

Converting Colors

XYZ(78.6476, 80.0649, 86.8958)

Have a look what the booklet for
XYZ(78.6476, 80.0649, 86.8958)
contains.

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Color

**XYZ(78.7852, 80.1336,
86.9162)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E4E7
RGB	242, 228, 231
RGB Percent	95%, 89%, 91%
CMY	0.0510, 0.1059, 0.0941
CMYK	0.00, 0.06, 0.05, 0.05
HSL	347°, 35%, 92%
HSV	347°, 6%, 95%
XYZ	78.7852, 80.1336, 86.9162
YIQ	232.5280, 7.3810, 3.9010

Conversions

Conversions Part 2

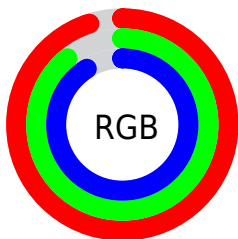
Format	Color
R _Y B	242, 228, 231
Decimal	15918311
CIE Lab	91.74, 5.27, 0.24
CIE LCh	92, 5.272, 2.593
Yxy	80.1336, 0.3205, 0.3260
Android (android.graphics.Color)	4294108391 (0xFF2E4E7)
YUV	232.5280, -0.7533, 8.3069
Hunter-Lab	89.5174, 0.4444, 5.0950

Details

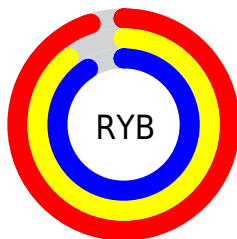
The XYZ color **78.7852, 80.1336, 86.9162** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.3301, 86.2324, 94.1291**, and the grayscale version is **77.1010, 81.1162, 88.3356**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9311, 43.4214, 46.6759** is the 20% darker color. If you saturate the color by 10%, you get **70.0465, 66.7234, 71.4622**, and if you desaturate by 10%, it is **88.7523, 95.5312, 104.2219**.

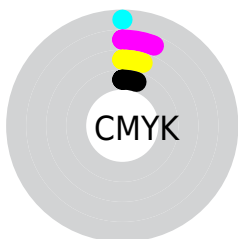
Distribution



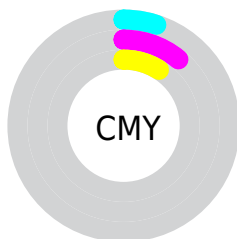
- Red (95%)
- Green (89%)
- Blue (91%)



- Red (95%)
- Yellow (89%)
- Blue (91%)



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





- Cyan (5%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7852, 80.1336, 86.9162 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 78.7852, 80.1336, 86.9162 by changing the saturation by 10% instead.


 78.7852, 80.1336,
86.9162

 78.7852, 80.1336,
86.9162


479.6285,
495.3830, 538.2565

 59.0242, 59.8283,
64.8666


130.6159,
133.5536, 144.9452

 42.8791, 43.2803,
46.9023


163.4164,
167.4370, 181.7616

 29.9844, 30.1051,
32.6046

201.2942,
206.6153, 224.3375

 19.9747, 19.9184,
21.5551

244.6144,
251.4728, 273.0913

 12.4848, 12.3357,
13.3352

293.7427,
302.3939, 328.4416

 7.1493, 6.9727,
7.5263

349.0442,

 3.6028, 3.4451,

359.7630, 390.8068

3.7100

410.8843,
423.9646, 460.6056

■ 1.4800, 1.3683,
1.4676

■ 0.3122, 0.1932,
0.1936

■ 78.7852, 80.1336,
86.9162

■ 78.7852, 80.1336,
86.9162

■ 70.0465, 66.7234,
71.4622

■ 88.7523, 95.5312,
104.2219

■ 62.4815, 55.2095,
57.7929

■ 90.4285, 97.6175,
108.6837

■ 56.0416, 45.5090,
45.8449

■ 50.6721, 37.5292,
35.5489

■ 46.3136, 31.1687,
26.8310

■ 42.9007, 26.3158,
19.6114

■ 40.3602, 22.8442,
13.8031

■ 38.6076, 20.6070,
9.3096

■ 37.5401, 19.4234,
6.0207

Harmonies

Analogous

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



78.4905, 80.1336, 90.7160



78.7852, 80.1336, 86.9162



78.3708, 80.1336, 83.3113

Triad

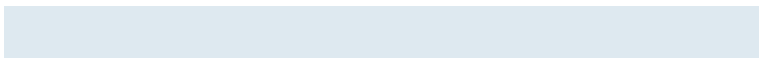
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.7852, 80.1336, 86.9162



74.7759, 80.1336, 81.1418



74.9769, 80.1336, 94.0140

Complementary

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



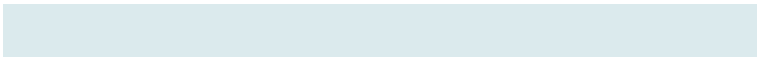
78.7852, 80.1336, 86.9162



79.3301, 86.2324, 94.1291

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.



74.0001, 80.1336, 91.3148



78.7852, 80.1336, 86.9162



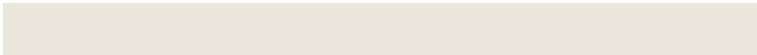
73.8851, 80.1336, 83.8770

Square

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



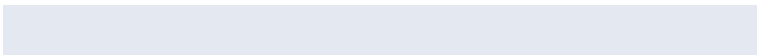
78.7852, 80.1336, 86.9162



76.0473, 80.1336, 80.0395



73.6027, 80.1336, 87.5884



76.2820, 80.1336, 94.8850

Rectangle

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



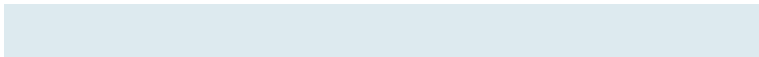
78.7852, 80.1336, 86.9162



77.7511, 80.1336, 81.4832



73.6027, 80.1336, 87.5884



74.5998, 80.1336, 93.2866

Sweetspot

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



78.7875, 80.1371, 86.9179



92.8058, 96.5336, 105.0014



79.3584, 80.2462, 95.3120



19.8878, 20.6985, 22.5155



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.



78.7875, 80.1371, 86.9179



87.4405, 88.2644, 95.6244



79.4714, 82.1763, 85.0760



16.2713, 16.3677, 17.7228



20.0427, 10.2895, 2.8753



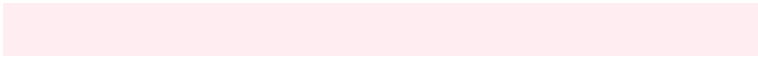
1.7029, 0.8702, 0.4263

Inverse Universe

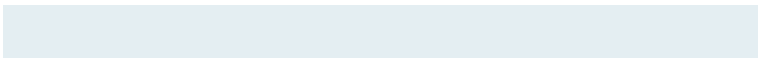
The Inverse Universe completely reimagines the original color for something new.



78.7875, 80.1371, 86.9179



87.4405, 88.2644, 95.6244



78.6090, 84.0759, 96.0907



16.2713, 16.3677, 17.7228



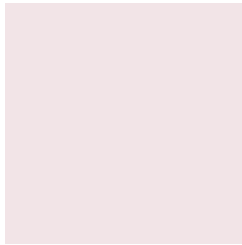
20.0427, 10.2895, 2.8753



1.7029, 0.8702, 0.4263

Previews

White Background



This preview shows how the XYZ color 78.7852, 80.1336, 86.9162 looks on a white background.

Color Contrast Check

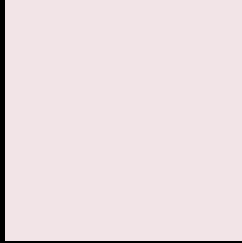
Large Text (above 18pt) WCAG AA × Fail

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 78.7852, 80.1336, 86.9162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

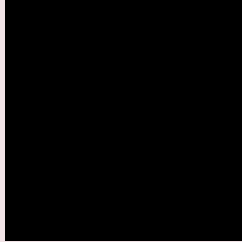
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

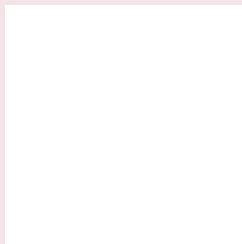
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.7852, 80.1336, 86.9162

Background



This preview shows how black text looks on a background with the XYZ color 78.7852, 80.1336, 86.9162.



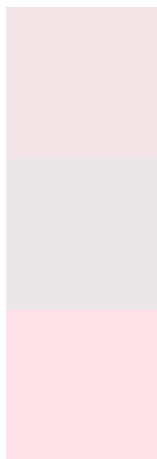
This preview shows how white text looks on a background with the XYZ color 78.7852, 80.1336,

86.9162.

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

78.7852, 80.1336, 86.9162

Protanopia

77.1233, 80.0820, 87.7365

Deuteranopia

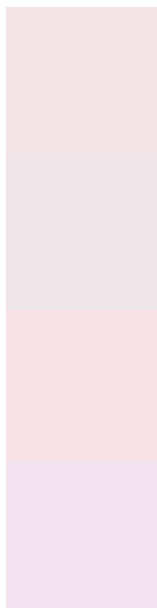
81.7292, 80.0202, 87.4818



Tritanopia

80.8337, 80.1575, 96.7995

Trichromacy



Original Color

78.7852, 80.1336, 86.9162

Protanomaly

77.8447, 80.0420, 87.6907

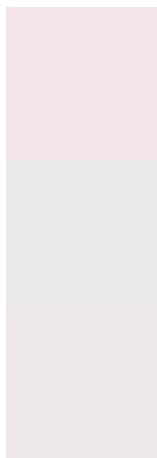
Deuteranomaly

80.5576, 79.8164, 87.5042

Tritanomaly

80.0112, 80.2249, 92.9293

Monochromacy



Original Color

78.7852, 80.1336, 86.9162

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.7335, 80.8109, 87.8450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7852, 80.1336, 86.9162 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(242, 228, 231) looks like.

```
.text, #text, p{  
    color:rgb(242, 228, 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(242, 228, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 228, 231) }
```

Border

The CSS property to change the border of an element to XYZ 78.7852, 80.1336, 86.9162 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(242, 228, 231) }
```


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

```
.border{ border-color:rgb(242, 228, 231) }
```

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

Here you see how a box with a 4 pixel rgb(242, 228, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 228, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 228, 231);  
box-shadow:4px 4px 4px 4px rgb(242, 228,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7852, 80.1336, 86.9162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 228, 231) }
```

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

```
.background{ background-color: rgb(242,  
228, 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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