

# Converting Colors

XYZ(70.9016, 66.0500, 77.4220)

Have a look what the booklet for  
XYZ(70.9016, 66.0500, 77.4220)  
contains.

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# Color

**XYZ(70.8999, 66.0484,  
77.4184)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3C9DD
RGB	243, 201, 221
RGB Percent	95%, 79%, 87%
CMY	0.0471, 0.2117, 0.1333
CMYK	0.00, 0.17, 0.09, 0.05
HSL	331°, 64%, 87%
HSV	331°, 17%, 95%
XYZ	70.8999, 66.0484, 77.4184
YIQ	215.8380, 18.6120, 15.1240

# Conversions

## Conversions Part 2

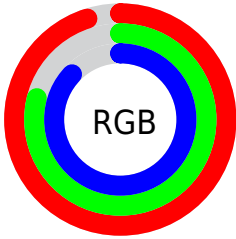
Format	Color
R <sub>Y</sub> B	243, 201, 221
Decimal	15976925
CIE Lab	85.02, 18.02, -4.33
CIE LCh	85, 18.538, 346.480
Yxy	66.0484, 0.3307, 0.3081
Android (android.graphics.Color)	4294167005 (0xFFFF3C9DD)
YUV	215.8380, 2.5449, 23.8211
Hunter-Lab	81.2702, 13.5002, 0.4091

# Details

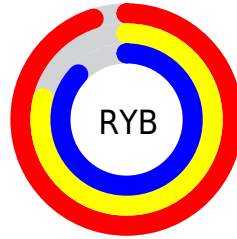
The XYZ color **70.8999, 66.0484, 77.4184** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.4598, 81.8481, 81.9532**, and the grayscale version is **65.1359, 68.5280, 74.6270**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8102, 34.1854, 40.6820** is the 20% darker color. If you saturate the color by 10%, you get **64.0452, 54.9504, 67.0807**, and if you desaturate by 10%, it is **78.7831, 78.9959, 88.7350**.

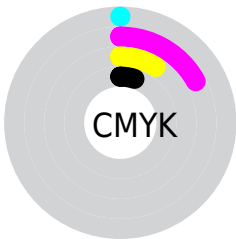
# Distribution



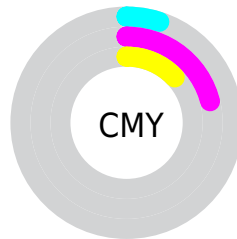
- Red (95%)
- Green (79%)
- Blue (87%)



- Red (95%)
- Yellow (79%)
- Blue (87%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (5%)




- Cyan (5%)
- Magenta (21%)
- Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8999, 66.0484, 77.4184 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 70.8999, 66.0484, 77.4184 by changing the saturation by 10% instead.




 70.8999, 66.0484,  
77.4184

 70.8999, 66.0484,  
77.4184


452.9207,  
446.5500, 505.6649

 52.5428, 48.3117,  
57.0827


119.5105,  
113.5558, 131.5083

 37.6639, 34.0738,  
40.6619

150.4946,  
144.0953, 166.0997

 25.8980, 22.9503,  
27.7373


186.4185,  
179.6711, 206.2800

 16.8796, 14.5568,  
17.8904

227.6474,  
220.6678, 252.4678

 10.2435, 8.5089,  
10.7027

274.5467,  
267.4696, 305.0816

 5.6242, 4.4223,  
5.7556

327.4818,

 2.6564, 1.9125,

320.4609, 364.5401

2.6307

386.8180,  
380.0263, 431.2616

■ 0.9748, 0.5559,  
0.9082

■ 0.0000, 0.0000,  
0.0000

■ 70.8999, 66.0484,  
77.4184

■ 70.8999, 66.0484,  
77.4184

■ 64.0452, 54.9504,  
67.0807

■ 78.7831, 78.9959,  
88.7350

■ 58.1684, 45.6079,  
57.6888

■ 87.7312, 93.8636,  
101.0538

■ 53.2231, 37.9318,  
49.2135

■ 90.7725, 97.7949,  
108.6998

■ 49.1567, 31.8217,  
41.6222

■ 45.9110, 27.1664,  
34.8800

■ 43.4202, 23.8395,  
28.9486

■ 41.6075, 21.6929,  
23.7854

■ 40.3737, 20.5341,  
19.3395

■ 40.0976, 20.3089,  
18.2390

# Harmonies

## Analogous

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



68.7724, 66.0484, 88.9149



70.8999, 66.0484, 77.4184



70.7837, 66.0484, 65.5960

# Triad

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



70.8999, 66.0484, 77.4184



60.5298, 66.0484, 52.0670



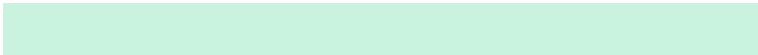
57.4161, 66.0484, 89.8848

# Complementary

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



70.8999, 66.0484, 77.4184



69.4598, 81.8481, 81.9532

# 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.



55.3981, 66.0484, 78.6283



70.8999, 66.0484, 77.4184



57.1406, 66.0484, 57.2338

# Square

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



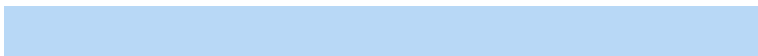
70.8999, 66.0484, 77.4184



64.6702, 66.0484, 51.8198



55.2995, 66.0484, 66.6797



60.9212, 66.0484, 96.6320



# Rectangle

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



70.8999, 66.0484, 77.4184



69.4471, 66.0484, 59.1088



55.2995, 66.0484, 66.6797



56.5483, 66.0484, 86.4500

# Sweetspot

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



70.9018, 66.0513, 77.4198



90.0597, 91.7104, 102.0233



67.4059, 63.8879, 93.5738



19.1316, 19.3898, 21.6352



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

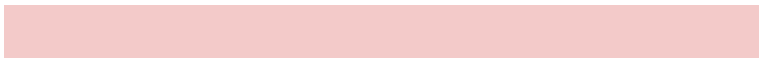
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.9018, 66.0513, 77.4198



76.0896, 68.7866, 81.9017



68.5573, 65.3752, 64.2672



16.8277, 16.6139, 18.8392



22.0740, 11.1730, 10.3639



1.9917, 1.0026, 1.1825



# Inverse Universe

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



70.9018, 66.0513, 77.4198



76.0896, 68.7866, 81.9017



72.1086, 82.5731, 96.9325



16.8277, 16.6139, 18.8392



22.0740, 11.1730, 10.3639

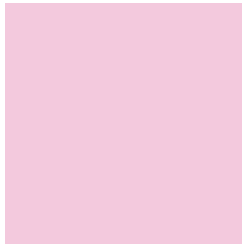


1.9917, 1.0026, 1.1825



# Previews

## White Background



This preview shows how the XYZ color 70.8999, 66.0484, 77.4184 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

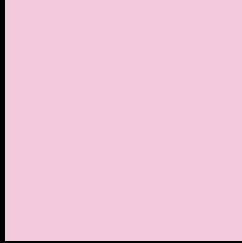
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 70.8999, 66.0484, 77.4184 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

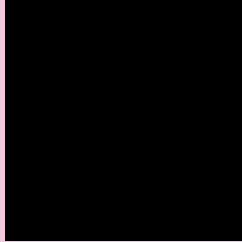
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 70.8999, 66.0484, 77.4184

## Background



This preview shows how black text looks on a background with the XYZ color 70.8999, 66.0484, 77.4184.



This preview shows how white text looks on a background with the XYZ color 70.8999, 66.0484,



# 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

70.8999, 66.0484, 77.4184

### Protanopia

64.3108, 66.1316, 82.0482

### Deuteranopia

67.6227, 66.1329, 76.9110



## Tritanopia

70.6071, 66.3055, 74.7225

# Trichromacy



## Original Color

70.8999, 66.0484, 77.4184

## Protanomaly

66.3349, 65.7499, 80.4289

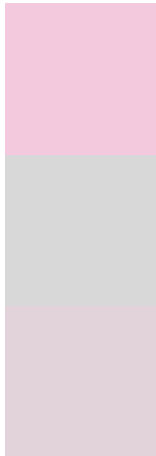
## Deuteranomaly

68.7721, 66.0152, 76.8277

## Tritanomaly

70.7376, 66.3577, 75.4097

# Monochromacy



## Original Color

70.8999, 66.0484, 77.4184

## Achromatopsia

65.2694, 68.6685, 74.7800

## Achromatomaly

67.3132, 67.8192, 75.8723

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 70.8999, 66.0484, 77.4184 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(243, 201, 221)` looks like.

```
.text, #text, p{  
    color:rgb(243, 201, 221)  
}
```

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(243, 201, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 201, 221) }
```

## Border

The CSS property to change the border of an element to XYZ 70.8999, 66.0484, 77.4184 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(243, 201, 221) }
```



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

```
.border{ border-color:rgb(243, 201, 221) }
```

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

Here you see how a box with a 4 pixel rgb(243, 201, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 201, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 201, 221);  
box-shadow:4px 4px 4px 4px rgb(243, 201,  
221) }
```

# Background

The CSS property to change the background color of an element to XYZ 70.8999, 66.0484, 77.4184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 201, 221) }
```

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

```
.background{ background-color: rgb(243,  
201, 221) }
```

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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