

# Converting Colors

XYZ(78.0236, 73.8747, 95.4698)

Have a look what the booklet for  
XYZ(78.0236, 73.8747, 95.4698)  
contains.

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# Color

**XYZ(78.0319, 74.0373,  
95.7658)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5D6F4
RGB	245, 214, 244
RGB Percent	96%, 84%, 96%
CMY	0.0392, 0.1608, 0.0431
CMYK	0.00, 0.13, 0.00, 0.04
HSL	302°, 61%, 90%
HSV	302°, 13%, 96%
XYZ	78.0319, 74.0373, 95.7658
YIQ	226.6890, 8.8460, 15.9020

# Conversions

## Conversions Part 2

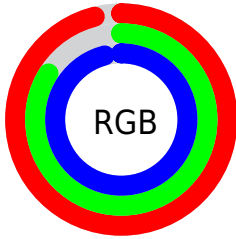
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 214, 244
Decimal	16111348
CIE Lab	88.94, 15.85, -10.69
CIE LCh	89, 19.122, 326.005
Yxy	74.0373, 0.3149, 0.2987
Android (android.graphics.Color)	4294301428 (0xFFFF5D6F4)
YUV	226.6890, 8.5343, 16.0587
Hunter-Lab	86.0449, 11.2984, -5.7568

# Details

The XYZ color **78.0319, 74.0373, 95.7658** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.6526, 84.5094, 76.7767**, and the grayscale version is **72.7252, 76.5126, 83.3222**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4615, 39.2459, 52.9142** is the 20% darker color. If you saturate the color by 10%, you get **72.1728, 62.5096, 93.2226**, and if you desaturate by 10%, it is **84.8284, 87.4367, 98.6258**.

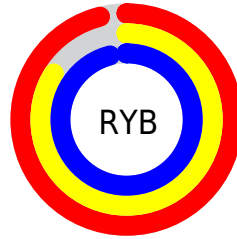
# Distribution



Red (96%)

Green (84%)

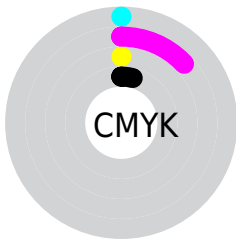
Blue (96%)



Red (96%)

Yellow (84%)

Blue (96%)

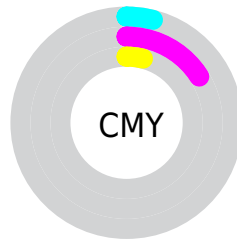


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (4%)

Magenta (16%)


Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 78.0319, 74.0373, 95.7658 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 78.0319, 74.0373, 95.7658 by changing the saturation by 10% instead.



 78.0319, 74.0373,  
95.7658

 78.0319, 74.0373,  
95.7658


477.1133,  
474.6021, 567.6606

 58.4031, 54.8246,  
72.1721


129.5602,  
124.9487, 157.3268

 42.3773, 39.2613,  
52.8116


162.1904,  
157.4161, 196.1313

 29.5892, 26.9630,  
37.2657

199.8851,  
195.0706, 240.8430

 19.6735, 17.5455,  
25.1159

243.0096,  
238.2965, 291.8806

 12.2648, 10.6242,  
15.9436

291.9293,  
287.4782, 349.6626

 6.9978, 5.8147,  
9.3303

347.0096,

 3.5070, 2.7327,

343.0001, 414.6076

4.8575

408.6158,  
405.2466, 487.1341

■ 1.4272, 0.9939,  
2.1066

■ 0.2755, 0.0000,  
0.6197

■ 78.0319, 74.0373,  
95.7658

■ 78.0319, 74.0373,  
95.7658

■ 72.1728, 62.5096,  
93.2226

■ 84.8284, 87.4367,  
98.6258

■ 67.2030, 52.7610,  
90.9774

■ 89.9873, 97.5610,  
100.9416

■ 63.0802, 44.7055,  
89.0171

■ 90.1087, 97.6095,  
101.5808

■ 59.7558, 38.2459,  
87.3255

■ 90.2306, 97.6583,  
102.2227

57.1765, 33.2757,  
85.8848

90.3530, 97.7073,  
102.8673

55.2822, 29.6749,  
84.6750

90.4759, 97.7564,  
103.5146

54.0040, 27.3052,  
83.6730

90.5994, 97.8058,  
104.1647

53.2582, 25.9995,  
82.8510

90.7233, 97.8554,  
104.8175

52.9567, 25.5327,  
82.3308

90.8478, 97.9052,  
105.4731

# Harmonies

## Analogous

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



74.3562, 74.0373, 105.8367



78.0319, 74.0373, 95.7658



79.6539, 74.0373, 82.4078

# Triad

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



78.0319, 74.0373, 95.7658



70.9938, 74.0373, 57.7104



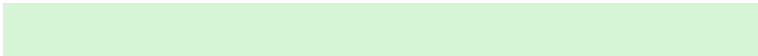
62.6501, 74.0373, 92.3480

# Complementary

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



78.0319, 74.0373, 95.7658



72.6526, 84.5094, 76.7767

# 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.



61.8375, 74.0373, 78.8465



78.0319, 74.0373, 95.7658



66.5293, 74.0373, 59.7553

# Square

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



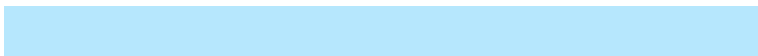
78.0319, 74.0373, 95.7658



75.4790, 74.0373, 61.2256



63.2272, 74.0373, 67.1512



65.4974, 74.0373, 103.7161



# Rectangle

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



78.0319, 74.0373, 95.7658



79.3022, 74.0373, 73.7700



63.2272, 74.0373, 67.1512



62.1355, 74.0373, 87.8688

# Sweetspot

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



78.0341, 74.0405, 95.7674



91.8290, 93.6427, 107.5651



68.4139, 69.0635, 96.1123



19.5296, 19.7957, 22.9710



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.



78.0341, 74.0405, 95.7674



83.8403, 77.8977, 104.1862



75.8458, 73.1652, 84.2440



17.1892, 16.7585, 20.7427



28.5389, 13.7590, 44.4078



2.5154, 1.2121, 3.9406



# Inverse Universe

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



78.0341, 74.0405, 95.7674



83.8403, 77.8977, 104.1862



74.6719, 85.3171, 87.4100



17.1892, 16.7585, 20.7427



28.5389, 13.7590, 44.4078



2.5154, 1.2121, 3.9406



# Previews

## White Background



This preview shows how the XYZ color 78.0319, 74.0373, 95.7658 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

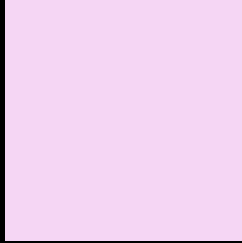
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 78.0319, 74.0373, 95.7658 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

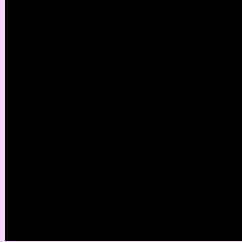
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 78.0319, 74.0373, 95.7658**

## **Background**



This preview shows how black text looks on a background with the XYZ color 78.0319, 74.0373, 95.7658.



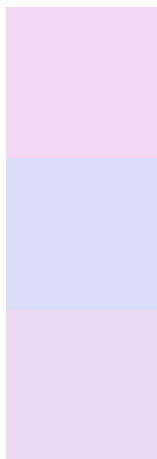
This preview shows how white text looks on a background with the XYZ color 78.0319, 74.0373,

95.7658.

# 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

78.0319, 74.0373, 95.7658

### Protanopia

72.7354, 74.2977, 100.1299

### Deuteranopia

75.5826, 73.9296, 95.0802



## Tritanopia

76.2260, 74.0496, 87.3663

# Trichromacy



## Original Color

78.0319, 74.0373, 95.7658

## Protanomaly

74.4331, 74.0364, 98.3631

## Deuteranomaly

76.3301, 73.9335, 95.0416

## Tritanomaly

76.8947, 73.9484, 90.3414

# Monochromacy



## Original Color

78.0319, 74.0373, 95.7658

## Achromatopsia

73.0128, 76.8151, 83.6517

## Achromatomaly

74.7609, 75.6182, 87.7462

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 78.0319, 74.0373, 95.7658 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, 214, 244)` looks like.

```
.text, #text, p{  
    color:rgb(245, 214, 244)  
}
```

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, 214, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 214, 244) }
```

## Border

The CSS property to change the border of an element to XYZ 78.0319, 74.0373, 95.7658 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, 214, 244) }
```



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

```
.border{ border-color:rgb(245, 214, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 214, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 214, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 214, 244);  
box-shadow:4px 4px 4px 4px rgb(245, 214,  
244) }
```

# Background

The CSS property to change the background color of an element to XYZ 78.0319, 74.0373, 95.7658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 214, 244) }
```

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

```
.background{ background-color: rgb(245,  
214, 244) }
```

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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