

Converting Colors

XYZ(78.3436, 80.3482, 87.1042)

Have a look what the booklet for
XYZ(78.3436, 80.3482, 87.1042)
contains.

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Color

**XYZ(78.3783, 80.3334,
86.9762)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E5E7
RGB	240, 229, 231
RGB Percent	94%, 90%, 91%
CMY	0.0588, 0.1019, 0.0941
CMYK	0.00, 0.05, 0.04, 0.06
HSL	349°, 27%, 92%
HSV	349°, 5%, 94%
XYZ	78.3783, 80.3334, 86.9762
YIQ	232.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

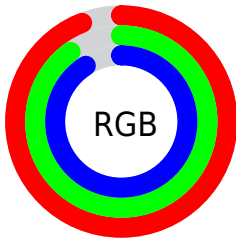
Format	Color
R _{YB}	240, 229, 231
Decimal	15787495
CIE Lab	91.83, 4.07, 0.35
CIE LCh	92, 4.086, 4.916
Yxy	80.3334, 0.3190, 0.3270
Android (android.graphics.Color)	4293977575 (0xFF0E5E7)
YUV	232.5170, -0.7479, 6.5626
Hunter-Lab	89.6289, -0.7567, 5.2050

Details

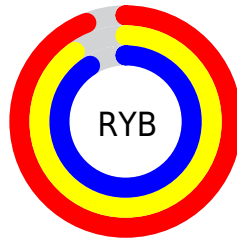
The XYZ color **78.3783, 80.3334, 86.9762** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.9088, 85.1533, 93.1705**, and the grayscale version is **77.0934, 81.1083, 88.3269**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6411, 43.5576, 46.7175** is the 20% darker color. If you saturate the color by 10%, you get **69.5711, 66.9119, 71.1120**, and if you desaturate by 10%, it is **88.4195, 95.7224, 104.7900**.

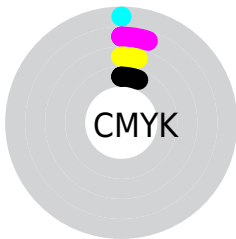
Distribution



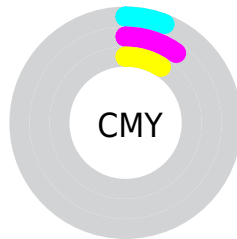
- Red (94%)
- Green (90%)
- Blue (91%)



- Red (94%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (6%)





- Cyan (6%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3783, 80.3334, 86.9762 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 78.3783, 80.3334, 86.9762 by changing the saturation by 10% instead.


 78.3783, 80.3334,
86.9762

 78.3783, 80.3334,
86.9762


478.2708,
496.0557, 538.4588

 58.6887, 59.9927,
64.9160


130.0458,
133.8344, 145.0295

 42.6079, 43.4128,
46.9421


162.7544,
167.7635, 181.8598

 29.7708, 30.2091,
32.6358


200.5333,
206.9909, 224.4504

 19.8119, 19.9974,
21.5788

243.7480,
251.9009, 273.2200

 12.3659, 12.3931,
13.3524

292.7637,
302.8780, 328.5871

 7.0673, 7.0120,
7.5381

347.9458,

 3.5509, 3.4696,

360.3066, 390.9703

3.7173

409.6598,
424.5710, 460.7880

■ 1.4514, 1.3815,
1.4716

■ 0.2924, 0.2031,
0.1966

■ 78.3783, 80.3334,
86.9762

■ 78.3783, 80.3334,
86.9762

■ 69.5711, 66.9119,
71.1120

■ 88.4195, 95.7224,
104.7900

■ 61.9434, 55.3686,
57.1257

■ 89.7457, 97.2655,
108.6518

■ 55.4467, 45.6225,
44.9488

■ 50.0264, 37.5830,
34.5068

■ 45.6235, 31.1513,
25.7199

■ 42.1730, 26.2187,
18.5018

■ 39.6025, 22.6626,
12.7584

■ 37.8284, 20.3413,
8.3849

■ 36.7504, 19.0818,
5.2619

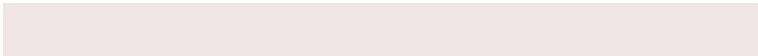
Harmonies

Analogous

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



78.1927, 80.3334, 89.9371



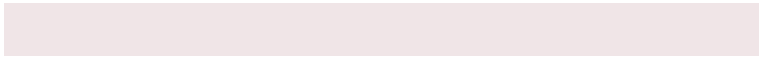
78.3783, 80.3334, 86.9762



78.0176, 80.3334, 84.2100

Triad

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



78.3783, 80.3334, 86.9762



75.2078, 80.3334, 82.8254



75.5040, 80.3334, 92.7970

Complementary

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



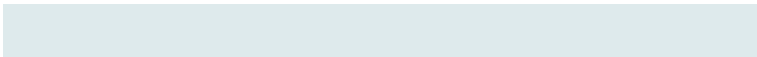
78.3783, 80.3334, 86.9762



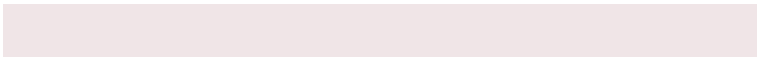
78.9088, 85.1533, 93.1705

Split Complementary

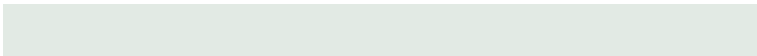
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7152, 80.3334, 90.8118



78.3783, 80.3334, 86.9762



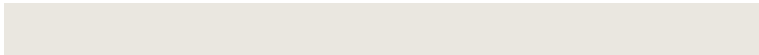
74.5453, 80.3334, 85.0473

Square

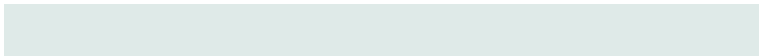
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



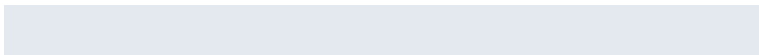
78.3783, 80.3334, 86.9762



76.1821, 80.3334, 81.8487



74.3658, 80.3334, 87.9645



76.5272, 80.3334, 93.3417

Rectangle

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



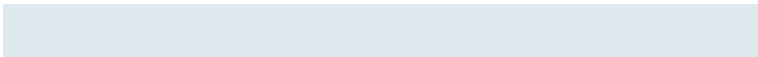
78.3783, 80.3334, 86.9762



77.5177, 80.3334, 82.8348



74.3658, 80.3334, 87.9645



75.2029, 80.3334, 92.2738

Sweetspot

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



78.3806, 80.3369, 86.9779



93.9076, 98.2501, 106.8704



79.0043, 80.5078, 93.8148



20.1121, 21.0480, 22.8961



0.0000, 0.0000, 0.0000



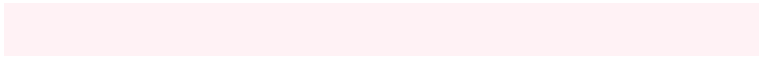
20.3446, 21.4041, 23.3091

Same Dimension

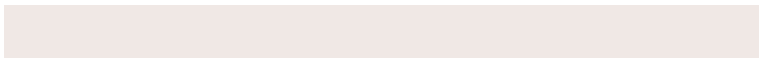
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3806, 80.3369, 86.9779



89.4816, 91.4792, 98.9789



79.0734, 82.1711, 85.8259



16.6273, 16.9308, 18.3005



19.9506, 10.2527, 2.3904



1.6923, 0.8660, 0.3704

Inverse Universe

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



78.3806, 80.3369, 86.9779



89.4816, 91.4792, 98.9789



78.1885, 83.2408, 94.3853



16.6273, 16.9308, 18.3005



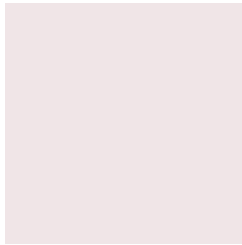
19.9506, 10.2527, 2.3904



1.6923, 0.8660, 0.3704

Previews

White Background



This preview shows how the XYZ color 78.3783, 80.3334, 86.9762 looks on a white background.

Color Contrast Check

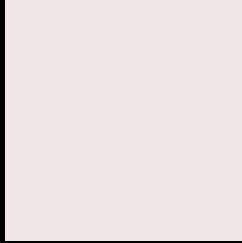
Large Text (above 18pt) WCAG AA × Fail

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 78.3783, 80.3334, 86.9762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

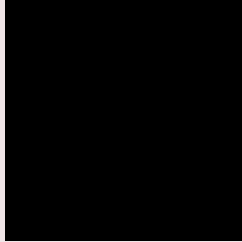
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

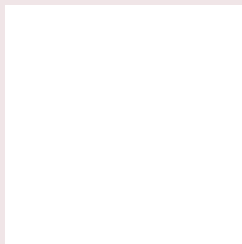
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.3783, 80.3334, 86.9762

Background



This preview shows how black text looks on a background with the XYZ color 78.3783, 80.3334, 86.9762.



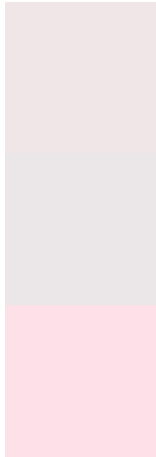
This preview shows how white text looks on a background with the XYZ color 78.3783, 80.3334,

86.9762.

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

78.3783, 80.3334, 86.9762

Protanopia

77.1233, 80.0820, 87.7365

Deuteranopia

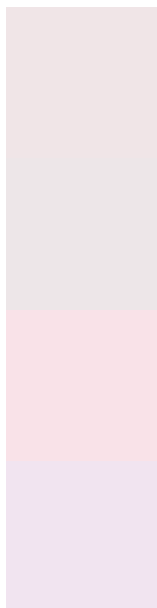
82.0942, 80.2083, 87.4989



Tritanopia

80.5685, 80.4080, 97.6601

Trichromacy



Original Color

78.3783, 80.3334, 86.9762

Protanomaly

77.7874, 80.4243, 87.7675

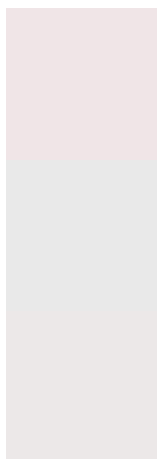
Deuteranomaly

80.8288, 80.3586, 87.5946

Tritanomaly

79.7472, 80.4788, 93.7689

Monochromacy



Original Color

78.3783, 80.3334, 86.9762

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.0142, 81.3723, 87.9386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3783, 80.3334, 86.9762 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(240, 229, 231) looks like.

```
.text, #text, p{  
    color:rgb(240, 229, 231)  
}
```

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(240, 229, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 229, 231) }
```

Border

The CSS property to change the border of an element to XYZ 78.3783, 80.3334, 86.9762 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(240, 229, 231) }
```


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

```
.border{ border-color:rgb(240, 229, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 229, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 229, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 229, 231);  
box-shadow:4px 4px 4px 4px rgb(240, 229,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3783, 80.3334, 86.9762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 229, 231) }
```

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

```
.background{ background-color: rgb(240,  
229, 231) }
```

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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