

Converting Colors

XYZ(78.8263, 77.5001, 79.9138)

Have a look what the booklet for
XYZ(78.8263, 77.5001, 79.9138)
contains.

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Color

**XYZ(78.8249, 77.4961,
79.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	FBDDDE
RGB	251, 221, 222
RGB Percent	98%, 87%, 87%
CMY	0.0157, 0.1333, 0.1294
CMYK	0.00, 0.12, 0.12, 0.02
HSL	358°, 79%, 93%
HSV	358°, 12%, 98%
XYZ	78.8249, 77.4961, 79.9110
YIQ	230.0840, 17.5590, 6.6710

Conversions

Conversions Part 2

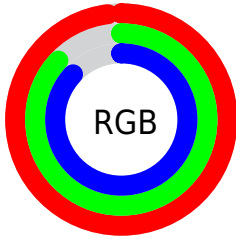
Format	Color
R _Y B	251, 221, 222
Decimal	16506334
CIE Lab	90.55, 10.50, 3.30
CIE LCh	91, 11.005, 17.462
Yxy	77.4961, 0.3337, 0.3281
Android (android.graphics.Color)	4294696414 (0xFFFBDDDE)
YUV	230.0840, -3.9854, 18.3433
Hunter-Lab	88.0319, 5.7755, 7.8018

Details

The XYZ color **78.8249, 77.4961, 79.9110** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.5743, 91.2705, 103.7644**, and the grayscale version is **75.2973, 79.2186, 86.2690**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8594, 41.5318, 42.3167** is the 20% darker color. If you saturate the color by 10%, you get **69.6651, 64.0118, 61.9495**, and if you desaturate by 10%, it is **89.4479, 93.1559, 100.6716**.

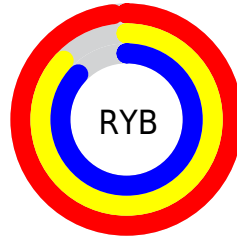
Distribution



Red (98%)

Green (87%)

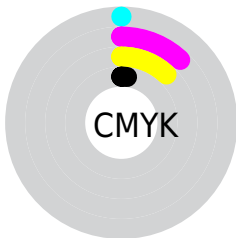
Blue (87%)



Red (98%)

Yellow (87%)

Blue (87%)

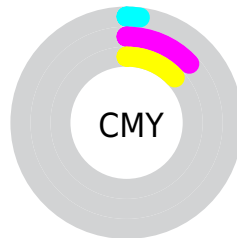


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.8249, 77.4961, 79.9110 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 78.8249, 77.4961, 79.9110 by changing the saturation by 10% instead.


 78.8249, 77.4961,
79.9110

 78.8249, 77.4961,
79.9110


479.7608,
486.4538, 514.3317

 59.0570, 57.6601,
59.1194

130.6716,
129.8395, 135.0509

 42.9055, 41.5355,
42.2886


163.4810,
163.1158, 170.2362

 30.0052, 28.7377,
29.0001


201.3683,
201.6410, 211.0565

 19.9906, 18.8825,
18.8353

244.6989,
245.7994, 257.9303

 12.4965, 11.5854,
11.3757

293.8381,
295.9755, 311.2762

 7.1573, 6.4620,
6.2028

349.1513,

 3.6079, 3.1280,

352.5537, 371.5127

2.8980

411.0037,
415.9183, 439.0584

■ 1.4828, 1.1989,
1.0428

■ 0.3141, 0.0608,
0.0000

■ 78.8249, 77.4961,
79.9110

■ 78.8249, 77.4961,
79.9110

■ 69.6651, 64.0118,
61.9495

■ 89.4479, 93.1559,
100.6716

■ 61.8984, 52.5972,
46.6626

■ 93.5940, 99.2494,
108.8319

■ 55.4584, 43.1529,
33.9241

■ 50.2709, 35.5675,
23.5954

■ 46.2545, 29.7183,
15.5247

■ 43.3180, 25.4680,
9.5432

■ 41.3569, 22.6587,
5.4583

■ 40.2457, 21.1002,
3.0417

■ 39.8296, 20.5276,
2.1022

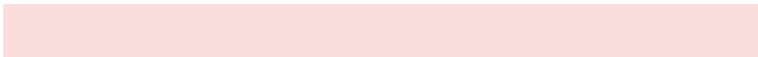
Harmonies

Analogous

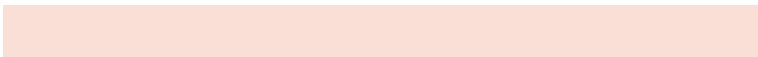
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9482, 77.4961, 87.7150



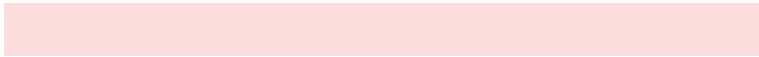
78.8249, 77.4961, 79.9110



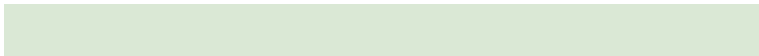
77.2958, 77.4961, 73.6926

Triad

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



78.8249, 77.4961, 79.9110



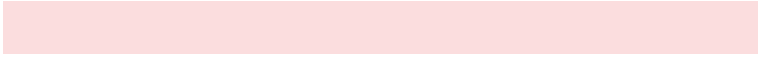
69.8248, 77.4961, 74.5376



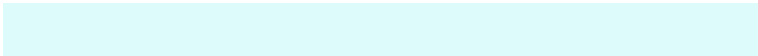
72.5143, 77.4961, 100.0650

Complementary

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



78.8249, 77.4961, 79.9110



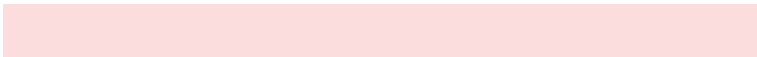
81.5743, 91.2705, 103.7644

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.



70.1357, 77.4961, 96.0539



78.8249, 77.4961, 79.9110



68.6091, 77.4961, 81.1308

Square

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



78.8249, 77.4961, 79.9110



72.0803, 77.4961, 70.7257



68.7214, 77.4961, 89.0128



75.2580, 77.4961, 99.6877

Rectangle

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



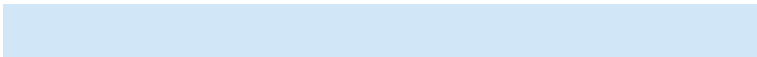
78.8249, 77.4961, 79.9110



75.7059, 77.4961, 71.1348



68.7214, 77.4961, 89.0128



71.6468, 77.4961, 99.1753

Sweetspot

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



78.8271, 77.4995, 79.9126



90.3345, 93.0449, 99.6954



82.6955, 79.0054, 102.1585



19.1515, 19.6444, 20.9799



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

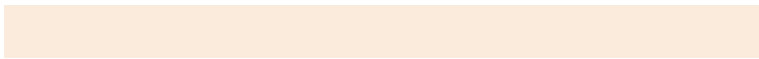
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8271, 77.4995, 79.9126



79.6324, 77.2728, 78.7653



82.5453, 85.1489, 80.4957



17.2680, 17.2345, 18.0008



20.9462, 10.7942, 1.1593



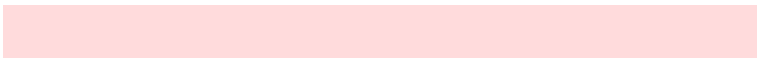
1.9479, 1.0029, 0.1492

Inverse Universe

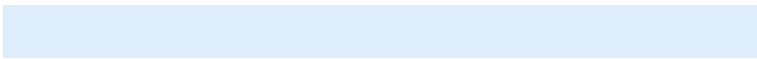
The Inverse Universe completely reimagines the original color for something new.



78.8271, 77.4995, 79.9126



79.6324, 77.2728, 78.7653



77.5185, 82.9085, 103.1847



17.2680, 17.2345, 18.0008



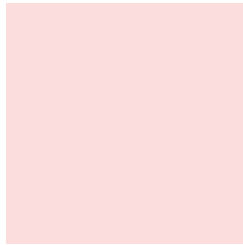
20.9462, 10.7942, 1.1593



1.9479, 1.0029, 0.1492

Previews

White Background



This preview shows how the XYZ color 78.8249, 77.4961, 79.9110 looks on a white background.

Color Contrast Check

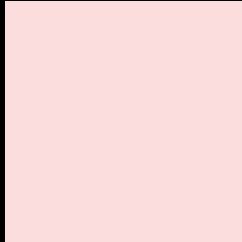
Large Text (above 18pt) WCAG AA × Fail

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 78.8249, 77.4961, 79.9110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

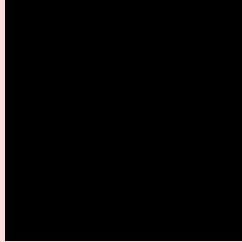
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.8249, 77.4961, 79.9110

Background



This preview shows how black text looks on a background with the XYZ color 78.8249, 77.4961, 79.9110.



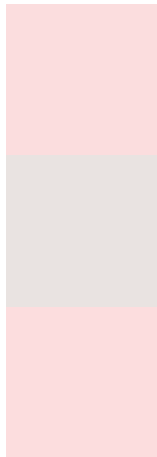
This preview shows how white text looks on a background with the XYZ color 78.8249, 77.4961,

79.9110.

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

78.8249, 77.4961, 79.9110

Protanopia

74.6640, 77.6981, 82.2962

Deuteranopia

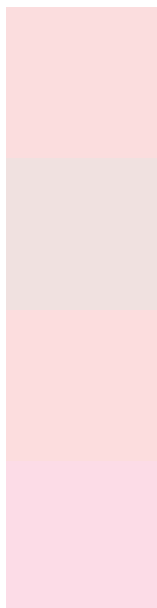
79.1862, 77.6823, 79.9279



Tritanopia

80.9799, 77.6018, 90.0674

Trichromacy



Original Color

78.8249, 77.4961, 79.9110

Protanomaly

76.3149, 77.7575, 81.5075

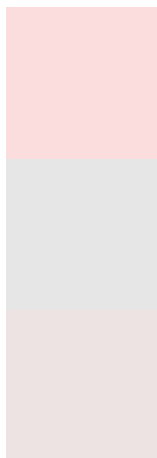
Deuteranomaly

79.1862, 77.6823, 79.9279

Tritanomaly

80.1619, 77.6514, 86.3645

Monochromacy



Original Color

78.8249, 77.4961, 79.9110

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.5941, 78.6614, 83.8193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8249, 77.4961, 79.9110 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(251, 221, 222) looks like.

```
.text, #text, p{  
    color:rgb(251, 221, 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(251, 221, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 221, 222) }
```

Border

The CSS property to change the border of an element to XYZ 78.8249, 77.4961, 79.9110 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(251, 221, 222) }
```


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

```
.border{ border-color:rgb(251, 221, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 221, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 221, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 221, 222);  
box-shadow:4px 4px 4px 4px rgb(251, 221,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8249, 77.4961, 79.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 221, 222) }
```

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

```
.background{ background-color: rgb(251,  
221, 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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