

Converting Colors

XYZ(79.7297, 81.0040, 79.7056)

Have a look what the booklet for
XYZ(79.7297, 81.0040, 79.7056)
contains.

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Color

**XYZ(79.7819, 81.2155,
79.8778)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E5DD
RGB	248, 229, 221
RGB Percent	97%, 90%, 87%
CMY	0.0274, 0.1019, 0.1333
CMYK	0.00, 0.08, 0.11, 0.03
HSL	18°, 66%, 92%
HSV	18°, 11%, 97%
XYZ	79.7819, 81.2155, 79.8778
YIQ	233.7690, 13.8920, 1.5400

Conversions

Conversions Part 2

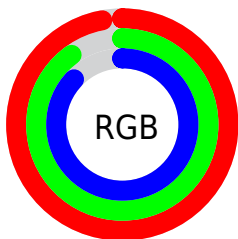
Format	Color
R _Y B	248, 232, 221
Decimal	16311773
CIE Lab	92.23, 5.16, 6.22
CIE LCh	92, 8.081, 50.334
Yxy	81.2155, 0.3312, 0.3372
Android (android.graphics.Color)	4294501853 (0xFFF8E5DD)
YUV	233.7690, -6.2951, 12.4806
Hunter-Lab	90.1196, 0.3147, 10.5319

Details

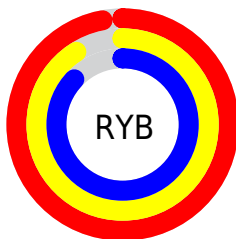
The XYZ color **79.7819, 81.2155, 79.8778** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.9220, 84.4683, 101.0051**, and the grayscale version is **78.0727, 82.1385, 89.4488**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5048, 44.1016, 42.2959** is the 20% darker color. If you saturate the color by 10%, you get **72.1317, 70.8176, 62.2123**, and if you desaturate by 10%, it is **88.4100, 92.7863, 100.2792**.

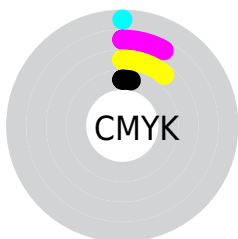
Distribution



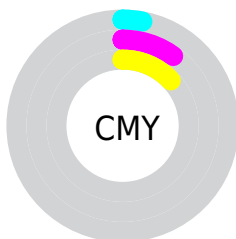
- Red (97%)
- Green (90%)
- Blue (87%)



- Red (97%)
- Yellow (91%)
- Blue (87%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (3%)





- Cyan (3%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.7819, 81.2155, 79.8778 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 79.7819, 81.2155, 79.8778 by changing the saturation by 10% instead.

 79.7819, 81.2155,
79.8778

 79.7819, 81.2155,
79.8778


482.9453,
499.0198, 514.2168

 59.8467, 60.7191,
59.0922

132.0112,
135.0733, 135.0038

 43.5441, 43.9985,
42.2669


165.0360,
169.2035, 170.1812

 30.5086, 30.6693,
28.9832


203.1548,
208.6471, 210.9931

 20.3750, 20.3472,
18.8226

246.7329,
253.7885, 257.8578

 12.7777, 12.6477,
11.3667

296.1356,
305.0121, 311.1940

 7.3516, 7.1864,
6.1968

351.7283,

 3.7312, 3.5789,

362.7022, 371.4202

2.8944

413.8764,
427.2433, 438.9550

■ 1.5512, 1.4409,
1.0410

■ 0.3603, 0.2466,
0.0000

■ 79.7819, 81.2155,
79.8778

■ 79.7819, 81.2155,
79.8778

■ 72.1317, 70.8176,
62.2123

■ 88.4100, 92.7863,
100.2792

■ 65.4171, 61.5448,
47.1604

■ 92.5219, 98.6967,
108.7817

■ 59.6025, 53.3616,
34.5984

■ 54.6473, 46.2268,
24.3902

■ 50.5078, 40.0961,
16.3868

■ 47.1357, 34.9223,
10.4217

■ 44.4772, 30.6534,
6.3044

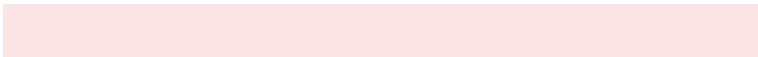
■ 42.4701, 27.2321,
3.8077

■ 41.1288, 24.7906,
2.6173

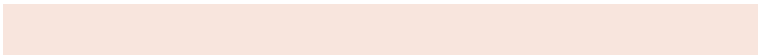
Harmonies

Analogous

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



81.0158, 81.2155, 84.4975



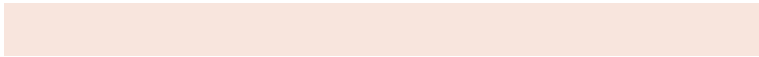
79.7819, 81.2155, 79.8778



77.8684, 81.2155, 77.5810

Triad

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



79.7819, 81.2155, 79.8778



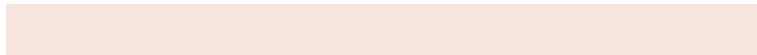
73.3055, 81.2155, 86.5148



78.5952, 81.2155, 99.6459

Complementary

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



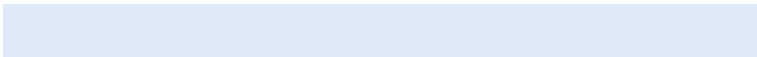
79.7819, 81.2155, 79.8778



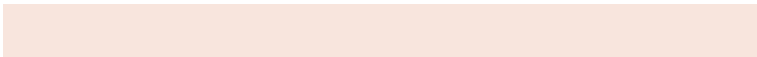
77.9220, 84.4683, 101.0051

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.



76.5213, 81.2155, 100.2457



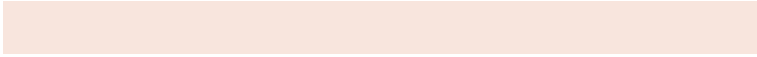
79.7819, 81.2155, 79.8778



73.4922, 81.2155, 92.4824

Square

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



79.7819, 81.2155, 79.8778



74.1460, 81.2155, 81.2974



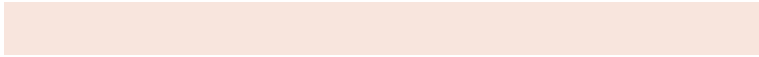
74.6605, 81.2155, 97.5716



80.3222, 81.2155, 95.9678

Rectangle

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



79.7819, 81.2155, 79.8778



76.4756, 81.2155, 77.6023



74.6605, 81.2155, 97.5716



77.9147, 81.2155, 100.2204

Sweetspot

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



79.7841, 81.2191, 79.8795



92.1496, 96.1310, 101.9775



80.3492, 77.9826, 93.5293



19.5614, 20.3588, 21.4412



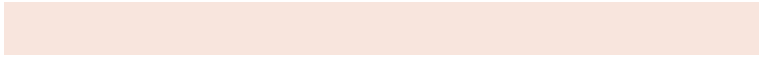
0.0000, 0.0000, 0.0000



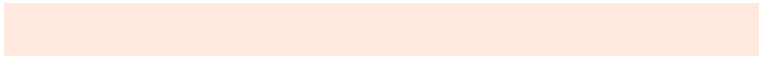
20.3446, 21.4041, 23.3091

Same Dimension

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



79.7841, 81.2191, 79.8795



83.1706, 84.0577, 80.8431



83.5604, 88.7717, 81.1383



17.6639, 18.0637, 18.0181



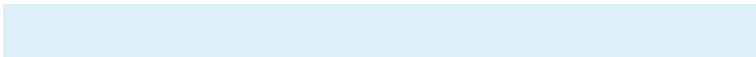
22.3232, 13.6031, 1.4491



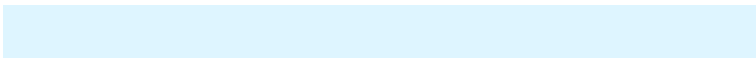
2.1554, 1.4357, 0.1635

Inverse Universe

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



77.9220, 84.4683, 101.0051



80.8329, 88.1352, 107.3592



74.1913, 77.0068, 99.7615



17.3059, 18.6886, 22.0804



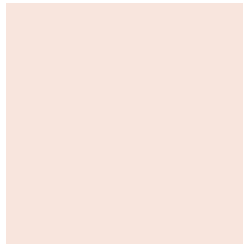
17.5073, 20.3702, 50.9827



1.7137, 2.0710, 4.7526

Previews

White Background



This preview shows how the XYZ color 79.7819, 81.2155, 79.8778 looks on a white background.

Color Contrast Check

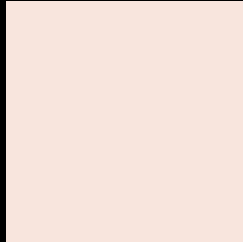
Large Text (above 18pt) WCAG AA × Fail

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 79.7819, 81.2155, 79.8778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

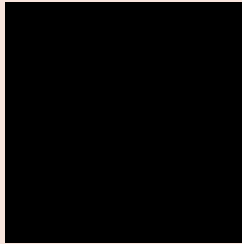
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

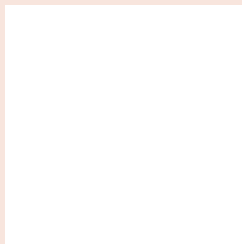
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7819, 81.2155, 79.8778

Background



This preview shows how black text looks on a background with the XYZ color 79.7819, 81.2155, 79.8778.



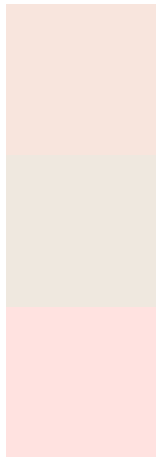
This preview shows how white text looks on a background with the XYZ color 79.7819, 81.2155,

79.8778.

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

79.7819, 81.2155, 79.8778

Protanopia

77.7725, 81.3917, 81.4231

Deuteranopia

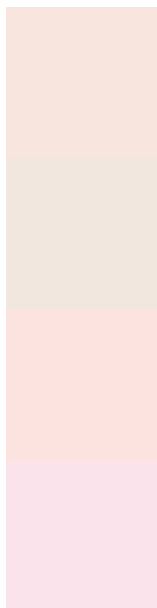
81.8909, 81.0345, 81.8461



Tritanopia

83.1577, 81.3730, 96.1177

Trichromacy



Original Color

79.7819, 81.2155, 79.8778

Protanomaly

78.3787, 81.3030, 80.6693

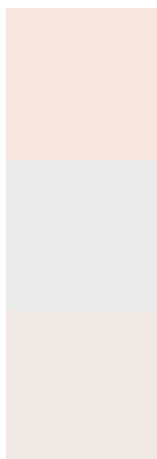
Deuteranomaly

80.9333, 80.9613, 81.1735

Tritanomaly

81.8888, 81.2603, 89.9661

Monochromacy



Original Color

79.7819, 81.2155, 79.8778

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.5961, 81.7211, 85.7600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7819, 81.2155, 79.8778 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(248, 229, 221) looks like.

```
.text, #text, p{  
    color:rgb(248, 229, 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(248, 229, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 229, 221) }
```

Border

The CSS property to change the border of an element to XYZ 79.7819, 81.2155, 79.8778 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(248, 229, 221) }
```


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

```
.border{ border-color:rgb(248, 229, 221) }
```

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

Here you see how a box with a 4 pixel rgb(248, 229, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 229, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 229, 221);  
box-shadow:4px 4px 4px 4px rgb(248, 229,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7819, 81.2155, 79.8778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 229, 221) }
```

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

```
.background{ background-color: rgb(248,  
229, 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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