

# Converting Colors

XYZ(77.1818, 73.8191, 85.7819)

Have a look what the booklet for XYZ(77.1818, 73.8191, 85.7819) contains.

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# Color

**XYZ(77.1818, 73.8191,  
85.7819)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F8D6E7
RGB	248, 214, 231
RGB Percent	97%, 84%, 91%
CMY	0.0274, 0.1608, 0.0941
CMYK	0.00, 0.14, 0.07, 0.03
HSL	330°, 71%, 91%
HSV	330°, 14%, 97%
XYZ	77.1818, 73.8191, 85.7819
YIQ	226.1040, 14.8070, 12.4950

# Conversions

## Conversions Part 2

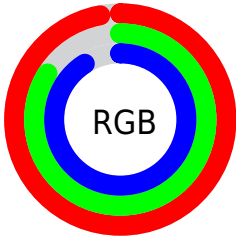
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	248, 214, 231
Decimal	16307943
CIE Lab	88.84, 14.59, -3.96
CIE LCh	89, 15.121, 344.801
Yxy	73.8191, 0.3260, 0.3118
Android (android.graphics.Color)	4294498023 (0xFFFF8D6E7)
YUV	226.1040, 2.4137, 19.2028
Hunter-Lab	85.9180, 9.9933, 0.9466

# Details

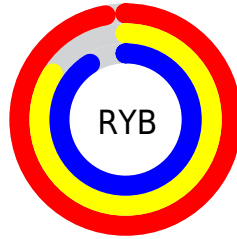
The XYZ color **77.1818, 73.8191, 85.7819** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.7257, 87.2025, 88.4461**, and the grayscale version is **72.3413, 76.1087, 82.8824**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6219, 38.9678, 45.8853** is the 20% darker color. If you saturate the color by 10%, you get **69.6873, 61.5338, 74.9462**, and if you desaturate by 10%, it is **85.7602, 88.0715, 97.5930**.

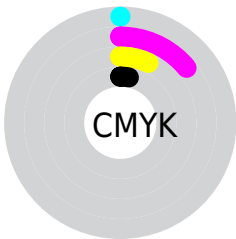
# Distribution



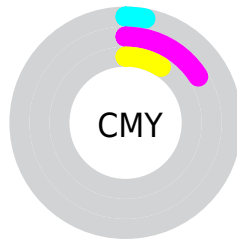
- Red (97%)
- Green (84%)
- Blue (91%)



- Red (97%)
- Yellow (84%)
- Blue (91%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (3%)




- Cyan (3%)
- Magenta (16%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1818, 73.8191, 85.7819 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 77.1818, 73.8191, 85.7819 by changing the saturation by 10% instead.




 77.1818, 73.8191,  
85.7819

 77.1818, 73.8191,  
85.7819

474.2661,  
473.8488, 534.4237

 57.7025, 54.6460,  
63.9338


128.3676,  
124.6393, 143.3489

 41.8119, 39.1184,  
46.1512


160.8048,  
157.0553, 179.9049

 29.1445, 26.8518,  
32.0156


198.2920,  
194.6542, 222.2007

 19.3350, 17.4620,  
21.1085

241.1946,  
237.8207, 270.6546

 12.0180, 10.5644,  
13.0113

289.8780,  
286.9389, 325.6853

 6.8282, 5.7748,  
7.3055

344.7075,

 3.4003, 2.7086,

342.3934, 387.7114

3.5726

406.0484,  
404.5686, 457.1514

■ 1.3688, 0.9816,  
1.3939

■ 0.2338, 0.0000,  
0.1370

■ 77.1818, 73.8191,  
85.7819

■ 77.1818, 73.8191,  
85.7819

■ 69.6873, 61.5338,  
74.9462

■ 85.7602, 88.0715,  
97.5930

■ 63.2247, 51.1189,  
65.0535

■ 92.5219, 98.6967,  
108.7817

■ 57.7472, 42.4836,  
56.0758

■ 53.2015, 35.5262,  
47.9821

■ 49.5293, 30.1342,  
40.7388

■ 46.6650, 26.1813,  
34.3098

■ 44.5330, 23.5212,  
28.6547

■ 43.0418, 21.9758,  
23.7272

■ 42.3490, 21.4116,  
20.9647

# Harmonies

## Analogous

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



75.2439, 73.8191, 95.5562



77.1818, 73.8191, 85.7819



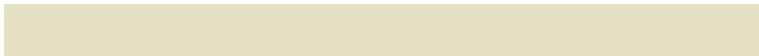
77.1953, 73.8191, 75.3327

# Triad

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



77.1818, 73.8191, 85.7819



68.3789, 73.8191, 62.4086



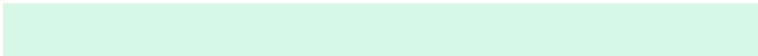
65.2828, 73.8191, 95.4449

# Complementary

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



77.1818, 73.8191, 85.7819



75.7257, 87.2025, 88.4461

# 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.



63.5710, 73.8191, 85.6405



77.1818, 73.8191, 85.7819



65.3158, 73.8191, 66.8960

# Square

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



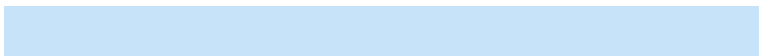
77.1818, 73.8191, 85.7819



72.0257, 73.8191, 62.4393



63.5829, 73.8191, 75.2030



68.3324, 73.8191, 101.4567

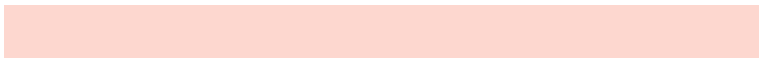


# Rectangle

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



77.1818, 73.8191, 85.7819



76.1069, 73.8191, 69.4047



63.5829, 73.8191, 75.2030



64.5366, 73.8191, 92.4475

# Sweetspot

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



77.1839, 73.8223, 85.7835



91.0715, 93.3397, 103.5761



73.9477, 71.8629, 98.7815



19.3375, 19.7188, 21.9593



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

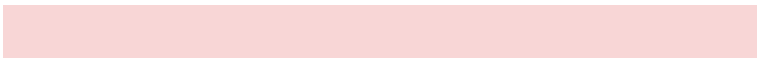
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.1839, 73.8223, 85.7835



80.2745, 75.4293, 88.6211



74.8982, 72.9081, 73.7473



17.6065, 17.3700, 19.7838



22.9475, 11.5947, 11.6980



2.1788, 1.0953, 1.3652



# Inverse Universe

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



77.1839, 73.8223, 85.7835



80.2745, 75.4293, 88.6211



78.2445, 88.2101, 101.7104



17.6065, 17.3700, 19.7838



22.9475, 11.5947, 11.6980

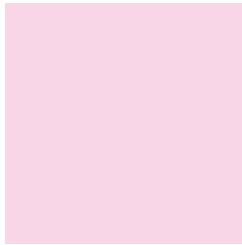


2.1788, 1.0953, 1.3652



# Previews

## White Background



This preview shows how the XYZ color 77.1818, 73.8191, 85.7819 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

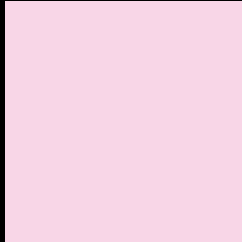
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 77.1818, 73.8191, 85.7819 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

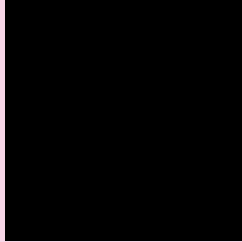
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 77.1818, 73.8191, 85.7819**

## **Background**



This preview shows how black text looks on a background with the XYZ color 77.1818, 73.8191, 85.7819.



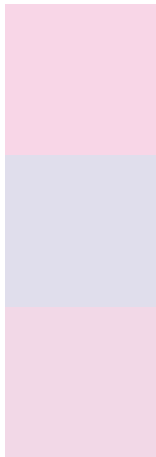
This preview shows how white text looks on a background with the XYZ color 77.1818, 73.8191,

85.7819.

# 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

77.1818, 73.8191, 85.7819

### Protanopia

72.0021, 74.1460, 89.8736

### Deuteranopia

75.5976, 73.7585, 85.8537



## Tritanopia

77.1818, 73.8191, 85.7819

# Trichromacy



## Original Color

77.1818, 73.8191, 85.7819

## Protanomaly

73.7871, 73.9272, 88.2223

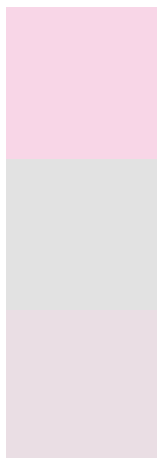
## Deuteranomaly

76.0325, 73.6035, 85.8009

## Tritanomaly

77.1818, 73.8191, 85.7819

# Monochromacy



## Original Color

77.1818, 73.8191, 85.7819

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

74.0566, 75.3364, 84.0370

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 77.1818, 73.8191, 85.7819 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(248, 214, 231) looks like.

```
.text, #text, p{  
    color:rgb(248, 214, 231)  
}
```

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(248, 214, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 214, 231) }
```

## Border

The CSS property to change the border of an element to XYZ 77.1818, 73.8191, 85.7819 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(248, 214, 231) }
```



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

```
.border{ border-color:rgb(248, 214, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 214, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 214, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 214, 231);  
box-shadow:4px 4px 4px 4px rgb(248, 214,  
231) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.1818, 73.8191, 85.7819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 214, 231) }
```

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

```
.background{ background-color: rgb(248,  
214, 231) }
```

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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