

# Converting Colors

XYZ(82.6124, 78.0724, 88.0003)

Have a look what the booklet for  
XYZ(82.6124, 78.0724, 88.0003)  
contains.

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# Color

**XYZ(81.0194, 77.2860,  
87.7383)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDAE9
RGB	255, 218, 233
RGB Percent	100%, 85%, 91%
CMY	0.0000, 0.1451, 0.0863
CMYK	0.00, 0.15, 0.09, 0.00
HSL	336°, 100%, 93%
HSV	336°, 15%, 100%
XYZ	81.0194, 77.2860, 87.7383
YIQ	230.7730, 17.2370, 12.5090

# Conversions

## Conversions Part 2

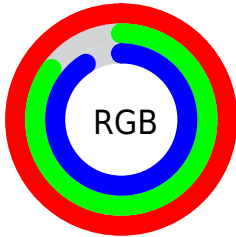
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 218, 233
Decimal	16767721
CIE Lab	90.45, 15.23, -2.57
CIE LCh	90, 15.448, 350.417
Yxy	77.2860, 0.3293, 0.3141
Android (android.graphics.Color)	4294957801 (0xFFFFDAE9)
YUV	230.7730, 1.0979, 21.2471
Hunter-Lab	87.9125, 10.6573, 2.3662

# Details

The XYZ color **81.0194, 77.2860, 87.7383** is a light color, and the websafe version is hex **FFCCCC**, and the color name is **mimi pink**. A complement of this color would be **80.4041, 92.7179, 96.1002**, and the grayscale version is **75.7716, 79.7176, 86.8125**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3217, 41.3745, 47.2450** is the 20% darker color. If you saturate the color by 10%, you get **72.8346, 64.2353, 74.7783**, and if you desaturate by 10%, it is **90.4111, 92.4520, 102.0211**.

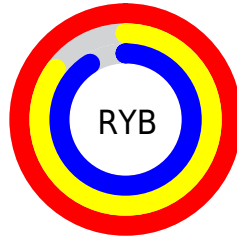
# Distribution



Red (100%)

Green (85%)

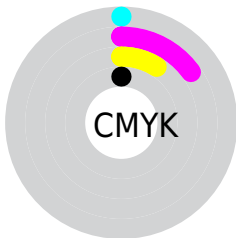
Blue (91%)



Red (100%)

Yellow (85%)

Blue (91%)

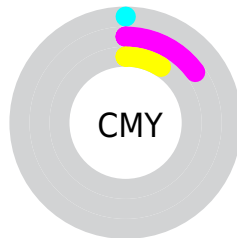


Cyan (0%)

Magenta (15%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (15%)


Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 81.0194, 77.2860, 87.7383 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 81.0194, 77.2860, 87.7383 by changing the saturation by 10% instead.



 81.0194, 77.2860,  
87.7383

 81.0194, 77.2860,  
87.7383


487.0460,  
485.7386, 541.0249

 60.8689, 57.4876,  
65.5433


133.7410,  
129.5431, 146.1007

 44.3715, 41.3969,  
47.4476


167.0429,  
162.7707, 183.1051

 31.1619, 28.6293,  
33.0327

205.4592,  
201.2434, 225.8831

 20.8746, 18.8006,  
21.8802

249.3555,  
245.3457, 274.8531

 13.1443, 11.5263,  
13.5714

299.0969,  
295.4620, 330.4338

 7.6057, 6.4220,  
7.6879

355.0489,

 3.8933, 3.1033,

351.9766, 393.0436

3.8110

417.5768,  
415.2740, 463.1012

■ 1.6420, 1.1859,  
1.5222

■ 0.4195, 0.0502,  
0.2344

■ 81.0194, 77.2860,  
87.7383

■ 81.0194, 77.2860,  
87.7383

■ 72.8346, 64.2353,  
74.7783

■ 90.4111, 92.4520,  
102.0211

■ 65.8005, 53.1959,  
63.0964

95.0500, 100.0000,  
108.9000

■ 59.8641, 44.0691,  
52.6519

■ 54.9659, 36.7441,  
43.4000

■ 51.0405, 31.0986,  
35.2930

■ 48.0146, 26.9949,  
28.2789

■ 45.8036, 24.2731,  
22.3006

■ 44.3047, 22.7373,  
17.2933

■ 43.7065, 22.2466,  
14.9184

# Harmonies

## Analogous

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



79.3258, 77.2860, 98.4297



81.0194, 77.2860, 87.7383



80.6330, 77.2860, 76.9542

# Triad

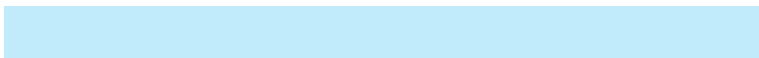
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0194, 77.2860, 87.7383



70.9000, 77.2860, 65.7673



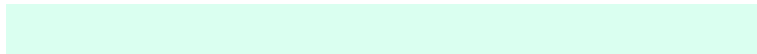
68.8312, 77.2860, 101.6129

# Complementary

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



81.0194, 77.2860, 87.7383



80.4041, 92.7179, 96.1002

# 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.



66.7219, 77.2860, 91.7838



81.0194, 77.2860, 87.7383



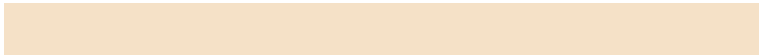
67.8870, 77.2860, 71.3252

# Square

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



81.0194, 77.2860, 87.7383



74.7000, 77.2860, 64.8901



66.3824, 77.2860, 80.6635



72.2298, 77.2860, 106.8903

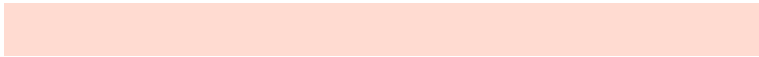


# Rectangle

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



81.0194, 77.2860, 87.7383



79.2527, 77.2860, 71.1130



66.3824, 77.2860, 80.6635



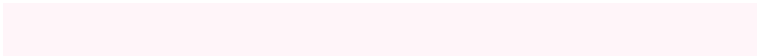
67.9529, 77.2860, 98.6933

# Sweetspot

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



81.0211, 77.2892, 87.7399



90.9206, 93.2793, 102.7817



78.9177, 75.8188, 105.0828



19.2993, 19.7035, 21.7585



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

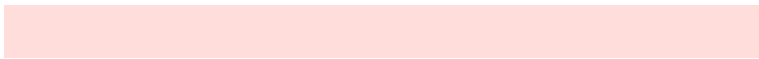
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0211, 77.2892, 87.7399



78.8699, 73.8417, 84.3873



79.7756, 78.0821, 77.2005



18.3145, 18.1091, 20.2734



22.9069, 11.6520, 8.1601



2.2828, 1.1555, 1.0707



# Inverse Universe

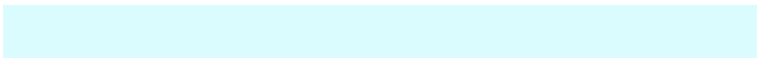
The Inverse Universe completely reimagines the original color for something new.



81.0211, 77.2892, 87.7399



78.8699, 73.8417, 84.3873



81.7496, 91.6951, 107.9980



18.3145, 18.1091, 20.2734



22.9069, 11.6520, 8.1601



2.2828, 1.1555, 1.0707



# Previews

## White Background



This preview shows how the XYZ color 81.0194, 77.2860, 87.7383 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

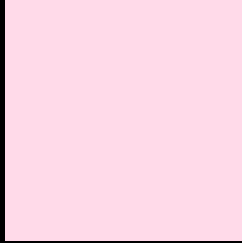
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 81.0194, 77.2860, 87.7383 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 81.0194, 77.2860, 87.7383**

## **Background**



This preview shows how black text looks on a background with the XYZ color 81.0194, 77.2860, 87.7383.



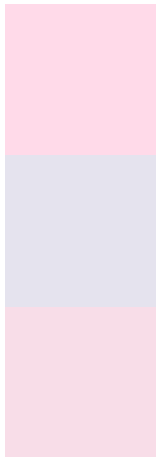
This preview shows how white text looks on a background with the XYZ color 81.0194, 77.2860,

87.7383.

# 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

81.0194, 77.2860, 87.7383

### Protanopia

75.2148, 77.7692, 91.9356

### Deuteranopia

79.1333, 77.4956, 87.1313



## Tritanopia

81.3068, 77.4010, 89.2518

# Trichromacy



## Original Color

81.0194, 77.2860, 87.7383

## Protanomaly

77.0559, 77.5446, 90.2632

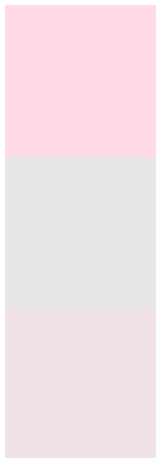
## Deuteranomaly

79.9423, 77.5218, 87.0937

## Tritanomaly

81.1627, 77.3433, 88.4929

# Monochromacy



## Original Color

81.0194, 77.2860, 87.7383

## Achromatopsia

75.9547, 79.9103, 87.0223

## Achromatomaly

77.6970, 78.7442, 87.4480

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 81.0194, 77.2860, 87.7383 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, 218, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 233)  
}
```

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, 218, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 233) }
```

## Border

The CSS property to change the border of an element to XYZ 81.0194, 77.2860, 87.7383 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, 218, 233) }
```



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

```
.border{ border-color:rgb(255, 218, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
233) }
```

# Background

The CSS property to change the background color of an element to XYZ 81.0194, 77.2860, 87.7383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 233) }
```

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

```
.background{ background-color: rgb(255,  
218, 233) }
```

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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