

Converting Colors

XYZ(83.0484, 84.3554, 79.1312)

Have a look what the booklet for
XYZ(83.0484, 84.3554, 79.1312)
contains.

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Color

**XYZ(82.8828, 84.0877,
78.8800)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE8DB
RGB	255, 232, 219
RGB Percent	100%, 91%, 86%
CMY	0.0000, 0.0902, 0.1412
CMYK	0.00, 0.09, 0.14, 0.00
HSL	22°, 100%, 93%
HSV	22°, 14%, 100%
XYZ	82.8828, 84.0877, 78.8800
YIQ	237.3950, 17.8810, 0.8330

Conversions

Conversions Part 2

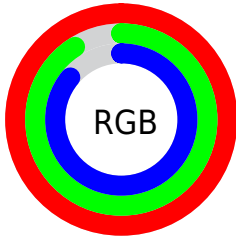
Format	Color
RYP	255, 239, 219
Decimal	16771291
CIELab	93.49, 5.76, 9.15
CIElCh	93, 10.809, 57.826
Yxy	84.0877, 0.3371, 0.3420
Android (android.graphics.Color)	4294961371 (0xFFFFE8DB)
YUV	237.3950, -9.0687, 15.4396
Hunter-Lab	91.6993, 0.8640, 13.1881

Details

The XYZ color **82.8828, 84.0877, 78.8800** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.0147, 85.7820, 107.0008**, and the grayscale version is **80.8604, 85.0715, 92.6428**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5149, 45.7368, 41.5511** is the 20% darker color. If you saturate the color by 10%, you get **75.4054, 74.1001, 61.0745**, and if you desaturate by 10%, it is **91.3034, 95.1381, 99.5392**.

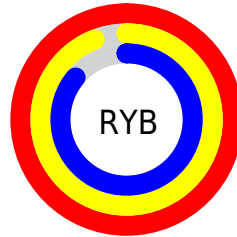
Distribution



Red (100%)

Green (91%)

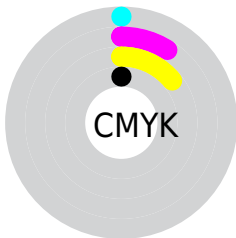
Blue (86%)



Red (100%)

Yellow (94%)

Blue (86%)

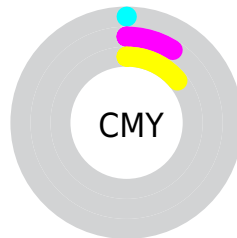


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.8828, 84.0877, 78.8800 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 82.8828, 84.0877, 78.8800 by changing the saturation by 10% instead.


 82.8828, 84.0877,
78.8800

 82.8828, 84.0877,
78.8800


493.1857,
508.6044, 510.7572

 62.4101, 63.0878,
58.2764

136.3407,
139.0978, 133.5870

 45.6210, 45.9123,
41.6147


170.0565,
173.8769, 168.5276

 32.1502, 32.1766,
28.4764


208.9174,
214.0179, 209.0842

 21.6323, 21.4964,
18.4429

253.2888,
259.9051, 255.6754

 13.7021, 13.4874,
11.0957

303.5360,
311.9230, 308.7198

 7.9941, 7.7650,
6.0163

360.0242,

 4.1429, 3.9449,

370.4559, 368.6358

2.7860

423.1190,
435.8882, 435.8421

■ 1.7833, 1.6428,
0.9864

■ 0.5076, 0.3862,
0.0000

■ 82.8828, 84.0877,
78.8800

■ 82.8828, 84.0877,
78.8800

■ 75.4054, 74.1001,
61.0745

■ 91.3034, 95.1381,
99.5392

■ 68.8306, 65.1322,
45.9906

95.0500, 100.0000,
108.9000

■ 63.1230, 57.1537,
33.4939

■ 58.2429, 50.1283,
23.4361

■ 54.1469, 44.0177,
15.6538

■ 50.7870, 38.7804,
9.9631

■ 48.1088, 34.3711,
6.1512

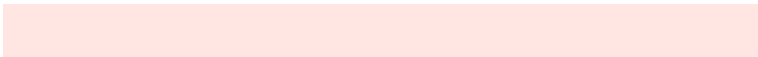
■ 46.0483, 30.7387,
3.9581

■ 45.0775, 28.9350,
3.2092

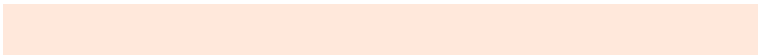
Harmonies

Analogous

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



84.8783, 84.0877, 84.4105



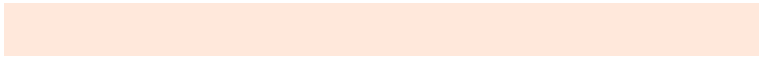
82.8828, 84.0877, 78.8800



80.1313, 84.0877, 76.7235

Triad

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



82.8828, 84.0877, 78.8800



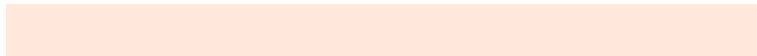
74.5600, 84.0877, 90.9619



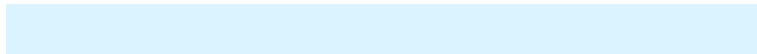
82.5137, 84.0877, 106.1819

Complementary

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



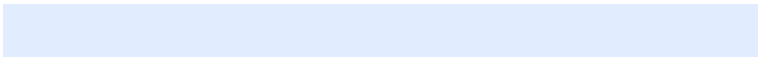
82.8828, 84.0877, 78.8800



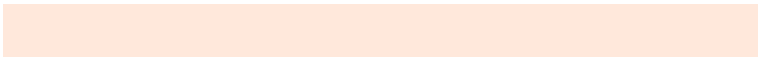
79.0147, 85.7820, 107.0008

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.



79.7147, 84.0877, 108.1893



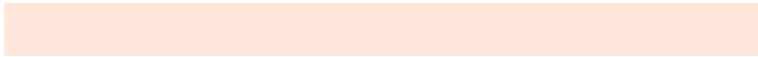
82.8828, 84.0877, 78.8800



75.1641, 84.0877, 99.0964

Square

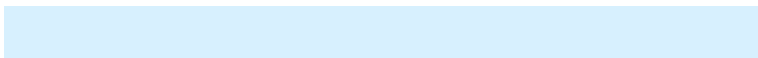
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.8828, 84.0877, 78.8800



75.3642, 84.0877, 83.4354



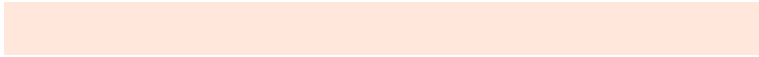
77.0342, 84.0877, 105.5247



84.6617, 84.0877, 100.1897

Rectangle

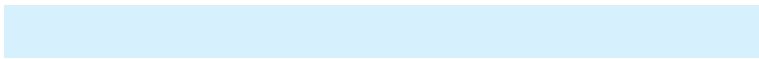
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.8828, 84.0877, 78.8800



78.2535, 84.0877, 77.3864



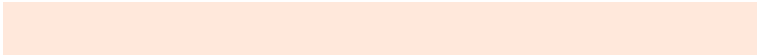
77.0342, 84.0877, 105.5247



81.6157, 84.0877, 107.3602

Sweetspot

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



82.8848, 84.0913, 78.8818



91.4075, 95.2736, 99.7982



82.6592, 78.3588, 95.0884



19.4221, 20.2064, 21.0059



0.0000, 0.0000, 0.0000



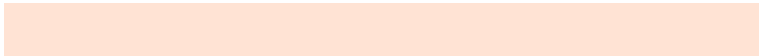
20.3446, 21.4041, 23.3091

Same Dimension

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



82.8848, 84.0913, 78.8818



80.6336, 81.1039, 73.4609



88.0879, 94.4976, 80.6162



18.5465, 19.0611, 18.8460



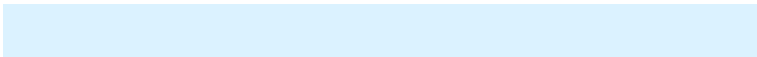
23.6824, 15.3761, 1.7197



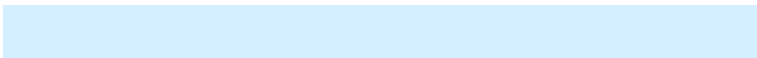
2.4051, 1.6956, 0.2005

Inverse Universe

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



79.0147, 85.7820, 107.0008



76.0666, 83.0972, 106.6380



74.0276, 75.8077, 105.3384



17.9707, 19.3129, 23.0306



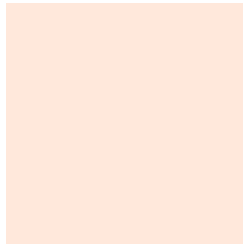
16.4108, 17.7311, 51.9921



1.7016, 1.9339, 5.0969

Previews

White Background



This preview shows how the XYZ color 82.8828, 84.0877, 78.8800 looks on a white background.

Color Contrast Check

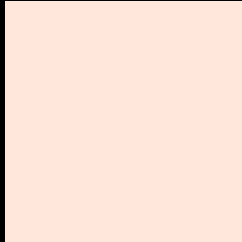
Large Text (above 18pt) WCAG AA × Fail

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 82.8828, 84.0877, 78.8800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

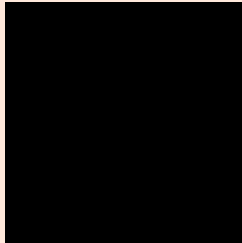
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.8828, 84.0877, 78.8800

Background



This preview shows how black text looks on a background with the XYZ color 82.8828, 84.0877, 78.8800.



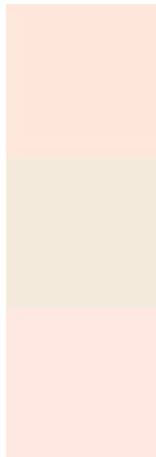
This preview shows how white text looks on a background with the XYZ color 82.8828, 84.0877,

78.8800.

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

82.8828, 84.0877, 78.8800

Protanopia

80.0677, 83.8702, 80.3752

Deuteranopia

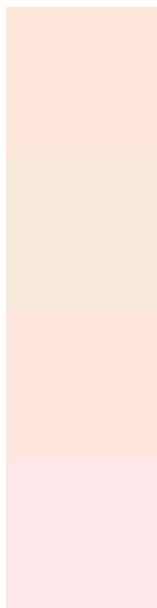
83.5434, 83.9028, 83.7432



Tritanopia

85.5884, 83.8303, 97.2578

Trichromacy



Original Color

82.8828, 84.0877, 78.8800

Protanomaly

81.0525, 83.9694, 79.6459

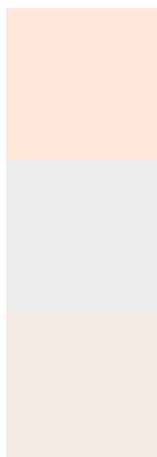
Deuteranomaly

83.1352, 83.7395, 81.5937

Tritanomaly

84.5322, 83.8518, 90.3269

Monochromacy



Original Color

82.8828, 84.0877, 78.8800

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.2995, 84.3629, 86.8616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8828, 84.0877, 78.8800 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, 232, 219) looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 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, 232, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 219) }
```

Border

The CSS property to change the border of an element to XYZ 82.8828, 84.0877, 78.8800 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, 232, 219) }
```


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

```
.border{ border-color:rgb(255, 232, 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, 232, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8828, 84.0877, 78.8800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 219) }
```

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

```
.background{ background-color: rgb(255,  
232, 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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