

# Converting Colors

XYZ(78.4414, 79.1606, 86.0081)

Have a look what the booklet for  
XYZ(78.4414, 79.1606, 86.0081)  
contains.

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# **Color**

**XYZ(78.4414, 79.1606,  
86.0081)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F3E2E6
RGB	243, 226, 230
RGB Percent	95%, 89%, 90%
CMY	0.0471, 0.1137, 0.0980
CMYK	0.00, 0.07, 0.05, 0.05
HSL	346°, 41%, 92%
HSV	346°, 7%, 95%
XYZ	78.4414, 79.1606, 86.0081
YIQ	231.5390, 8.8480, 4.8480

# Conversions

## Conversions Part 2

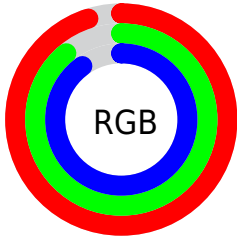
Format	Color
R <sub>Y</sub> B	243, 226, 230
Decimal	15983334
CIE Lab	91.31, 6.47, 0.13
CIE LCh	91, 6.471, 1.169
Yxy	79.1606, 0.3220, 0.3249
Android (android.graphics.Color)	4294173414 (0xFF3E2E6)
YUV	231.5390, -0.7587, 10.0513
Hunter-Lab	88.9722, 1.6711, 4.9658

# Details

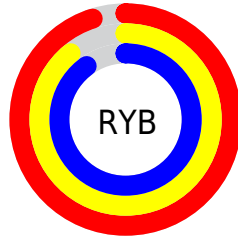
The XYZ color **78.4414, 79.1606, 86.0081** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.9976, 86.5039, 94.1989**, and the grayscale version is **76.3600, 80.3367, 87.4867**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7943, 42.7858, 46.5604** is the 20% darker color. If you saturate the color by 10%, you get **69.8240, 65.8820, 70.9372**, and if you desaturate by 10%, it is **88.2781, 94.4303, 102.8606**.

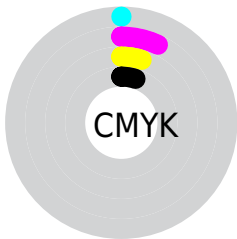
# Distribution



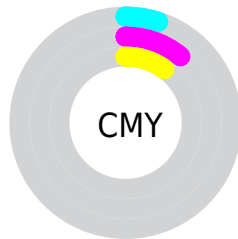
- Red (95%)
- Green (89%)
- Blue (90%)



- Red (95%)
- Yellow (89%)
- Blue (90%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (5%)




- Cyan (5%)
- Magenta (11%)
- Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 78.4414, 79.1606, 86.0081 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 78.4414, 79.1606, 86.0081 by changing the saturation by 10% instead.




 78.4414, 79.1606,  
86.0081

 78.4414, 79.1606,  
86.0081


478.4815,  
492.0995, 535.1893

 58.7407, 59.0279,  
64.1197


130.1342,  
132.1849, 143.6674

 42.6500, 42.6355,  
46.3009


162.8571,  
165.8453, 180.2755

 29.8039, 29.5993,  
32.1329


200.6514,  
204.7837, 222.6272

 19.8371, 19.5346,  
21.1974

243.8824,  
249.3845, 271.1411

 12.3843, 12.0572,  
13.0757

292.9156,  
300.0321, 326.2357

 7.0800, 6.7827,  
7.3494

348.1163,

 3.5590, 3.3265,

357.1108, 388.3296

3.5998

409.8498,  
421.0052, 457.8412

■ 1.4558, 1.3045,  
1.4085

■ 0.2955, 0.1447,  
0.1483

■ 78.4414, 79.1606,  
86.0081

■ 78.4414, 79.1606,  
86.0081

■ 69.8240, 65.8820,  
70.9372

■ 88.2781, 94.4303,  
102.8606

■ 62.3713, 54.5022,  
57.5838

■ 90.7725, 97.7949,  
108.6998

■ 56.0345, 44.9373,  
45.8878

■ 50.7586, 37.0928,  
35.7831

■ 46.4840, 30.8656,  
27.1995

■ 43.1448, 26.1417,  
20.0611

■ 40.6671, 22.7921,  
14.2851

■ 38.9651, 20.6654,  
9.7798

■ 37.9312, 19.5692,  
6.4395

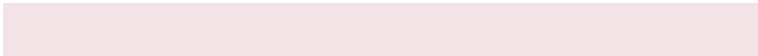
# Harmonies

## Analogous

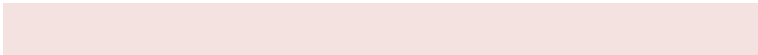
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0403, 79.1606, 90.6277



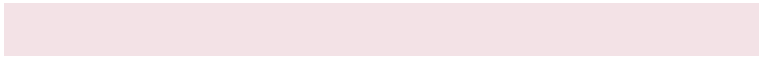
78.4414, 79.1606, 86.0081



77.9743, 79.1606, 81.5958

# Triad

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



78.4414, 79.1606, 86.0081



73.6172, 79.1606, 78.6832



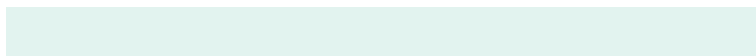
73.7272, 79.1606, 94.3606

# Complementary

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



78.4414, 79.1606, 86.0081



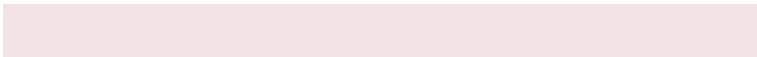
78.9976, 86.5039, 94.1989

# Split Complementary

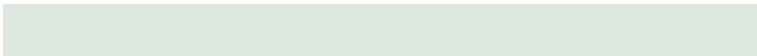
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.5699, 79.1606, 90.9585



78.4414, 79.1606, 86.0081



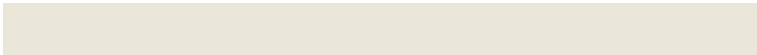
72.5071, 79.1606, 81.9043

# Square

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



78.4414, 79.1606, 86.0081



75.1754, 79.1606, 77.4628



72.1265, 79.1606, 86.3770



75.3042, 79.1606, 95.5545

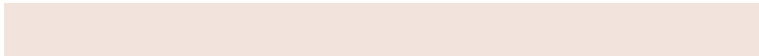


# Rectangle

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



78.4414, 79.1606, 86.0081



77.2373, 79.1606, 79.3374



72.1265, 79.1606, 86.3770



73.2770, 79.1606, 93.4314

# Sweetspot

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



78.4436, 79.1641, 86.0098



92.8227, 96.5404, 105.0905



78.8888, 79.1747, 95.9193



19.8912, 20.6998, 22.5337



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.



78.4436, 79.1641, 86.0098



86.4725, 86.7033, 94.1463



79.0586, 81.2817, 83.4778



16.6588, 16.5464, 17.9497



20.7364, 10.6380, 3.3201



1.8608, 0.9503, 0.4933



# Inverse Universe

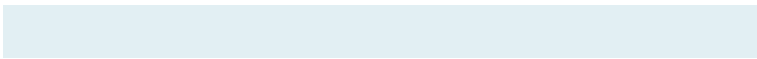
The Inverse Universe completely reimagines the original color for something new.



78.4436, 79.1641, 86.0098



86.4725, 86.7033, 94.1463



78.3377, 84.2289, 96.9239



16.6588, 16.5464, 17.9497



20.7364, 10.6380, 3.3201

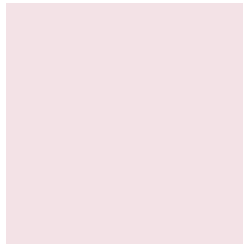


1.8608, 0.9503, 0.4933



# Previews

## White Background



This preview shows how the XYZ color 78.4414, 79.1606, 86.0081 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

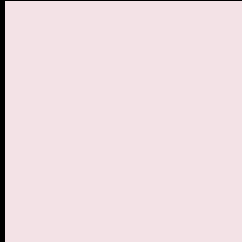
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 78.4414, 79.1606, 86.0081 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

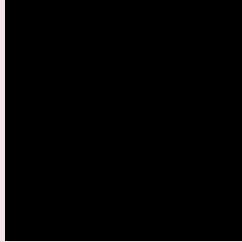
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

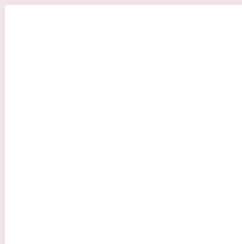
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 78.4414, 79.1606, 86.0081**

## **Background**



This preview shows how black text looks on a background with the XYZ color 78.4414, 79.1606, 86.0081.



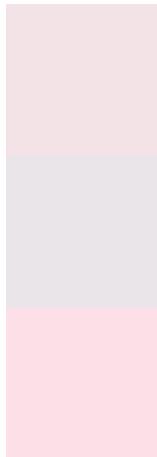
This preview shows how white text looks on a background with the XYZ color 78.4414, 79.1606,



# 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

78.4414, 79.1606, 86.0081

### Protanopia

76.5165, 79.3572, 87.6286

### Deuteranopia

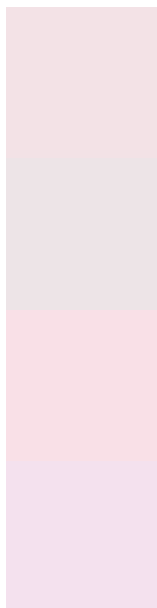
80.9564, 79.2403, 86.6294



## Tritanopia

80.3389, 79.1346, 95.0446

# Trichromacy



## Original Color

78.4414, 79.1606, 86.0081

## Protanomaly

77.0923, 79.2609, 86.8370

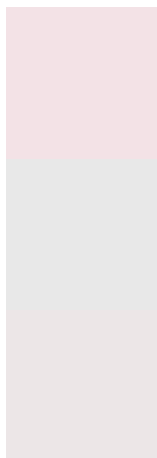
## Deuteranomaly

80.1464, 79.2206, 86.6682

## Tritanomaly

79.6661, 79.2566, 91.9881

# Monochromacy



## Original Color

78.4414, 79.1606, 86.0081

## Achromatopsia

76.7008, 80.6952, 87.8771

## Achromatomaly

77.3127, 80.1960, 87.0059

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 78.4414, 79.1606, 86.0081 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, 226, 230) looks like.

```
.text, #text, p{  
    color:rgb(243, 226, 230)  
}
```

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, 226, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 226, 230) }
```

## Border

The CSS property to change the border of an element to XYZ 78.4414, 79.1606, 86.0081 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, 226, 230) }
```



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

```
.border{ border-color:rgb(243, 226, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 226, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 226, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 226, 230);  
box-shadow:4px 4px 4px 4px rgb(243, 226,  
230) }
```

# Background

The CSS property to change the background color of an element to XYZ 78.4414, 79.1606, 86.0081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 226, 230) }
```

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

```
.background{ background-color: rgb(243,  
226, 230) }
```

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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