, 104.8662



79.2851, 77.9416, 88.4593



17.1833, 16.7562, 20.7118



28.3927, 13.7005, 43.6379



2.5042, 1.2076, 3.8815



# Inverse Universe

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



81.1159, 78.6739, 98.1003



85.8568, 81.9280, 104.8662



78.4313, 88.0707, 91.7182



17.1833, 16.7562, 20.7118



28.3927, 13.7005, 43.6379

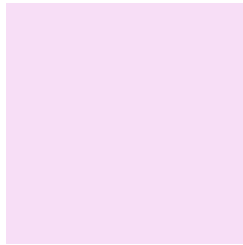


2.5042, 1.2076, 3.8815



# Previews

## White Background



This preview shows how the XYZ color 81.1136, 78.6705, 98.0986 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

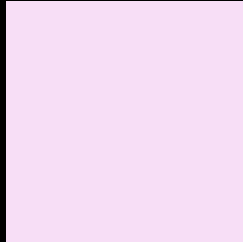
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 81.1136, 78.6705, 98.0986 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

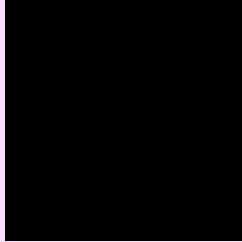
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 81.1136, 78.6705, 98.0986

## Background



This preview shows how black text looks on a background with the XYZ color 81.1136, 78.6705, 98.0986.



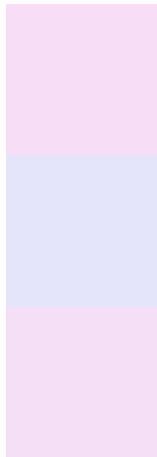
This preview shows how white text looks on a background with the XYZ color 81.1136, 78.6705,



# 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

81.1136, 78.6705, 98.0986

### Protanopia

76.9936, 78.8829, 101.6104

### Deuteranopia

80.3305, 78.6623, 98.1382



## Tritanopia

80.1219, 78.6595, 93.3980

# Trichromacy



## Original Color

81.1136, 78.6705, 98.0986

## Protanomaly

78.5562, 78.8944, 100.7103

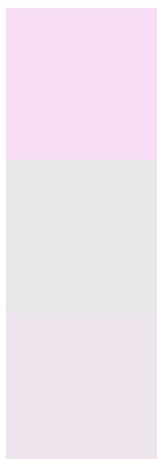
## Deuteranomaly

80.6784, 78.8417, 98.1545

## Tritanomaly

80.4207, 78.7790, 94.9716

# Monochromacy



## Original Color

81.1136, 78.6705, 98.0986

## Achromatopsia

76.7008, 80.6952, 87.8771

## Achromatomaly

77.9545, 79.6058, 91.3776

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 81.1136, 78.6705, 98.0986 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(247, 222, 246)` looks like.

```
.text, #text, p{  
    color:rgb(247, 222, 246)  
}
```

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(247, 222, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 222, 246) }
```

## Border

The CSS property to change the border of an element to XYZ 81.1136, 78.6705, 98.0986 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(247, 222, 246) }
```



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

```
.border{ border-color:rgb(247, 222, 246) }
```

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

Here you see how a box with a 4 pixel rgb(247, 222, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 222, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 222, 246);  
box-shadow:4px 4px 4px 4px rgb(247, 222,  
246) }
```

# Background

The CSS property to change the background color of an element to XYZ 81.1136, 78.6705, 98.0986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 222, 246) }
```

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

```
.background{ background-color: rgb(247,  
222, 246) }
```

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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