

Converting Colors

XYZ(77.1447, 81.9325, 86.4872)

Have a look what the booklet for
XYZ(77.1447, 81.9325, 86.4872)
contains.

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Color

**XYZ(76.9845, 81.7146,
86.5779)**

Conversions

Conversions Part 1

Format	Color
Hex	E8EAE6
RGB	232, 234, 230
RGB Percent	91%, 92%, 90%
CMY	0.0902, 0.0823, 0.0980
CMYK	0.01, 0.00, 0.02, 0.08
HSL	90°, 9%, 91%
HSV	90°, 2%, 92%
XYZ	76.9845, 81.7146, 86.5779
YIQ	232.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

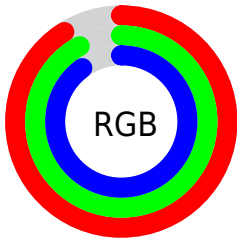
Format	Color
R _Y B	230, 234, 232
Decimal	15264486
CIE Lab	92.45, -1.37, 1.69
CIE LCh	92, 2.181, 129.054
Yxy	81.7146, 0.3139, 0.3332
Android (android.graphics.Color)	4293454566 (0xFFE8EAE6)
YUV	232.9460, -1.4524, -0.8296
Hunter-Lab	90.3961, -6.1764, 6.4916

Details

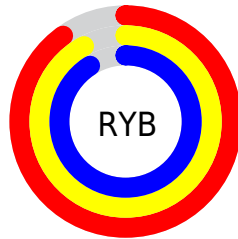
The XYZ color **76.9845, 81.7146, 86.5779** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.4298, 79.6921, 89.1999**, and the grayscale version is **77.4240, 81.4561, 88.7057**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5628, 44.1660, 46.8917** is the 20% darker color. If you saturate the color by 10%, you get **70.2413, 78.5952, 70.2444**, and if you desaturate by 10%, it is **84.4269, 85.1481, 105.2503**.

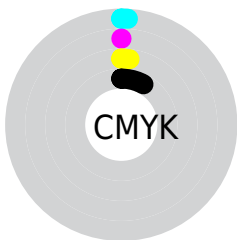
Distribution



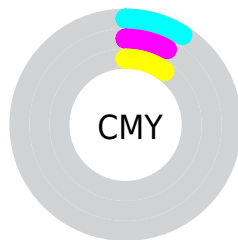
- Red (91%)
- Green (92%)
- Blue (90%)



- Red (90%)
- Yellow (92%)
- Blue (91%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)



- Cyan (9%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9845, 81.7146, 86.5779 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 76.9845, 81.7146, 86.5779 by changing the saturation by 10% instead.

■ 76.9845, 81.7146,
86.5779

■ 76.9845, 81.7146,
86.5779

473.6039,
500.6925, 537.1150

■ 57.5400, 61.1303,
64.5883

128.0906,
135.7737, 144.4693

■ 41.6808, 44.3303,
46.6781

160.4829,
170.0173, 181.2083

■ 29.0414, 30.9303,
32.4287

197.9218,
209.5828, 223.7007

■ 19.2566, 20.5458,
21.4217

240.7728,
254.8546, 272.3653

■ 11.9610, 12.7924,
13.2383

289.4011,
306.2171, 327.6204

■ 6.7891, 7.2857,
7.4602

344.1722,

■ 3.3757, 3.6414,

364.0546, 389.8847

3.6688

405.4513,
428.7516, 459.5768

■ 1.3554, 1.4751,
1.4454

■ 0.2241, 0.2711,
0.1768

■ 76.9845, 81.7146,
86.5779

■ 76.9845, 81.7146,
86.5779

■ 70.2413, 78.5952,
70.2444

■ 84.4269, 85.1481,
105.2503

■ 64.1680, 75.7700,
56.1523

■ 88.7144, 87.3288,
106.7881

■ 58.7433, 73.2323,
44.2052

■ 53.9420, 70.9714,
34.2975

■ 49.7370, 68.9760,
26.3148

■ 46.0989, 67.2336,
20.1312

■ 42.9953, 65.7305,
15.6061

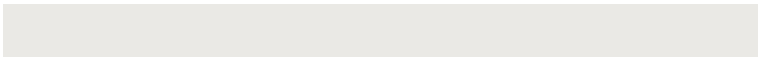
■ 40.3894, 64.4515,
12.5777

■ 38.2381, 63.3784,
10.8519

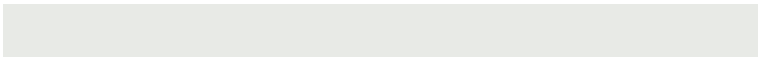
Harmonies

Analogous

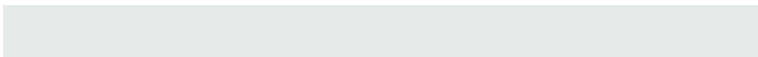
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.4964, 81.7146, 85.9346



76.9845, 81.7146, 86.5779



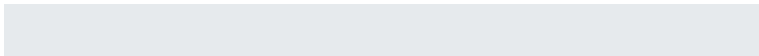
76.6566, 81.7146, 87.8651

Triad

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



76.9845, 81.7146, 86.5779



77.2794, 81.7146, 91.9121



78.7456, 81.7146, 88.4844

Complementary

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



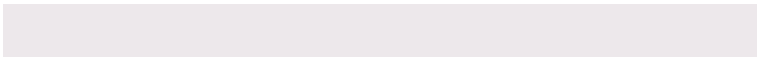
76.9845, 81.7146, 86.5779



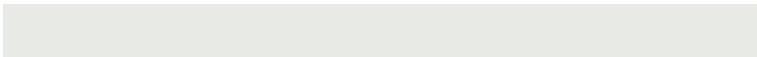
76.4298, 79.6921, 89.1999

Split Complementary

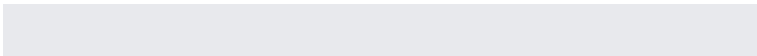
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.6868, 81.7146, 90.0907



76.9845, 81.7146, 86.5779



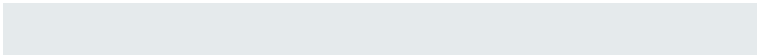
77.8384, 81.7146, 92.0828

Square

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



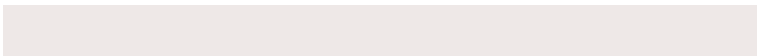
76.9845, 81.7146, 86.5779



76.8263, 81.7146, 90.9489



78.3541, 81.7146, 91.4125



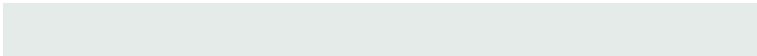
78.5144, 81.7146, 87.0265

Rectangle

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



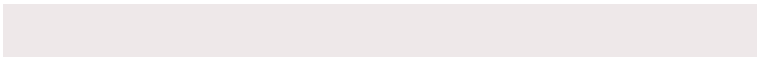
76.9845, 81.7146, 86.5779



76.5856, 81.7146, 88.9219



78.3541, 81.7146, 91.4125



78.7591, 81.7146, 89.0247

Sweetspot

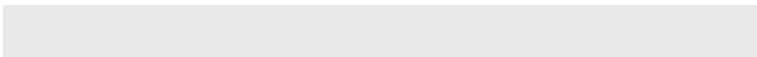
The Sweet Spot groups the original color and five complimentary colors.



76.9868, 81.7181, 86.5797



94.1741, 99.5956, 106.7302



77.0743, 80.9219, 86.4214



20.1664, 21.3218, 22.8675



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

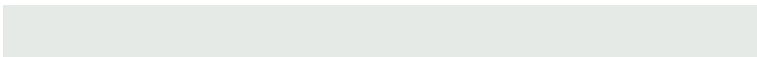
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.9868, 81.7181, 86.5797



93.3068, 99.1950, 104.5890



76.3412, 81.3853, 86.5495



16.7074, 17.7510, 18.7515



20.7933, 35.2638, 5.7107



1.7437, 2.8263, 0.4536

Inverse Universe

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



76.4298, 79.6921, 89.1999



92.5135, 96.3091, 108.3213



77.0828, 80.0287, 89.2304



16.5736, 17.2642, 19.3811



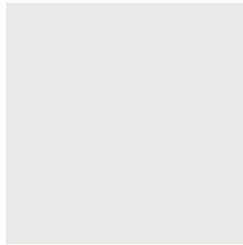
12.6218, 5.5427, 44.1476



1.1021, 0.4924, 3.4718

Previews

White Background



This preview shows how the XYZ color 76.9845, 81.7146, 86.5779 looks on a white background.

Color Contrast Check

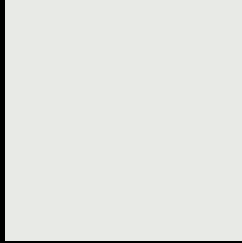
Large Text (above 18pt) WCAG AA × Fail

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 76.9845, 81.7146, 86.5779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

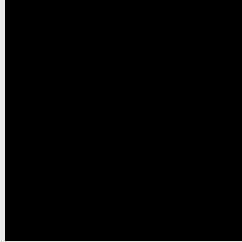
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

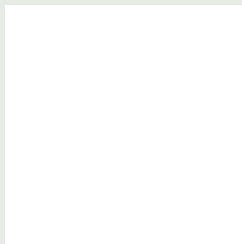
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.9845, 81.7146, 86.5779

Background



This preview shows how black text looks on a background with the XYZ color 76.9845, 81.7146, 86.5779.



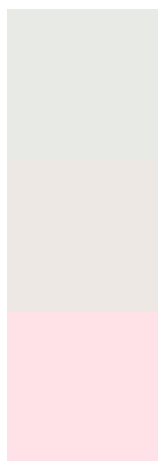
This preview shows how white text looks on a background with the XYZ color 76.9845, 81.7146,

86.5779.

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

76.9845, 81.7146, 86.5779

Protanopia

78.2594, 81.5475, 85.7443

Deuteranopia

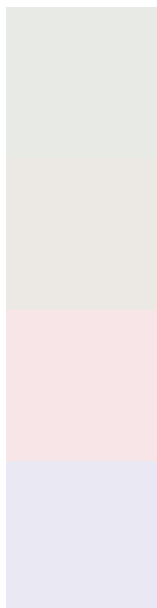
83.0018, 81.4789, 87.6963



Tritanopia

79.9357, 81.6535, 101.1702

Trichromacy



Original Color

76.9845, 81.7146, 86.5779

Protanomaly

77.8738, 81.7678, 85.8071

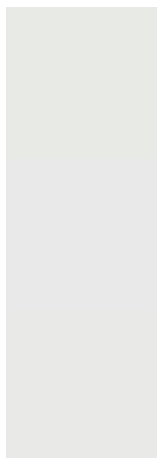
Deuteranomaly

80.8009, 81.5823, 87.0896

Tritanomaly

78.8153, 81.6165, 95.6039

Monochromacy



Original Color

76.9845, 81.7146, 86.5779

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.3087, 81.4277, 87.9864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9845, 81.7146, 86.5779 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(232, 234, 230) looks like.

```
.text, #text, p{  
    color:rgb(232, 234, 230)  
}
```

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(232, 234, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 234, 230) }
```

Border

The CSS property to change the border of an element to XYZ 76.9845, 81.7146, 86.5779 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(232, 234, 230) }
```


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

```
.border{ border-color:rgb(232, 234, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 234, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 234, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 234, 230);  
box-shadow:4px 4px 4px 4px rgb(232, 234,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9845, 81.7146, 86.5779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 234, 230) }
```

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

```
.background{ background-color: rgb(232,  
234, 230) }
```

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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