

# Converting Colors

XYZ(77.1262, 73.1996, 79.5662)

Have a look what the booklet for  
XYZ(77.1262, 73.1996, 79.5662)  
contains.

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# Color

**XYZ(77.0077, 73.1101,  
79.8650)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FCD4DF
RGB	252, 212, 223
RGB Percent	99%, 83%, 87%
CMY	0.0118, 0.1686, 0.1255
CMYK	0.00, 0.16, 0.12, 0.01
HSL	344°, 87%, 91%
HSV	344°, 16%, 99%
XYZ	77.0077, 73.1101, 79.8650
YIQ	225.2140, 20.3090, 11.9010

# Conversions

## Conversions Part 2

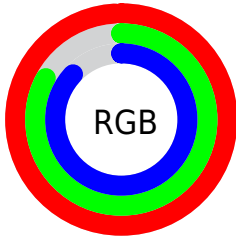
Format	Color
R <sub>Y</sub> B	252, 212, 223
Decimal	16569567
CIE Lab	88.50, 15.69, -0.20
CIE LCh	89, 15.694, 359.283
Yxy	73.1101, 0.3348, 0.3179
Android (android.graphics.Color)	4294759647 (0xFFFC4DF)
YUV	225.2140, -1.0915, 23.4913
Hunter-Lab	85.5044, 11.1293, 4.4736

# Details

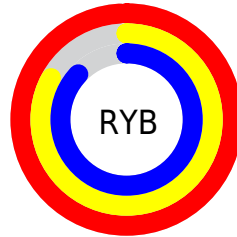
The XYZ color **77.0077, 73.1101, 79.8650** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.8419, 89.9707, 96.4868**, and the grayscale version is **71.7210, 75.4561, 82.1717**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6305, 38.5432, 42.2912** is the 20% darker color. If you saturate the color by 10%, you get **68.8613, 60.5487, 65.6442**, and if you desaturate by 10%, it is **86.4073, 87.7506, 95.8169**.

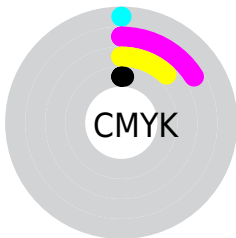
# Distribution



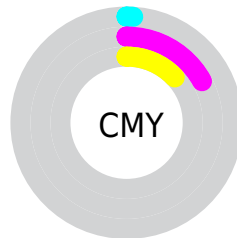
- Red (99%)
- Green (83%)
- Blue (87%)



- Red (99%)
- Yellow (83%)
- Blue (87%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (1%)



- Cyan (1%)
- Magenta (17%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0077, 73.1101, 79.8650 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 77.0077, 73.1101, 79.8650 by changing the saturation by 10% instead.




 77.0077, 73.1101,  
79.8650

 77.0077, 73.1101,  
79.8650


473.6818,  
471.3963, 514.1725

 57.5591, 54.0660,  
59.0818


128.1231,  
123.6335, 134.9856

 41.6962, 38.6544,  
42.2585


160.5207,  
155.8816, 170.1600

 29.0536, 26.4910,  
28.9767


197.9654,  
193.2998, 210.9686

 19.2658, 17.1913,  
18.8177

240.8224,  
236.2725, 257.8299

 11.9677, 10.3710,  
11.3632

289.4572,  
285.1841, 311.1623

 6.7937, 5.6456,  
6.1944

344.2352,

 3.3786, 2.6308,

340.4190, 371.3846

2.8930

405.5216,  
402.3616, 438.9151

■ 1.3570, 0.9422,  
1.0402

■ 0.2253, 0.0000,  
0.0000

■ 77.0077, 73.1101,  
79.8650

■ 77.0077, 73.1101,  
79.8650

■ 68.8613, 60.5487,  
65.6442

■ 86.4073, 87.7506,  
95.8169

■ 61.9079, 49.9623,  
53.0906

■ 93.9553, 99.4357,  
108.8488

■ 56.0919, 41.2525,  
42.1426

■ 51.3503, 34.3086,  
32.7334

■ 47.6139, 29.0082,  
24.7910

■ 44.8052, 25.2130,  
18.2371

■ 42.8343, 22.7616,  
12.9855

■ 41.5917, 21.4549,  
8.9380

■ 41.2283, 21.1288,  
7.5814

# Harmonies

## Analogous

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



75.9222, 73.1101, 90.7096



77.0077, 73.1101, 79.8650



76.0186, 73.1101, 69.8572

# Triad

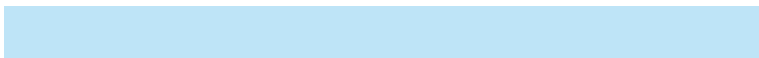
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.0077, 73.1101, 79.8650



65.9965, 73.1101, 62.8045



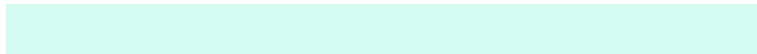
65.8445, 73.1101, 98.8603

# Complementary

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



77.0077, 73.1101, 79.8650



77.8419, 89.9707, 96.4868

# 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.



63.3443, 73.1101, 90.2188



77.0077, 73.1101, 79.8650



63.4298, 73.1101, 69.4448

# Square

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



77.0077, 73.1101, 79.8650



69.5799, 73.1101, 60.5635



62.4763, 73.1101, 79.3445



69.3981, 73.1101, 102.2687

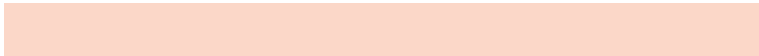


# Rectangle

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



77.0077, 73.1101, 79.8650



74.3355, 73.1101, 64.8560



62.4763, 73.1101, 79.3445



64.8578, 73.1101, 96.4348

# Sweetspot

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



77.0098, 73.1134, 79.8665



89.6636, 91.5520, 99.9375



77.2786, 72.7608, 102.0677



19.0355, 19.3514, 21.1291



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

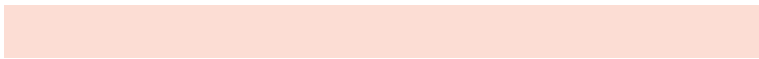
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.0098, 73.1134, 79.8665



76.3450, 70.8283, 77.2674



77.7995, 76.9890, 73.0511



17.4407, 17.3036, 18.9102



21.5290, 11.0273, 4.2282



2.0366, 1.0384, 0.6163



# Inverse Universe

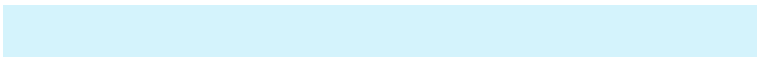
The Inverse Universe completely reimagines the original color for something new.



77.0098, 73.1134, 79.8665



76.3450, 70.8283, 77.2674



76.8751, 85.3285, 104.5148



17.4407, 17.3036, 18.9102



21.5290, 11.0273, 4.2282

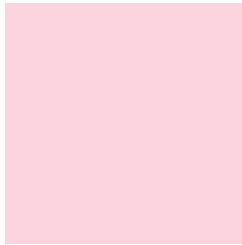


2.0366, 1.0384, 0.6163



# Previews

## White Background



This preview shows how the XYZ color 77.0077, 73.1101, 79.8650 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

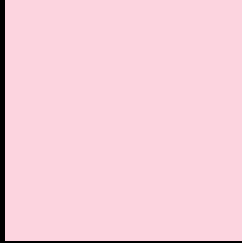
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 77.0077, 73.1101, 79.8650 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

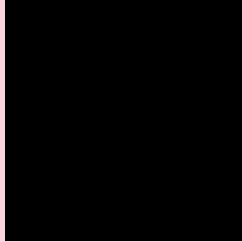
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 77.0077, 73.1101, 79.8650

## Background



This preview shows how black text looks on a background with the XYZ color 77.0077, 73.1101, 79.8650.



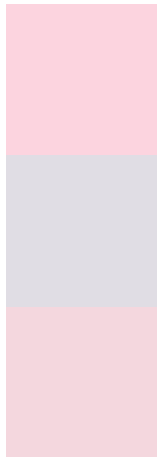
This preview shows how white text looks on a background with the XYZ color 77.0077, 73.1101,

79.8650.

# 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

77.0077, 73.1101, 79.8650

### Protanopia

70.6005, 73.1616, 83.7993

### Deuteranopia

74.7935, 73.1079, 79.2764



## Tritanopia

77.8059, 73.0726, 83.4024

# Trichromacy



## Original Color

77.0077, 73.1101, 79.8650

## Protanomaly

72.7306, 73.1262, 82.2330

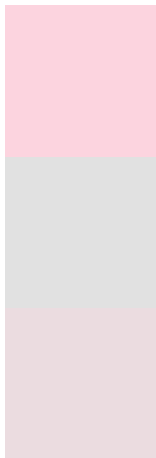
## Deuteranomaly

75.5892, 73.1412, 79.2409

## Tritanomaly

77.5297, 72.9622, 81.9484

# Monochromacy



## Original Color

77.0077, 73.1101, 79.8650

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

73.3087, 74.2304, 80.9851

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 77.0077, 73.1101, 79.8650 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(252, 212, 223)` looks like.

```
.text, #text, p{  
    color:rgb(252, 212, 223)  
}
```

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(252, 212, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 212, 223) }
```

## Border

The CSS property to change the border of an element to XYZ 77.0077, 73.1101, 79.8650 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(252, 212, 223) }
```



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

```
.border{ border-color:rgb(252, 212, 223) }
```

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

Here you see how a box with a 4 pixel rgb(252, 212, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 212, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 212, 223);  
box-shadow:4px 4px 4px 4px rgb(252, 212,  
223) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.0077, 73.1101, 79.8650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 212, 223) }
```

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

```
.background{ background-color: rgb(252,  
212, 223) }
```

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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