

Converting Colors

XYZ(118.8526, 100.0000,
81.2380)

Have a look what the booklet for
XYZ(118.8526, 100.0000, 81.2380)
contains.

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Color

**XYZ(81.4875, 80.8732,
79.7218)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2DD
RGB	255, 226, 221
RGB Percent	100%, 89%, 87%
CMY	0.0000, 0.1137, 0.1333
CMYK	0.00, 0.11, 0.13, 0.00
HSL	9°, 100%, 93%
HSV	9°, 13%, 100%
XYZ	81.4875, 80.8732, 79.7218
YIQ	234.1010, 18.8890, 4.5930

Conversions

Conversions Part 2

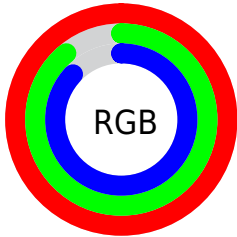
Format	Color
R _Y B	255, 227, 221
Decimal	16769757
CIE Lab	92.08, 9.15, 6.08
CIE LCh	92, 10.985, 33.578
Yxy	80.8732, 0.3366, 0.3341
Android (android.graphics.Color)	4294959837 (0xFFFFE2DD)
YUV	234.1010, -6.4588, 18.3284
Hunter-Lab	89.9295, 4.3668, 10.3906

Details

The XYZ color **81.4875, 80.8732, 79.7218** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.0534, 90.9607, 107.8402**, and the grayscale version is **78.3222, 82.4011, 89.7348**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7345, 43.8848, 42.1892** is the 20% darker color. If you saturate the color by 10%, you get **72.8018, 68.5322, 61.3186**, and if you desaturate by 10%, it is **91.4430, 94.9274, 101.0962**.

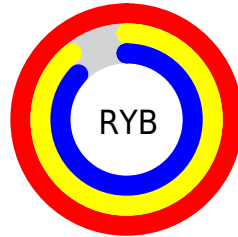
Distribution



Red (100%)

Green (89%)

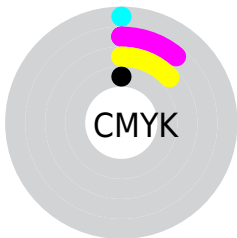
Blue (87%)



Red (100%)

Yellow (89%)

Blue (87%)

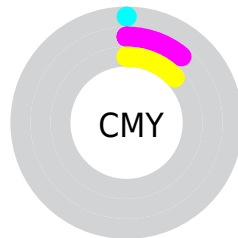


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4875, 80.8732, 79.7218 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 81.4875, 80.8732, 79.7218 by changing the saturation by 10% instead.


 81.4875, 80.8732,
79.7218

 81.4875, 80.8732,
79.7218


488.5923,
497.8707, 513.6768

 61.2558, 60.4372,
58.9646


134.3946,
134.5927, 134.7824

 44.6850, 43.7711,
42.1648


167.8008,
168.6450, 169.9229

 31.4096, 30.4906,
28.9038


206.3293,
208.0048, 210.6949

 21.0643, 20.2113,
18.7631

250.3453,
253.0565, 257.5170

 13.2837, 12.5487,
11.3242

300.2143,
304.1846, 310.8077

 7.7026, 7.1185,
6.1684

356.3015,

 3.9554, 3.5363,

361.7734, 370.9855

2.8773

418.9724,
426.2073, 438.4691

■ 1.6769, 1.4177,
1.0323

■ 0.4418, 0.2297,
0.0000

■ 81.4875, 80.8732,
79.7218

■ 81.4875, 80.8732,
79.7218

■ 72.8018, 68.5322,
61.3186

■ 91.4430, 94.9274,
101.0962

■ 65.3292, 57.8290,
45.7499

95.0500, 100.0000,
108.9000

■ 59.0167, 48.6974,
32.8760

■ 53.8055, 41.0632,
22.5434

■ 49.6314, 34.8459,
14.5828

■ 46.4234, 29.9573,
8.8046

■ 44.1012, 26.2992,
4.9897

■ 42.5708, 23.7596,
2.8727

■ 41.9184, 22.6168,
2.1561

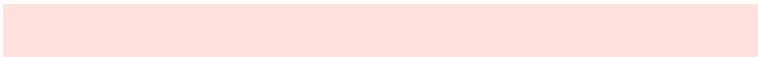
Harmonies

Analogous

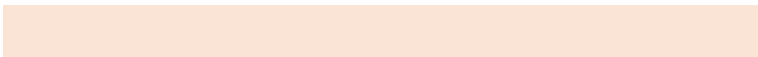
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4234, 80.8732, 87.0889



81.4875, 80.8732, 79.7218



79.3127, 80.8732, 74.8340

Triad

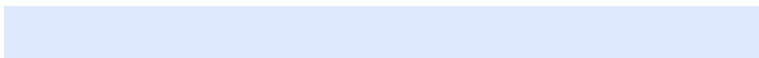
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4875, 80.8732, 79.7218



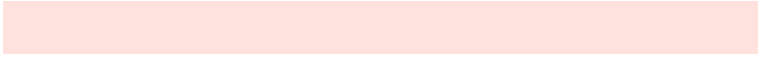
72.0999, 80.8732, 81.3076



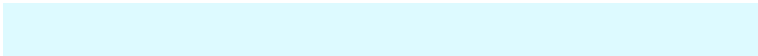
77.2074, 80.8732, 104.5325

Complementary

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



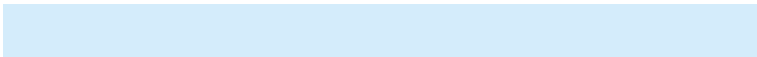
81.4875, 80.8732, 79.7218



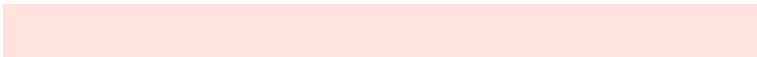
82.0534, 90.9607, 107.8402

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.



74.4732, 80.8732, 102.7529



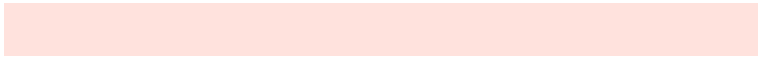
81.4875, 80.8732, 79.7218



71.5671, 80.8732, 89.0326

Square

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



81.4875, 80.8732, 79.7218



73.8991, 80.8732, 75.7094



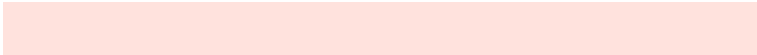
72.4256, 80.8732, 96.9542



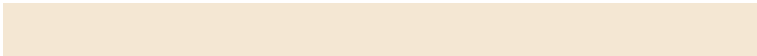
79.9144, 80.8732, 101.6795

Rectangle

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



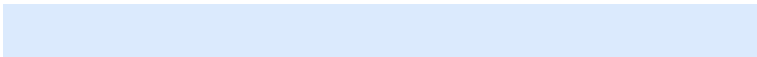
81.4875, 80.8732, 79.7218



77.4774, 80.8732, 73.4705



72.4256, 80.8732, 96.9542



76.2609, 80.8732, 104.4570

Sweetspot

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



81.4894, 80.8766, 79.7235



90.7384, 93.9354, 99.5751



84.4255, 79.9052, 101.8003



19.2532, 19.8687, 20.9497



0.0000, 0.0000, 0.0000



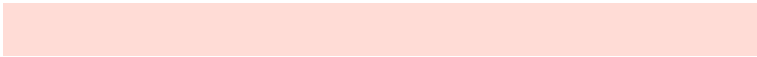
20.3446, 21.4041, 23.3091

Same Dimension

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



81.4894, 80.8766, 79.7235



79.0504, 77.4198, 74.5294



86.2026, 90.3031, 81.2946



18.2251, 18.4184, 18.7389



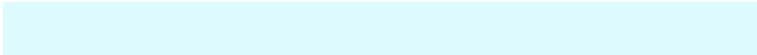
21.9677, 11.9466, 1.1481



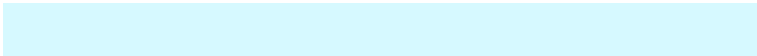
2.2000, 1.2853, 0.1321

Inverse Universe

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



82.0534, 90.9607, 107.8402



79.7138, 89.2940, 107.6418



77.1408, 81.1354, 106.2027



18.3136, 19.9988, 23.1449



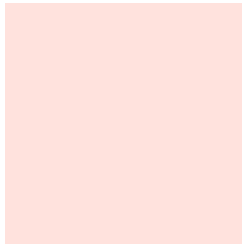
22.5460, 30.0017, 54.0372



2.2546, 3.0398, 5.2812

Previews

White Background



This preview shows how the XYZ color 81.4875, 80.8732, 79.7218 looks on a white background.

Color Contrast Check

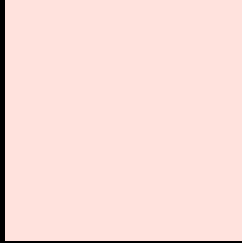
Large Text (above 18pt) WCAG AA × Fail

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 81.4875, 80.8732, 79.7218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

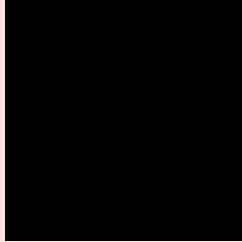
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4875, 80.8732, 79.7218

Background



This preview shows how black text looks on a background with the XYZ color 81.4875, 80.8732, 79.7218.



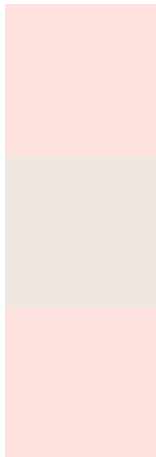
This preview shows how white text looks on a background with the XYZ color 81.4875, 80.8732,

79.7218.

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

81.4875, 80.8732, 79.7218

Protanopia

77.2904, 80.7108, 82.0261

Deuteranopia

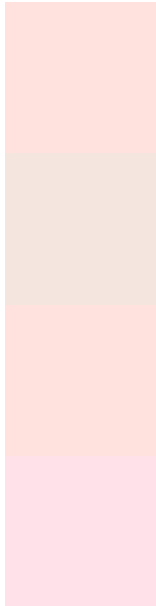
81.7556, 80.9804, 81.1338



Tritanopia

83.6238, 80.8626, 93.6387

Trichromacy



Original Color

81.4875, 80.8732, 79.7218

Protanomaly

78.6468, 80.5994, 81.2242

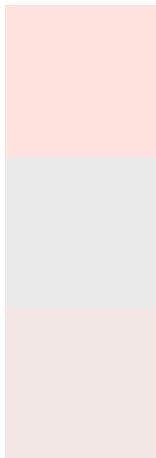
Deuteranomaly

81.6212, 80.9266, 80.4257

Tritanomaly

82.8732, 80.9936, 88.3562

Monochromacy



Original Color

81.4875, 80.8732, 79.7218

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.3367, 81.6862, 85.7143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4875, 80.8732, 79.7218 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, 226, 221) looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 221)  
}
```

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, 226, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 221) }
```

Border

The CSS property to change the border of an element to XYZ 81.4875, 80.8732, 79.7218 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, 226, 221) }
```


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

```
.border{ border-color:rgb(255, 226, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4875, 80.8732, 79.7218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 221) }
```

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

```
.background{ background-color: rgb(255,  
226, 221) }
```

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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