

Converting Colors

XYZ(81.9011, 78.9966, 77.8786)

Have a look what the booklet for
XYZ(81.9011, 78.9966, 77.8786)
contains.

XYZ(79.8826, 78.0874, 77.8799)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.8826, 78.0874,
77.8799)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDDB
RGB	255, 221, 219
RGB Percent	100%, 87%, 86%
CMY	0.0000, 0.1333, 0.1412
CMYK	0.00, 0.13, 0.14, 0.00
HSL	3°, 100%, 93%
HSV	3°, 14%, 100%
XYZ	79.8826, 78.0874, 77.8799
YIQ	230.9380, 20.9060, 6.5860

Conversions

Conversions Part 2

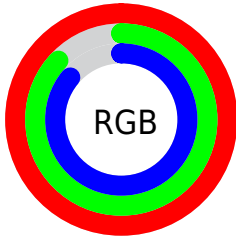
Format	Color
R _Y B	255, 221, 219
Decimal	16768475
CIE Lab	90.82, 11.42, 5.31
CIE LCh	91, 12.598, 24.928
Yxy	78.0874, 0.3387, 0.3311
Android (android.graphics.Color)	4294958555 (0xFFFFDDDB)
YUV	230.9380, -5.8854, 21.1024
Hunter-Lab	88.3671, 6.7191, 9.6033

Details

The XYZ color **79.8826, 78.0874, 77.8799** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.3877, 92.5279, 108.1251**, and the grayscale version is **75.9427, 79.8976, 87.0085**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6258, 41.9585, 40.9214** is the 20% darker color. If you saturate the color by 10%, you get **70.8712, 65.0317, 59.5630**, and if you desaturate by 10%, it is **90.3239, 93.1791, 99.2125**.

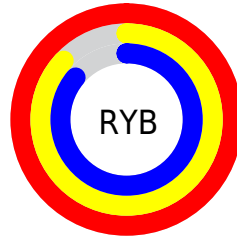
Distribution



Red (100%)

Green (87%)

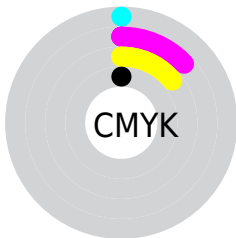
Blue (86%)



Red (100%)

Yellow (87%)

Blue (86%)

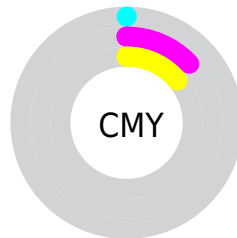


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.8826, 78.0874, 77.8799 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 79.8826, 78.0874, 77.8799 by changing the saturation by 10% instead.


 79.8826, 78.0874,
77.8799

 79.8826, 78.0874,
77.8799


483.2797,
488.4636, 507.2760

 59.9299, 58.1458,
57.4595


132.1521,
130.6733, 132.1651

 43.6114, 41.9259,
40.9624


165.1995,
164.0864, 166.8670

 30.5617, 29.0432,
27.9702


203.3426,
202.7588, 207.1665

 20.4155, 19.1135,
18.0644

246.9466,
247.0748, 253.4820

 12.8074, 11.7523,
10.8263

296.3770,
297.4189, 306.2322

 7.3722, 6.5753,
5.8375

351.9991,

 3.7443, 3.1979,

354.1755, 365.8355

2.6793

414.1782,
417.7289, 432.7106

■ 1.5585, 1.2359,
0.9330

■ 0.3651, 0.0908,
0.0000

■ 79.8826, 78.0874,
77.8799

■ 79.8826, 78.0874,
77.8799

■ 70.8712, 65.0317,
59.5630

■ 90.3239, 93.1791,
99.2125

■ 63.2221, 53.9155,
44.1211

95.0500, 100.0000,
108.9000

■ 56.8708, 44.6491,
31.4098

■ 51.7450, 37.1324,
21.2701

■ 47.7656, 31.2551,
13.5267

■ 44.8443, 26.8951,
7.9822

■ 42.8796, 23.9127,
4.4081

■ 41.7502, 22.1425,
2.5254

■ 41.3997, 21.5795,
1.9832

Harmonies

Analogous

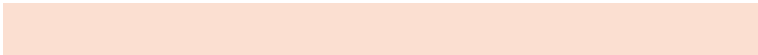
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.4550, 78.0874, 86.5756



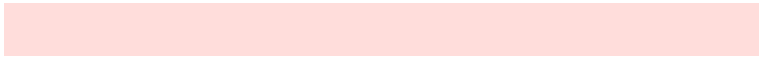
79.8826, 78.0874, 77.8799



77.7756, 78.0874, 71.5286

Triad

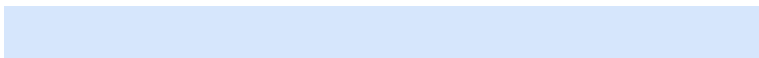
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8826, 78.0874, 77.8799



69.3444, 78.0874, 75.3873



73.6825, 78.0874, 103.6144

Complementary

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



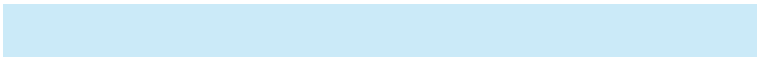
79.8826, 78.0874, 77.8799



82.3877, 92.5279, 108.1251

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.



70.7739, 78.0874, 100.1181



79.8826, 78.0874, 77.8799



68.3152, 78.0874, 83.4909

Square

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



79.8826, 78.0874, 77.8799



71.6814, 78.0874, 70.1629



68.8310, 78.0874, 92.5920



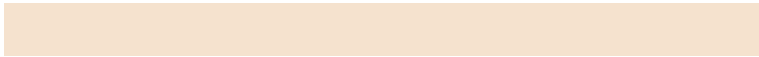
76.8173, 78.0874, 101.8479

Rectangle

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



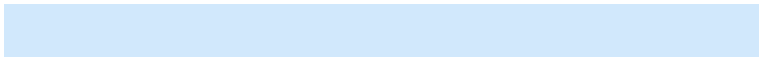
79.8826, 78.0874, 77.8799



75.8152, 78.0874, 69.2646



68.8310, 78.0874, 92.5920



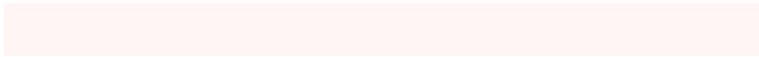
72.6468, 78.0874, 103.0088

Sweetspot

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



79.8845, 78.0907, 77.8815



90.4548, 93.3681, 99.4806



84.3334, 79.0284, 103.9049



19.1818, 19.7258, 20.9258



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

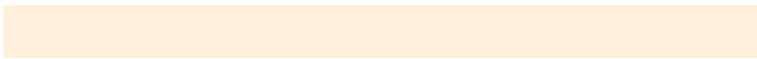
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8845, 78.0907, 77.8815



77.1423, 74.1214, 72.2971



84.8346, 87.9909, 79.5316



18.0905, 18.1492, 18.6940



21.6645, 11.3402, 1.0470



2.1367, 1.1587, 0.1110

Inverse Universe

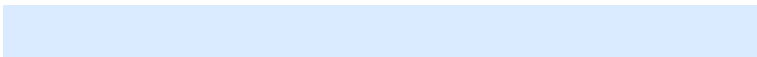
The Inverse Universe completely reimagines the original color for something new.



82.3877, 92.5279, 108.1251



80.0953, 91.1545, 107.9808



77.0297, 81.8120, 106.3391



18.4631, 20.2978, 23.1947



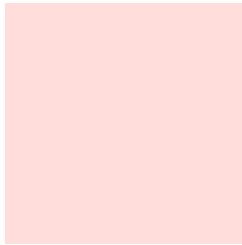
25.8741, 36.6577, 55.1465



2.5447, 3.6200, 5.3779

Previews

White Background



This preview shows how the XYZ color 79.8826, 78.0874, 77.8799 looks on a white background.

Color Contrast Check

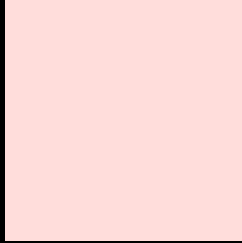
Large Text (above 18pt) WCAG AA × Fail

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 79.8826, 78.0874, 77.8799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

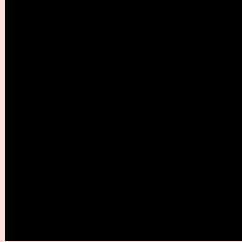
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

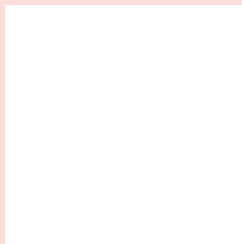
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8826, 78.0874, 77.8799

Background



This preview shows how black text looks on a background with the XYZ color 79.8826, 78.0874, 77.8799.



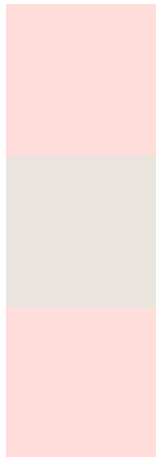
This preview shows how white text looks on a background with the XYZ color 79.8826, 78.0874,

77.8799.

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

79.8826, 78.0874, 77.8799

Protanopia

74.9944, 78.3069, 80.9742

Deuteranopia

79.8826, 78.0874, 77.8799



Tritanopia

81.5669, 77.9212, 89.3385

Trichromacy



Original Color

79.8826, 78.0874, 77.8799

Protanomaly

76.7280, 78.0016, 80.1191

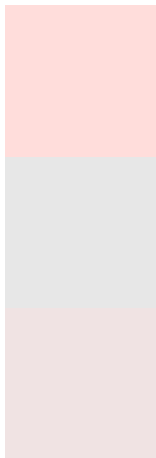
Deuteranomaly

79.8826, 78.0874, 77.8799

Tritanomaly

80.9761, 78.1035, 84.9363

Monochromacy



Original Color

79.8826, 78.0874, 77.8799

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.2694, 79.0095, 83.8509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8826, 78.0874, 77.8799 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(255, 221, 219) looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 219)  
}
```

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(255, 221, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 219) }
```

Border

The CSS property to change the border of an element to XYZ 79.8826, 78.0874, 77.8799 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(255, 221, 219) }
```


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

```
.border{ border-color:rgb(255, 221, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8826, 78.0874, 77.8799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 219) }
```

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

```
.background{ background-color: rgb(255,  
221, 219) }
```

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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