

Converting Colors

XYZ(76.2004, 81.8873, 82.2231)

Have a look what the booklet for
XYZ(76.2004, 81.8873, 82.2231)
contains.

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Color

**XYZ(76.1179, 81.7874,
82.2957)**

Conversions

Conversions Part 1

Format	Color
Hex	E7EBE0
RGB	231, 235, 224
RGB Percent	91%, 92%, 88%
CMY	0.0941, 0.0784, 0.1216
CMYK	0.02, 0.00, 0.05, 0.08
HSL	82°, 22%, 90%
HSV	82°, 5%, 92%
XYZ	76.1179, 81.7874, 82.2957
YIQ	232.5500, 1.1470, -4.2690

Conversions

Conversions Part 2

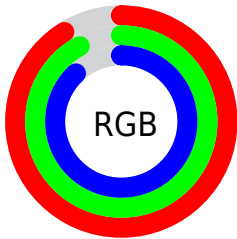
Format	Color
RYB	224, 235, 228
Decimal	15199200
CIELab	92.48, -3.27, 4.86
CIElCh	92, 5.853, 123.943
Yxy	81.7874, 0.3169, 0.3405
Android (android.graphics.Color)	4293389280 (0xFFE7EBE0)
YUV	232.5500, -4.2152, -1.3594
Hunter-Lab	90.4364, -8.0250, 9.3525

Details

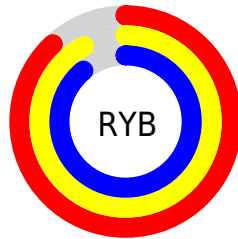
The XYZ color **76.1179, 81.7874, 82.2957** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.6490, 75.8056, 89.3517**, and the grayscale version is **77.1459, 81.1635, 88.3871**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9607, 44.2187, 43.9123** is the 20% darker color. If you saturate the color by 10%, you get **70.4562, 79.2142, 66.5276**, and if you desaturate by 10%, it is **82.3596, 84.6134, 100.3938**.

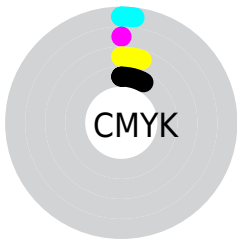
Distribution



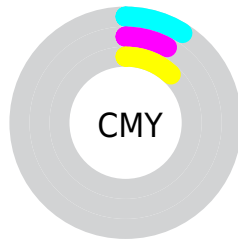
- Red (91%)
- Green (92%)
- Blue (88%)



- Red (88%)
- Yellow (92%)
- Blue (89%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)



- Cyan (9%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1179, 81.7874, 82.2957 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 76.1179, 81.7874, 82.2957 by changing the saturation by 10% instead.

■ 76.1179, 81.7874,
82.2957

■ 76.1179, 81.7874,
82.2957

470.6894,
500.9363, 522.5456

■ 56.8266, 61.1903,
61.0721

126.8730,
135.8758, 138.4290

■ 41.1056, 44.3788,
43.8524

159.0675,
170.1359, 174.1757

■ 28.5897, 30.9684,
30.2181

196.2938,
209.7192, 215.6006

■ 18.9133, 20.5748,
19.7508

238.9172,
255.0100, 263.1221

■ 11.7113, 12.8135,
12.0317

287.3032,
306.3927, 317.1589

■ 6.6182, 7.3003,
6.6425

341.8169,

■ 3.2687, 3.6506,

364.2517, 378.1293

3.1645

402.8239,
428.9714, 446.4521

■ 1.2974, 1.4801,
1.1792

■ 0.1813, 0.2747,
0.0000

■ 76.1179, 81.7874,
82.2957

■ 76.1179, 81.7874,
82.2957

■ 70.4562, 79.2142,
66.5276

■ 82.3596, 84.6134,
100.3938

■ 65.3478, 76.8751,
52.9895

■ 86.5083, 86.6154,
106.7667

■ 60.7739, 74.7649,
41.5819

■ 88.9999, 87.8998,
106.8833

■ 56.7117, 72.8743,
32.1960

■ 53.1369, 71.1933,
24.7132

■ 50.0223, 69.7109,
19.0024

■ 47.3379, 68.4147,
14.9161

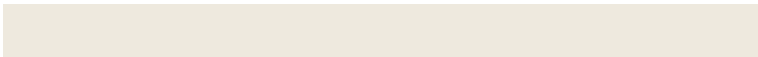
■ 45.0489, 67.2906,
12.2829

■ 43.1133, 66.3215,
10.8930

Harmonies

Analogous

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



77.5359, 81.7874, 80.9700



76.1179, 81.7874, 82.2957



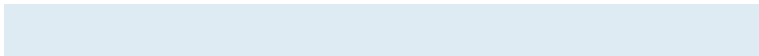
75.1435, 81.7874, 85.4306

Triad

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



76.1179, 81.7874, 82.2957



76.4613, 81.7874, 96.7760



80.6851, 81.7874, 88.4789

Complementary

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



76.1179, 81.7874, 82.2957



73.6490, 75.8056, 89.3517

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.



80.3884, 81.7874, 92.7755



76.1179, 81.7874, 82.2957



77.9374, 81.7874, 97.6559

Square

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



76.1179, 81.7874, 82.2957



75.3399, 81.7874, 93.8026



79.3778, 81.7874, 96.1695



80.1833, 81.7874, 84.4657

Rectangle

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



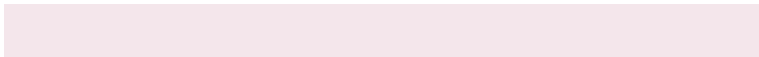
76.1179, 81.7874, 82.2957



74.8697, 81.7874, 88.1734



79.3778, 81.7874, 96.1695



80.6755, 81.7874, 89.9375

Sweetspot

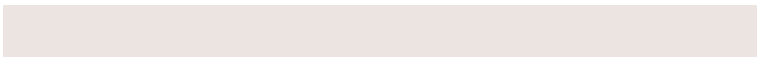
The Sweet Spot groups the original color and five complimentary colors.



76.1202, 81.7909, 82.2975



94.3016, 99.6613, 106.7361



75.4206, 78.4510, 81.6897



20.1923, 21.3352, 22.8687



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.



76.1202, 81.7909, 82.2975



90.6650, 98.0128, 96.3444



74.4198, 80.9143, 82.2179



16.1415, 17.4970, 17.0196



23.6266, 36.7244, 5.8433



1.9601, 2.9378, 0.4637

Inverse Universe

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



73.6490, 75.8056, 89.3517



86.8714, 88.8243, 107.1739



75.3726, 76.6941, 89.4324



15.3986, 15.6975, 19.1406



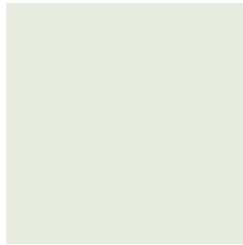
10.5843, 4.4923, 44.0522



0.9335, 0.4055, 3.4639

Previews

White Background



This preview shows how the XYZ color 76.1179, 81.7874, 82.2957 looks on a white background.

Color Contrast Check

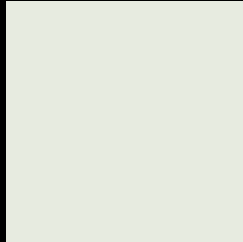
Large Text (above 18pt) WCAG AA × Fail

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 76.1179, 81.7874, 82.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

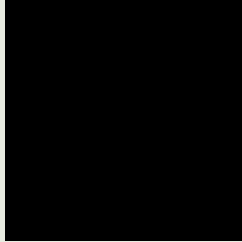
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

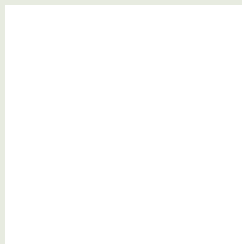
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1179, 81.7874, 82.2957

Background



This preview shows how black text looks on a background with the XYZ color 76.1179, 81.7874, 82.2957.



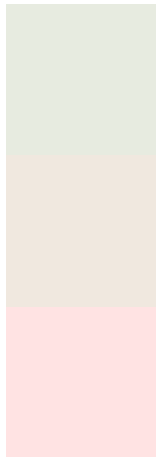
This preview shows how white text looks on a background with the XYZ color 76.1179, 81.7874,

82.2957.

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

76.1179, 81.7874, 82.2957

Protanopia

78.1111, 81.5662, 81.4390

Deuteranopia

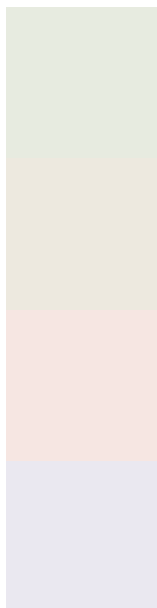
82.5742, 81.7442, 84.0991



Tritanopia

79.9357, 81.6535, 101.1702

Trichromacy



Original Color

76.1179, 81.7874, 82.2957

Protanomaly

77.3832, 81.6101, 81.4858

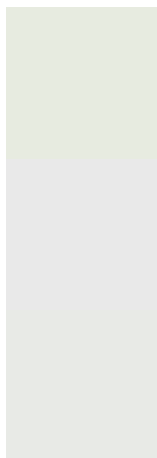
Deuteranomaly

80.0303, 81.6774, 83.4988

Tritanomaly

78.5165, 81.4969, 94.0303

Monochromacy



Original Color

76.1179, 81.7874, 82.2957

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.9845, 81.7146, 86.5779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1179, 81.7874, 82.2957 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(231, 235, 224) looks like.

```
.text, #text, p{  
    color:rgb(231, 235, 224)  
}
```

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(231, 235, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 235, 224) }
```

Border

The CSS property to change the border of an element to XYZ 76.1179, 81.7874, 82.2957 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(231, 235, 224) }
```


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

```
.border{ border-color:rgb(231, 235, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 235, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 235, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 235, 224);  
box-shadow:4px 4px 4px 4px rgb(231, 235,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1179, 81.7874, 82.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 235, 224) }
```

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

```
.background{ background-color: rgb(231,  
235, 224) }
```

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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