

Converting Colors

XYZ(78.4874, 77.4399, 86.0699)

Have a look what the booklet for
XYZ(78.4874, 77.4399, 86.0699)
contains.

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Color

**XYZ(78.5511, 77.6049,
86.4405)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DEE7
RGB	246, 222, 231
RGB Percent	96%, 87%, 91%
CMY	0.0353, 0.1294, 0.0941
CMYK	0.00, 0.10, 0.06, 0.04
HSL	338°, 57%, 92%
HSV	338°, 10%, 96%
XYZ	78.5511, 77.6049, 86.4405
YIQ	230.2020, 11.4150, 7.8870

Conversions

Conversions Part 2

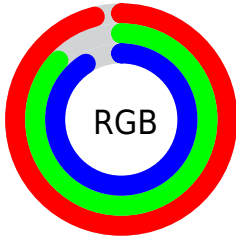
Format	Color
R _Y B	246, 222, 231
Decimal	16178919
CIE Lab	90.60, 9.74, -1.40
CIE LCh	91, 9.838, 351.834
Yxy	77.6049, 0.3238, 0.3199
Android (android.graphics.Color)	4294368999 (0xFFFF6DEE7)
YUV	230.2020, 0.3934, 13.8548
Hunter-Lab	88.0936, 5.0005, 3.4882

Details

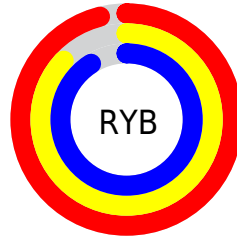
The XYZ color **78.5511, 77.6049, 86.4405** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.3690, 87.5575, 92.8947**, and the grayscale version is **75.3564, 79.2808, 86.3368**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7918, 41.6797, 46.3471** is the 20% darker color. If you saturate the color by 10%, you get **70.4110, 64.6485, 73.4785**, and if you desaturate by 10%, it is **87.8397, 92.5509, 100.7287**.

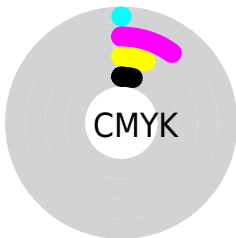
Distribution



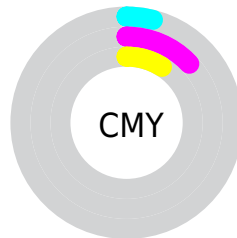
- Red (96%)
- Green (87%)
- Blue (91%)



- Red (96%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.5511, 77.6049, 86.4405 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 78.5511, 77.6049, 86.4405 by changing the saturation by 10% instead.


 78.5511, 77.6049,
86.4405

 78.5511, 77.6049,
86.4405


478.8476,
486.8240, 536.6510

 58.8312, 57.7495,
64.4753


130.2880,
129.9930, 144.2760

 42.7231, 41.6073,
46.5871


163.0356,
163.2945, 180.9834

 29.8615, 28.7939,
32.3574


200.8565,
201.8467, 223.4420

 19.8810, 18.9250,
21.3675

244.1161,
246.0342, 272.0702

 12.4163, 11.6161,
13.1991

293.1796,
296.2413, 327.2867

 7.1021, 6.4828,
7.4334

348.4125,

 3.5729, 3.1408,

352.8523, 389.5100

3.6521

410.1800,
416.2518, 459.1586

■ 1.4635, 1.2057,
1.4365

■ 0.3008, 0.0663,
0.1699

■ 78.5511, 77.6049,
86.4405

■ 78.5511, 77.6049,
86.4405

■ 70.4110, 64.6485,
73.4785

■ 87.8397, 92.5509,
100.7287

■ 63.3669, 53.5873,
61.7982

■ 91.8165, 98.3330,
108.7487

■ 57.3717, 44.3346,
51.3599

■ 52.3724, 36.7927,
42.1196

■ 48.3110, 30.8546,
34.0306

■ 45.1233, 26.4012,
27.0426

■ 42.7364, 23.2967,
21.1009

■ 41.0642, 21.3794,
16.1442

■ 39.9712, 20.3895,
12.0927

Harmonies

Analogous

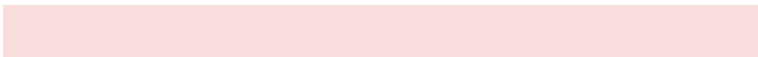
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.5493, 77.6049, 93.1637



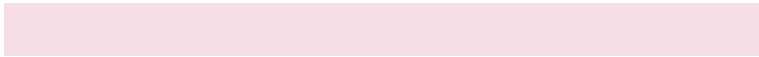
78.5511, 77.6049, 86.4405



78.2471, 77.6049, 79.5517

Triad

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



78.5511, 77.6049, 86.4405



72.0130, 77.6049, 72.5184



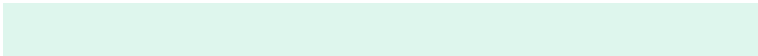
70.8720, 77.6049, 95.6222

Complementary

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



78.5511, 77.6049, 86.4405



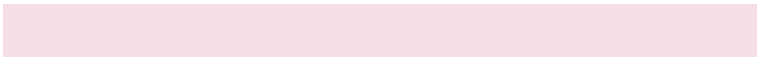
78.3690, 87.5575, 92.8947

Split Complementary

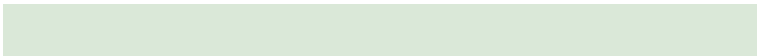
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.4499, 77.6049, 89.6463



78.5511, 77.6049, 86.4405



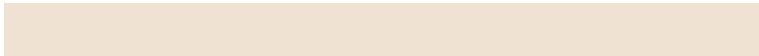
70.0984, 77.6049, 76.3880

Square

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



78.5511, 77.6049, 86.4405



74.4361, 77.6049, 71.7662



69.1700, 77.6049, 82.5859



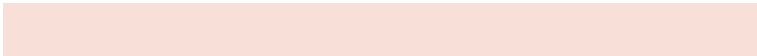
73.0902, 77.6049, 98.6542

Rectangle

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



78.5511, 77.6049, 86.4405



77.3478, 77.6049, 75.7676



69.1700, 77.6049, 82.5859



70.2870, 77.6049, 93.8758

Sweetspot

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



78.5533, 77.6083, 86.4422



91.8974, 94.9116, 104.0980



77.6169, 76.8702, 97.9363



19.4937, 20.0312, 22.0114



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

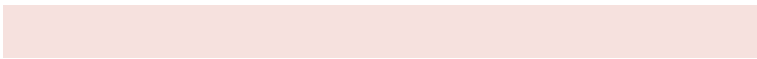
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5533, 77.6083, 86.4422



83.1250, 80.8353, 90.4809



78.0647, 78.6125, 80.1706



16.7561, 16.5853, 18.4621



21.3849, 10.8974, 6.7354



1.9277, 0.9770, 0.8454

Inverse Universe

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



78.5533, 77.6083, 86.4422



83.1250, 80.8353, 90.4809



78.8717, 86.4064, 99.7109



16.7561, 16.5853, 18.4621



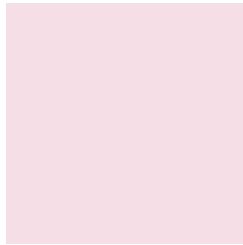
21.3849, 10.8974, 6.7354



1.9277, 0.9770, 0.8454

Previews

White Background



This preview shows how the XYZ color 78.5511, 77.6049, 86.4405 looks on a white background.

Color Contrast Check

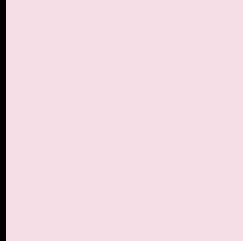
Large Text (above 18pt) WCAG AA × Fail

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 78.5511, 77.6049, 86.4405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

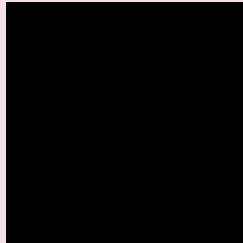
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.5511, 77.6049, 86.4405

Background



This preview shows how black text looks on a background with the XYZ color 78.5511, 77.6049, 86.4405.



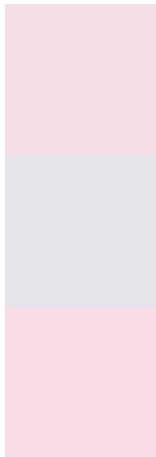
This preview shows how white text looks on a background with the XYZ color 78.5511, 77.6049,

86.4405.

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

78.5511, 77.6049, 86.4405

Protanopia

74.9535, 77.7017, 88.8894

Deuteranopia

79.3472, 77.6222, 86.4018



Tritanopia

79.6468, 77.6601, 91.6810

Trichromacy



Original Color

78.5511, 77.6049, 86.4405

Protanomaly

76.2253, 77.5665, 88.0451

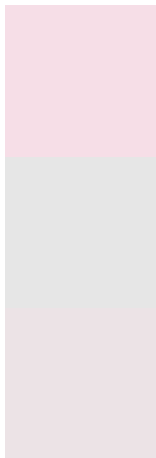
Deuteranomaly

78.9917, 77.4389, 86.3852

Tritanomaly

79.2096, 77.4852, 89.3786

Monochromacy



Original Color

78.5511, 77.6049, 86.4405

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.3441, 78.4842, 85.9881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5511, 77.6049, 86.4405 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(246, 222, 231)` looks like.

```
.text, #text, p{  
    color:rgb(246, 222, 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(246, 222, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 222, 231) }
```

Border

The CSS property to change the border of an element to XYZ 78.5511, 77.6049, 86.4405 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(246, 222, 231) }
```


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

```
.border{ border-color:rgb(246, 222, 231) }
```

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

Here you see how a box with a 4 pixel rgb(246, 222, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 222, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 222, 231);  
box-shadow:4px 4px 4px 4px rgb(246, 222,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5511, 77.6049, 86.4405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 222, 231) }
```

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

```
.background{ background-color: rgb(246,  
222, 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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