

# Converting Colors

XYZ(79.5344, 79.0341, 86.5621)

Have a look what the booklet for  
XYZ(79.5344, 79.0341, 86.5621)  
contains.

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# Color

**XYZ(79.4372, 78.8550,  
86.6350)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7E0E7
RGB	247, 224, 231
RGB Percent	97%, 88%, 91%
CMY	0.0314, 0.1215, 0.0941
CMYK	0.00, 0.09, 0.06, 0.03
HSL	342°, 59%, 92%
HSV	342°, 9%, 97%
XYZ	79.4372, 78.8550, 86.6350
YIQ	231.6750, 11.4610, 7.0530

# Conversions

## Conversions Part 2

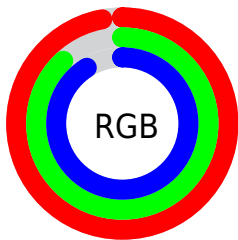
Format	Color
R <sub>Y</sub> B	247, 224, 231
Decimal	16244967
CIE Lab	91.17, 9.04, -0.55
CIE LCh	91, 9.059, 356.491
Yxy	78.8550, 0.3243, 0.3220
Android (android.graphics.Color)	4294435047 (0xFF7E0E7)
YUV	231.6750, -0.3328, 13.4400
Hunter-Lab	88.8003, 4.2783, 4.3160

# Details

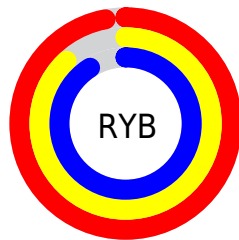
The XYZ color **79.4372, 78.8550, 86.6350** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.7324, 88.6621, 95.3536**, and the grayscale version is **76.4571, 80.4388, 87.5979**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4117, 42.5474, 46.4819** is the 20% darker color. If you saturate the color by 10%, you get **70.9661, 65.6077, 72.4181**, and if you desaturate by 10%, it is **89.1154, 94.1331, 102.4320**.

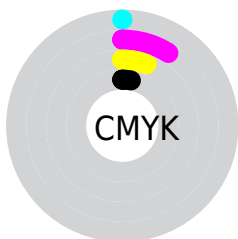
# Distribution



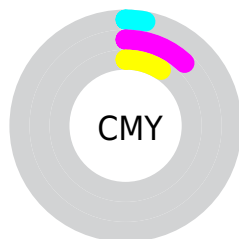
- Red (97%)
- Green (88%)
- Blue (91%)



- Red (97%)
- Yellow (88%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (3%)




- Cyan (3%)
- Magenta (12%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4372, 78.8550, 86.6350 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 79.4372, 78.8550, 86.6350 by changing the saturation by 10% instead.




 79.4372, 78.8550,  
86.6350

 79.4372, 78.8550,  
86.6350


481.7996,  
491.0657, 537.3078

 59.5622, 58.7766,  
64.6353

131.5289,  
131.7547, 144.5497

 43.3140, 42.4333,  
46.7159


164.4762,  
165.3448, 181.3017

 30.3271, 29.4407,  
32.4584


202.5118,  
204.2076, 223.8082

 20.2363, 19.4145,  
21.4442

246.0009,  
248.7275, 272.4879

 12.6762, 11.9702,  
13.2547

295.3088,  
299.2888, 327.7591

 7.2814, 6.7234,  
7.4714

350.8010,

 3.6866, 3.2897,

356.2760, 390.0404

3.6757

412.8428,  
420.0735, 459.7505

■ 1.5264, 1.2848,  
1.4492

■ 0.3437, 0.1294,  
0.1796

■ 79.4372, 78.8550,  
86.6350

■ 79.4372, 78.8550,  
86.6350

■ 70.9661, 65.6077,  
72.4181

■ 89.1154, 94.1331,  
102.4320

■ 63.6472, 54.2953,  
59.7266

■ 92.1682, 98.5144,  
108.7651

■ 57.4311, 44.8296,  
48.5096

■ 52.2624, 37.1115,  
38.7114

■ 48.0804, 31.0325,  
30.2729

■ 44.8180, 26.4720,  
23.1302

■ 42.3994, 23.2923,  
17.2137

■ 40.7353, 21.3307,  
12.4460

■ 39.6926, 20.3378,  
8.7310

# Harmonies

## Analogous

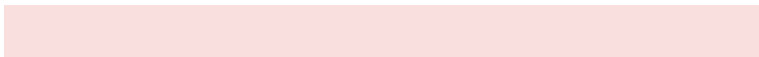
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.6863, 78.8550, 93.0218



79.4372, 78.8550, 86.6350



78.9655, 78.8550, 80.3491

# Triad

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



79.4372, 78.8550, 86.6350



72.9996, 78.8550, 75.0459



72.5412, 78.8550, 96.8254

# Complementary

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



79.4372, 78.8550, 86.6350



79.7324, 88.6621, 95.3536

# 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.



71.0717, 78.8550, 91.6167



79.4372, 78.8550, 86.6350



71.3325, 78.8550, 79.0749

# Square

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



79.4372, 78.8550, 86.6350



75.2195, 78.8550, 73.8618



70.6337, 78.8550, 85.0890



74.6797, 78.8550, 99.0912

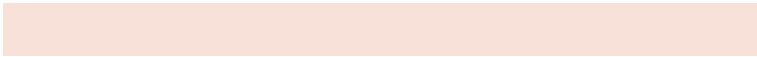


# Rectangle

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



79.4372, 78.8550, 86.6350



78.0263, 78.8550, 77.0226



70.6337, 78.8550, 85.0890



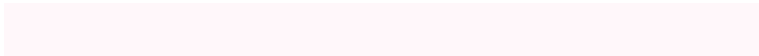
71.9543, 78.8550, 95.3481

# Sweetspot

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



79.4394, 78.8585, 86.6367



91.8126, 94.8777, 103.6516



79.2859, 78.5061, 98.9710



19.4708, 20.0220, 21.8911



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

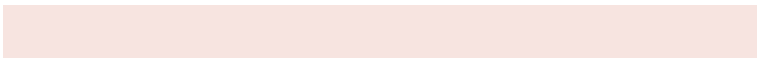
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4394, 78.8585, 86.6367



83.7608, 82.1970, 90.4148



79.6180, 80.7654, 81.9182



16.7067, 16.5655, 18.2018



21.0155, 10.7496, 4.7899



1.8909, 0.9623, 0.6516



# Inverse Universe

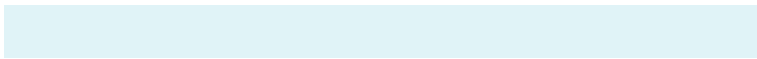
The Inverse Universe completely reimagines the original color for something new.



79.4394, 78.8585, 86.6367



83.7608, 82.1970, 90.4148



79.5174, 86.5365, 100.5088



16.7067, 16.5655, 18.2018



21.0155, 10.7496, 4.7899

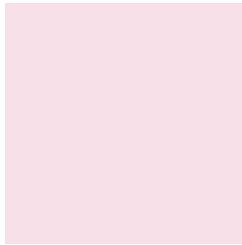


1.8909, 0.9623, 0.6516



# Previews

## White Background



This preview shows how the XYZ color 79.4372, 78.8550, 86.6350 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

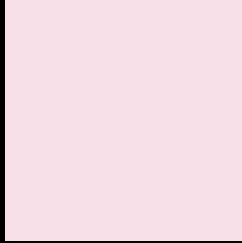
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.4372, 78.8550, 86.6350 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

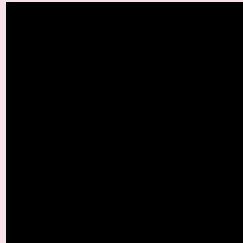
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 79.4372, 78.8550, 86.6350**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.4372, 78.8550, 86.6350.



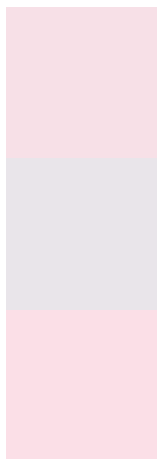
This preview shows how white text looks on a background with the XYZ color 79.4372, 78.8550,

86.6350.

# 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

79.4372, 78.8550, 86.6350

### Protanopia

76.4749, 79.3028, 89.1182

### Deuteranopia

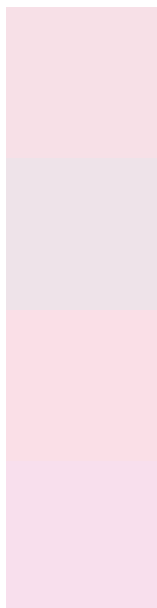
80.5951, 79.0541, 86.6125



## Tritanopia

80.8273, 79.0231, 93.4310

# Trichromacy



## Original Color

79.4372, 78.8550, 86.6350

## Protanomaly

77.4370, 78.9985, 88.2577

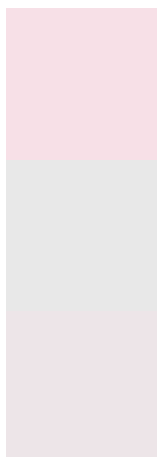
## Deuteranomaly

80.2358, 78.8689, 86.5956

## Tritanomaly

80.3851, 78.8462, 91.1029

# Monochromacy



## Original Color

79.4372, 78.8550, 86.6350

## Achromatopsia

76.7008, 80.6952, 87.8771

## Achromatomaly

77.5099, 79.8693, 87.6750

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.4372, 78.8550, 86.6350 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(247, 224, 231) looks like.

```
.text, #text, p{  
    color:rgb(247, 224, 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(247, 224, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 224, 231) }
```

## Border

The CSS property to change the border of an element to XYZ 79.4372, 78.8550, 86.6350 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(247, 224, 231) }
```



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

```
.border{ border-color:rgb(247, 224, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 224, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 224, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 224, 231); box-shadow:4px 4px 4px 4px rgb(247, 224, 231) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.4372, 78.8550, 86.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 224, 231) }
```

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

```
.background{ background-color: rgb(247,  
224, 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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