

# Converting Colors

XYZ(74.3092, 71.7092, 78.9542)

Have a look what the booklet for  
XYZ(74.3092, 71.7092, 78.9542)  
contains.

<b>XYZ(74.3845, 71.7734, 79.0404)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(74.3845, 71.7734,  
79.0404)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F5D4DE
RGB	245, 212, 222
RGB Percent	96%, 83%, 87%
CMY	0.0392, 0.1686, 0.1294
CMYK	0.00, 0.13, 0.09, 0.04
HSL	342°, 62%, 90%
HSV	342°, 13%, 96%
XYZ	74.3845, 71.7734, 79.0404
YIQ	223.0070, 16.4580, 10.1060

# Conversions

## Conversions Part 2

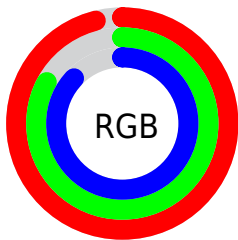
Format	Color
R <sub>Y</sub> B	245, 212, 222
Decimal	16110814
CIE Lab	87.86, 13.10, -0.68
CIE LCh	88, 13.118, 357.036
Yxy	71.7734, 0.3303, 0.3187
Android (android.graphics.Color)	4294300894 (0xFFF5D4DE)
YUV	223.0070, -0.4965, 19.2879
Hunter-Lab	84.7192, 8.4667, 3.9877

# Details

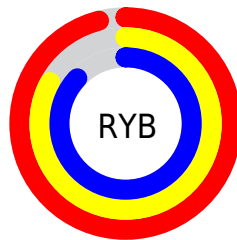
The XYZ color **74.3845, 71.7734, 79.0404** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.8020, 85.3019, 91.1239**, and the grayscale version is **70.1412, 73.7940, 80.3617**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0183, 37.7228, 41.7312** is the 20% darker color. If you saturate the color by 10%, you get **66.5446, 59.5724, 65.7005**, and if you desaturate by 10%, it is **83.3897, 85.9321, 93.9144**.

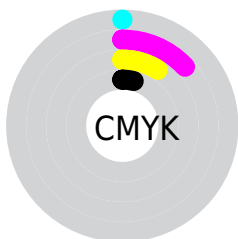
# Distribution



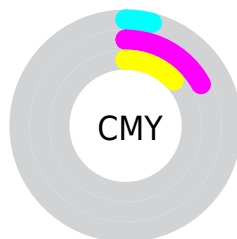
- Red (96%)
- Green (83%)
- Blue (87%)



- Red (96%)
- Yellow (83%)
- Blue (87%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (4%)




- Cyan (4%)
- Magenta (17%)
- Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3845, 71.7734, 79.0404 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 74.3845, 71.7734, 79.0404 by changing the saturation by 10% instead.




 74.3845, 71.7734,  
79.0404

 74.3845, 71.7734,  
79.0404


464.8292,  
466.7525, 511.3142

 55.4012, 52.9736,  
58.4075


124.4333,  
121.7343, 133.8149

 39.9581, 37.7817,  
41.7195


156.2295,  
153.6642, 168.7936

 27.6900, 25.8133,  
28.5578

193.0273,  
190.7396, 209.3914

 18.2313, 16.6840,  
18.5038

235.1922,  
233.3448, 256.0266

 11.2169, 10.0095,  
11.1392

283.0895,  
281.8644, 309.1180

 6.2813, 5.4052,  
6.0452

337.0845,

 3.0591, 2.4869,

336.6825, 369.0841

2.8033

397.5426,  
398.1838, 436.3433

■ 1.1851, 0.8701,  
0.9951

■ 0.0946, 0.0000,  
0.0000

■ 74.3845, 71.7734,  
79.0404

■ 74.3845, 71.7734,  
79.0404

■ 66.5446, 59.5724,  
65.7005

■ 83.3897, 85.9321,  
93.9144

■ 59.8152, 49.2332,  
53.8400

■ 91.4666, 98.1527,  
108.7323

■ 54.1463, 40.6664,  
43.4075

■ 49.4814, 33.7713,  
34.3469

■ 45.7587, 28.4368,  
26.5981

■ 42.9091, 24.5386,  
20.0960

■ 40.8534, 21.9329,  
14.7693

■ 39.4967, 20.4453,  
10.5377

■ 38.9001, 19.9101,  
8.3104

# Harmonies

## Analogous

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



73.3748, 71.7734, 87.8716



74.3845, 71.7734, 79.0404



73.7008, 71.7734, 70.5990

# Triad

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



74.3845, 71.7734, 79.0404



65.5286, 71.7734, 63.8273



65.0072, 71.7734, 93.4632

# Complementary

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



74.3845, 71.7734, 79.0404



74.8020, 85.3019, 91.1239

# 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.



63.0150, 71.7734, 86.2190



74.3845, 71.7734, 79.0404



63.3095, 71.7734, 69.1714

# Square

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



74.3845, 71.7734, 79.0404



68.5290, 71.7734, 62.2211



62.4030, 71.7734, 77.2644



67.9089, 71.7734, 96.5867



# Rectangle

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



74.3845, 71.7734, 79.0404



72.3879, 71.7734, 66.2422



62.4030, 71.7734, 77.2644



64.2123, 71.7734, 91.4034

# Sweetspot

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



74.3865, 71.7766, 79.0419



90.7581, 93.2143, 101.9262



74.1400, 71.2686, 96.2357



19.2583, 19.6871, 21.5423



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

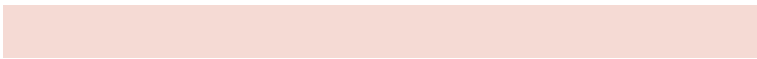
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3865, 71.7766, 79.0419



79.1417, 74.9762, 82.6557



74.6266, 74.3378, 72.7066



16.7058, 16.5652, 18.1971



21.0096, 10.7473, 4.7590



1.8902, 0.9621, 0.6484



# Inverse Universe

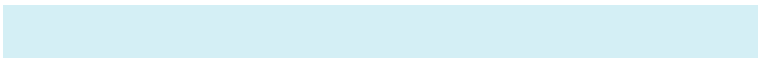
The Inverse Universe completely reimagines the original color for something new.



74.3865, 71.7766, 79.0419



79.1417, 74.9762, 82.6557



74.4871, 82.2954, 98.3458



16.7058, 16.5652, 18.1971



21.0096, 10.7473, 4.7590

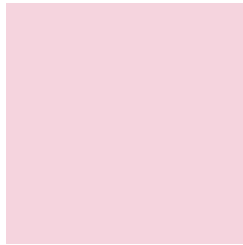


1.8902, 0.9621, 0.6484



# Previews

## White Background



This preview shows how the XYZ color 74.3845, 71.7734, 79.0404 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

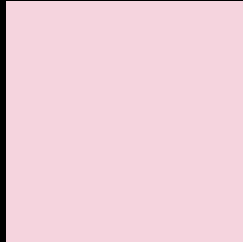
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.3845, 71.7734, 79.0404 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

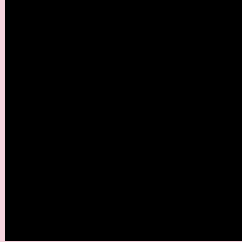
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 74.3845, 71.7734, 79.0404

## Background



This preview shows how black text looks on a background with the XYZ color 74.3845, 71.7734, 79.0404.



This preview shows how white text looks on a background with the XYZ color 74.3845, 71.7734,

79.0404.

# 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

74.3845, 71.7734, 79.0404

### Protanopia

69.4904, 71.8420, 82.1559

### Deuteranopia

73.5070, 72.0678, 79.1435



## Tritanopia

75.3039, 71.7828, 83.2853

# Trichromacy



## Original Color

74.3845, 71.7734, 79.0404

## Protanomaly

71.1015, 71.5369, 81.2947

## Deuteranomaly

73.5970, 71.7397, 79.0754

## Tritanomaly

75.0278, 71.6723, 81.8313

# Monochromacy



## Original Color

74.3845, 71.7734, 79.0404

## Achromatopsia

70.1384, 73.7910, 80.3584

## Achromatomaly

71.6058, 72.9797, 80.1245

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.3845, 71.7734, 79.0404 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(245, 212, 222)` looks like.

```
.text, #text, p{  
    color:rgb(245, 212, 222)  
}
```

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(245, 212, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 212, 222) }
```

## Border

The CSS property to change the border of an element to XYZ 74.3845, 71.7734, 79.0404 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(245, 212, 222) }
```



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

```
.border{ border-color:rgb(245, 212, 222) }
```

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

Here you see how a box with a 4 pixel rgb(245, 212, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 212, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 212, 222);  
box-shadow:4px 4px 4px 4px rgb(245, 212,  
222) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.3845, 71.7734, 79.0404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 212, 222) }
```

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

```
.background{ background-color: rgb(245,  
212, 222) }
```

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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