

Converting Colors

XYZ(79.3536, 81.9544, 80.1057)

Have a look what the booklet for
XYZ(79.3536, 81.9544, 80.1057)
contains.

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Color

**XYZ(79.2832, 81.7848,
80.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E7DD
RGB	245, 231, 221
RGB Percent	96%, 91%, 87%
CMY	0.0392, 0.0941, 0.1333
CMYK	0.00, 0.06, 0.10, 0.04
HSL	25°, 55%, 91%
HSV	25°, 10%, 96%
XYZ	79.2832, 81.7848, 80.0140
YIQ	234.0460, 11.5540, -0.1420

Conversions

Conversions Part 2

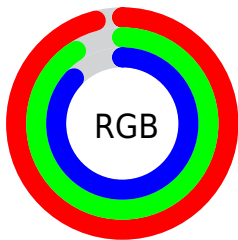
Format	Color
R _Y B	245, 238, 221
Decimal	16115677
CIE Lab	92.48, 3.09, 6.55
CIE LCh	92, 7.243, 64.784
Yxy	81.7848, 0.3289, 0.3392
Android (android.graphics.Color)	4294305757 (0xFFF5E7DD)
YUV	234.0460, -6.4317, 9.6067
Hunter-Lab	90.4349, -1.7724, 10.8465

Details

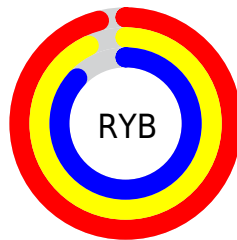
The XYZ color **79.2832, 81.7848, 80.0140** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.0082, 81.3797, 98.0887**, and the grayscale version is **78.2845, 82.3614, 89.6916**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1992, 44.2319, 42.3372** is the 20% darker color. If you saturate the color by 10%, you get **72.4180, 72.9021, 62.7791**, and if you desaturate by 10%, it is **86.9557, 91.5181, 99.8701**.

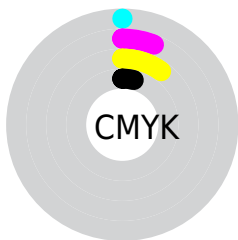
Distribution



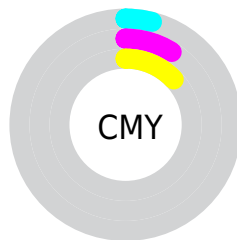
- Red (96%)
- Green (91%)
- Blue (87%)



- Red (96%)
- Yellow (93%)
- Blue (87%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (4%)





- Cyan (4%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2832, 81.7848, 80.0140 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 79.2832, 81.7848, 80.0140 by changing the saturation by 10% instead.


 79.2832, 81.7848,
80.0140

 79.2832, 81.7848,
80.0140

481.2873,
500.9276, 514.6880

 59.4351, 61.1882,
59.2036

131.3133,
135.8722, 135.1970

 43.2112, 44.3770,
42.3560


164.2260,
170.1317, 170.4067

 30.2461, 30.9670,
29.0525


202.2244,
209.7143, 211.2533

 20.1745, 20.5737,
18.8746

245.6736,
255.0044, 258.1553

 12.6309, 12.8128,
11.4038

294.9392,
306.3864, 311.5312

 7.2501, 7.2998,
6.2216

350.3864,

 3.6667, 3.6503,

364.2447, 371.7996

2.9093

412.3807,
428.9636, 439.3790

■ 1.5154, 1.4799,
1.0485

■ 0.3363, 0.2745,
0.0000

■ 79.2832, 81.7848,
80.0140

■ 79.2832, 81.7848,
80.0140

■ 72.4180, 72.9021,
62.7791

■ 86.9557, 91.5181,
99.8701

■ 66.3251, 64.8354,
48.0493

■ 91.4665, 98.1526,
108.7323

■ 60.9767, 57.5636,
35.7076

■ 56.3404, 51.0602,
25.6255

■ 52.3815, 45.2973,
17.6622

■ 49.0615, 40.2450,
11.6610

■ 46.3375, 35.8706,
7.4430

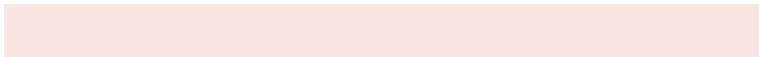
■ 44.1596, 32.1381,
4.7956

■ 42.4524, 29.0000,
3.3745

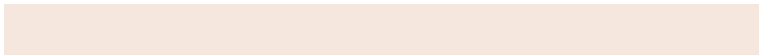
Harmonies

Analogous

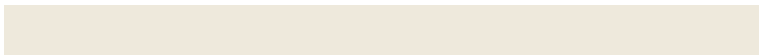
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.7388, 81.7848, 83.2771



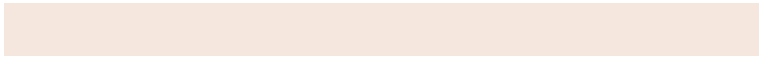
79.2832, 81.7848, 80.0140



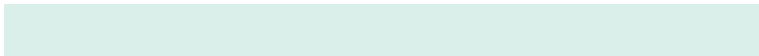
77.4331, 81.7848, 79.1328

Triad

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



79.2832, 81.7848, 80.0140



74.1894, 81.7848, 89.9153



79.8131, 81.7848, 97.8199

Complementary

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



79.2832, 81.7848, 80.0140



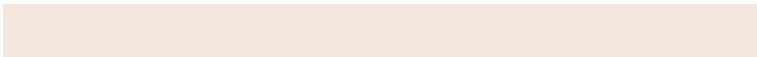
76.0082, 81.3797, 98.0887

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.



78.0357, 81.7848, 99.7624



79.2832, 81.7848, 80.0140



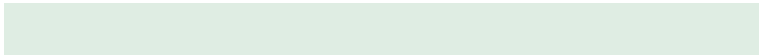
74.8047, 81.7848, 95.0831

Square

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



79.2832, 81.7848, 80.0140



74.5114, 81.7848, 84.7144



76.2051, 81.7848, 98.7414



81.0482, 81.7848, 93.5305

Rectangle

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



79.2832, 81.7848, 80.0140



76.2295, 81.7848, 79.9833



76.2051, 81.7848, 98.7414



79.2582, 81.7848, 98.7767

Sweetspot

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



79.2855, 81.7884, 80.0158



92.4359, 96.7037, 102.0729



78.5089, 77.1247, 89.3468



19.6385, 20.5131, 21.4669



0.0000, 0.0000, 0.0000



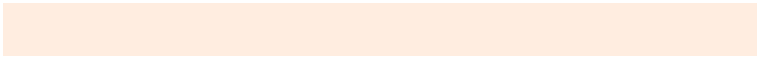
20.3446, 21.4041, 23.3091

Same Dimension

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



79.2855, 81.7884, 80.0158



85.0783, 87.3223, 83.1766



82.7587, 88.7349, 81.1735



17.0667, 17.6175, 17.2986



22.9822, 15.8499, 1.8480



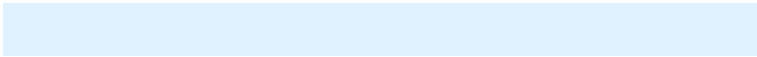
2.1189, 1.5911, 0.1954

Inverse Universe

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



76.0082, 81.3797, 98.0887



80.7394, 86.7809, 107.1027



72.6890, 74.7413, 96.9822



16.3841, 17.5324, 21.0631



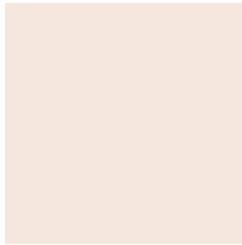
14.2997, 14.3933, 48.5625



1.3582, 1.4677, 4.3020

Previews

White Background



This preview shows how the XYZ color 79.2832, 81.7848, 80.0140 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 79.2832, 81.7848, 80.0140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

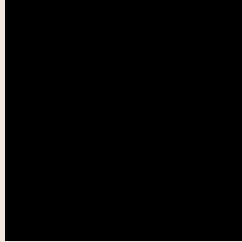
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

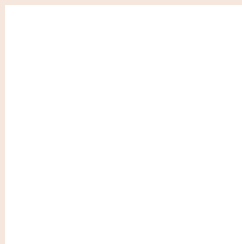
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2832, 81.7848, 80.0140

Background



This preview shows how black text looks on a background with the XYZ color 79.2832, 81.7848, 80.0140.

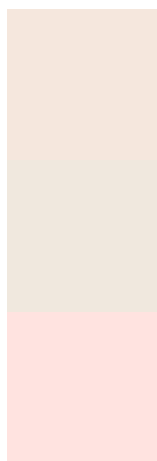


This preview shows how white text looks on a background with the XYZ color 79.2832, 81.7848,

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

79.2832, 81.7848, 80.0140

Protanopia

77.9766, 81.5124, 80.7309

Deuteranopia

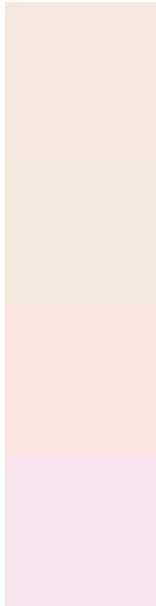
82.1636, 81.5800, 81.9370



Tritanopia

82.6619, 81.4872, 97.7581

Trichromacy



Original Color

79.2832, 81.7848, 80.0140

Protanomaly

78.6594, 81.8644, 80.7629

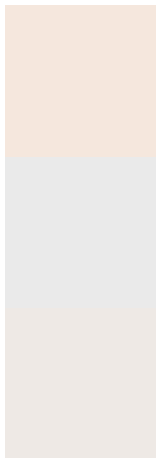
Deuteranomaly

80.8463, 81.3237, 81.2480

Tritanomaly

81.2415, 81.3171, 90.7708

Monochromacy



Original Color

79.2832, 81.7848, 80.0140

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.5417, 82.1121, 85.8384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2832, 81.7848, 80.0140 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(245, 231, 221) looks like.

```
.text, #text, p{  
    color:rgb(245, 231, 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(245, 231, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 231, 221) }
```

Border

The CSS property to change the border of an element to XYZ 79.2832, 81.7848, 80.0140 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(245, 231, 221) }
```


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

```
.border{ border-color:rgb(245, 231, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 231, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 231, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 231, 221);  
box-shadow:4px 4px 4px 4px rgb(245, 231,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2832, 81.7848, 80.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 231, 221) }
```

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

```
.background{ background-color: rgb(245,  
231, 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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