

Converting Colors

XYZ(74.8434, 80.1686, 86.5640)

Have a look what the booklet for
XYZ(74.8434, 80.1686, 86.5640)
contains.

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Color

**XYZ(74.7859, 80.1597,
86.3937)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E9E6
RGB	226, 233, 230
RGB Percent	89%, 91%, 90%
CMY	0.1137, 0.0863, 0.0980
CMYK	0.03, 0.00, 0.01, 0.09
HSL	154°, 14%, 90%
HSV	154°, 3%, 91%
XYZ	74.7859, 80.1597, 86.3937
YIQ	230.5650, -3.2090, -2.4170

Conversions

Conversions Part 2

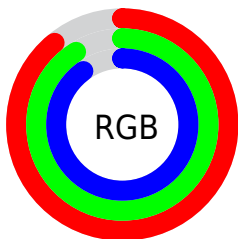
Format	Color
R _Y B	226, 230, 233
Decimal	14871014
CIE Lab	91.76, -2.87, 0.63
CIE LCh	92, 2.938, 167.595
Yxy	80.1597, 0.3099, 0.3321
Android (android.graphics.Color)	4293061094 (0xFFE2E9E6)
YUV	230.5650, -0.2785, -4.0035
Hunter-Lab	89.5319, -7.5801, 5.4606

Details

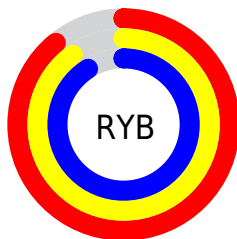
The XYZ color **74.7859, 80.1597, 86.3937** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.9464, 77.3756, 85.1175**, and the grayscale version is **75.6381, 79.5771, 86.6595**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2546, 43.1974, 46.7737** is the 20% darker color. If you saturate the color by 10%, you get **66.6072, 76.1032, 78.8952**, and if you desaturate by 10%, it is **84.0425, 84.7671, 94.3660**.

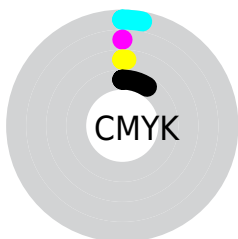
Distribution



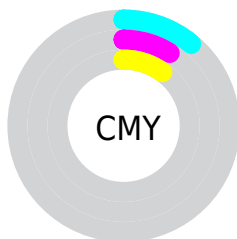
- Red (89%)
- Green (91%)
- Blue (90%)



- Red (89%)
- Yellow (90%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7859, 80.1597, 86.3937 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 74.7859, 80.1597, 86.3937 by changing the saturation by 10% instead.

■ 74.7859, 80.1597,
86.3937

■ 74.7859, 80.1597,
86.3937

466.1899,
495.4709, 536.4929

■ 55.7311, 59.8498,
64.4368

124.9988,
133.5902, 144.2102

■ 40.2235, 43.2976,
46.5561

156.8875,
167.4796, 180.9068

■ 27.8978, 30.1187,
32.3331

193.7850,
206.6643, 223.3538

■ 18.3887, 19.9287,
21.3491

236.0565,
251.5287, 271.9697

■ 11.3308, 12.3432,
13.1857

284.0673,
302.4572, 327.1730

■ 6.3587, 6.9779,
7.4243

338.1830,

■ 3.1071, 3.4483,

359.8341, 389.3823

3.6464

398.7687,
424.0438, 459.0161

■ 1.2107, 1.3700,
1.4334

■ 0.1148, 0.1945,
0.1676

■ 74.7859, 80.1597,
86.3937

■ 74.7859, 80.1597,
86.3937

■ 66.6072, 76.1032,
78.8952

■ 84.0425, 84.7671,
94.3660

■ 59.4584, 72.5663,
71.8562

■ 87.6337, 86.4422,
102.4982

■ 53.2982, 69.5300,
65.2694

■ 88.4304, 86.7608,
106.6935

■ 48.0793, 66.9701,
59.1252

■ 43.7507, 64.8606,
53.4137

■ 40.2564, 63.1727,
48.1244

■ 37.5335, 61.8741,
43.2463

■ 35.5097, 60.9278,
38.7680

■ 34.0977, 60.2890,
34.6765

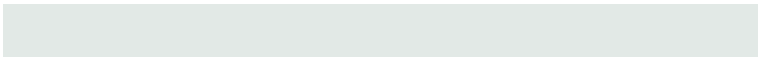
Harmonies

Analogous

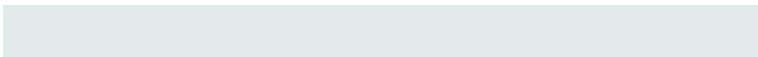
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1267, 80.1597, 84.5173



74.7859, 80.1597, 86.3937



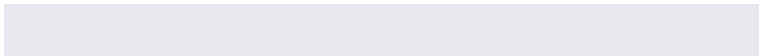
74.8194, 80.1597, 88.5381

Triad

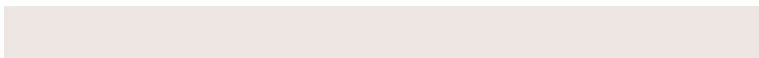
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7859, 80.1597, 86.3937



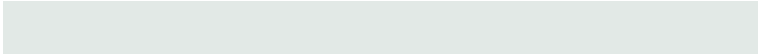
76.6273, 80.1597, 91.2875



77.1687, 80.1597, 84.2581

Complementary

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



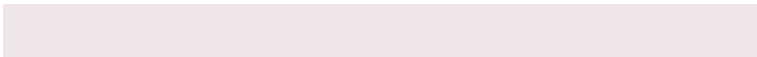
74.7859, 80.1597, 86.3937



74.9464, 77.3756, 85.1175

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.



77.5760, 80.1597, 86.0345



74.7859, 80.1597, 86.3937



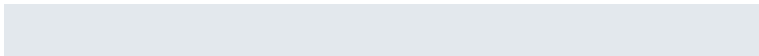
77.2621, 80.1597, 90.1028

Square

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



74.7859, 80.1597, 86.3937



75.8792, 80.1597, 91.3875



77.6103, 80.1597, 88.1729



76.5004, 80.1597, 83.2980

Rectangle

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



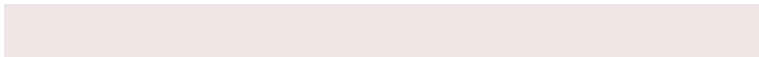
74.7859, 80.1597, 86.3937



75.0494, 80.1597, 89.8311



77.6103, 80.1597, 88.1729



77.3408, 80.1597, 84.7782

Sweetspot

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



74.7882, 80.1631, 86.3955



93.9425, 99.4493, 107.9317



75.1929, 80.4359, 83.5154



20.1192, 21.2921, 23.1121



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.



74.7882, 80.1631, 86.3955



90.7000, 97.8380, 105.0618



75.0817, 80.0693, 88.5925



16.0889, 17.4333, 18.6718



19.0026, 34.0555, 18.5104



1.5402, 2.6934, 1.7065

Inverse Universe

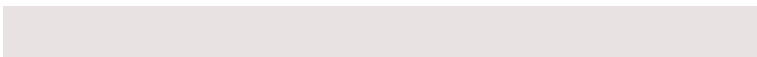
The Inverse Universe completely reimagines the original color for something new.



74.9464, 77.3756, 85.1175



90.9580, 93.2943, 102.9788



74.6577, 77.4636, 82.9699



16.1430, 16.4805, 18.2350



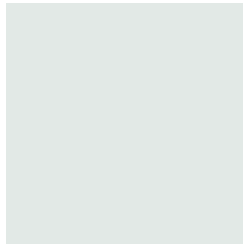
20.4303, 10.3748, 8.0671



1.6516, 0.8336, 0.8827

Previews

White Background



This preview shows how the XYZ color 74.7859, 80.1597, 86.3937 looks on a white background.

Color Contrast Check

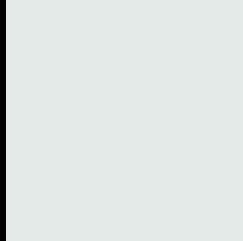
Large Text (above 18pt) WCAG AA × Fail

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 74.7859, 80.1597, 86.3937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

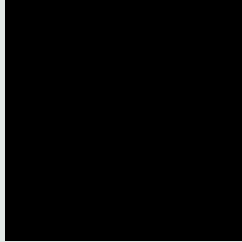
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

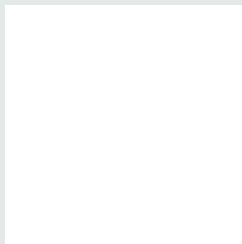
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7859, 80.1597, 86.3937

Background



This preview shows how black text looks on a background with the XYZ color 74.7859, 80.1597, 86.3937.



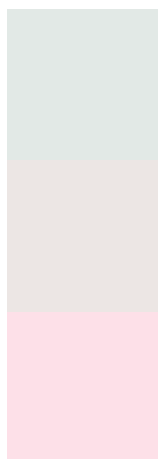
This preview shows how white text looks on a background with the XYZ color 74.7859, 80.1597,

86.3937.

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

74.7859, 80.1597, 86.3937

Protanopia

76.8925, 80.0279, 84.7931

Deuteranopia

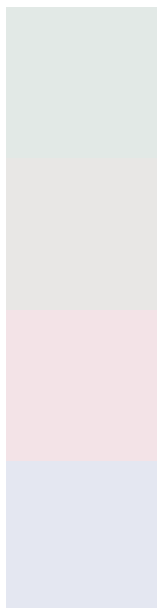
81.7292, 80.0202, 87.4818



Tritanopia

77.5532, 80.0290, 100.1666

Trichromacy



Original Color

74.7859, 80.1597, 86.3937

Protanomaly

75.9975, 79.9648, 85.5580

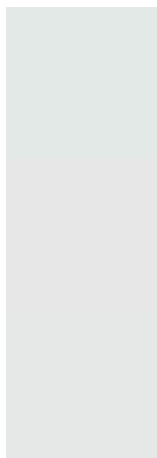
Deuteranomaly

78.8550, 79.7624, 86.8409

Tritanomaly

76.4480, 79.9967, 94.6308

Monochromacy



Original Color

74.7859, 80.1597, 86.3937

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.5935, 80.1408, 87.0858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7859, 80.1597, 86.3937 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(226, 233, 230) looks like.

```
.text, #text, p{  
    color:rgb(226, 233, 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(226, 233, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 233, 230) }
```

Border

The CSS property to change the border of an element to XYZ 74.7859, 80.1597, 86.3937 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(226, 233, 230) }
```


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

```
.border{ border-color:rgb(226, 233, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 233, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 233, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 233, 230);  
box-shadow:4px 4px 4px 4px rgb(226, 233,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7859, 80.1597, 86.3937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 233, 230) }
```

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

```
.background{ background-color: rgb(226,  
233, 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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