

Converting Colors

XYZ(80.7332, 86.5936, 92.4831)

Have a look what the booklet for
XYZ(80.7332, 86.5936, 92.4831)
contains.

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Color

**XYZ(80.6730, 86.5174,
92.5684)**

Conversions

Conversions Part 1

Format	Color
Hex	EAF1ED
RGB	234, 241, 237
RGB Percent	92%, 95%, 93%
CMY	0.0823, 0.0549, 0.0706
CMYK	0.03, 0.00, 0.02, 0.05
HSL	146°, 20%, 93%
HSV	146°, 3%, 95%
XYZ	80.6730, 86.5174, 92.5684
YIQ	238.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

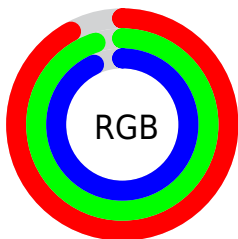
Format	Color
RYB	234, 239, 241
Decimal	15397357
CIELab	94.53, -3.03, 1.11
CIELCh	95, 3.227, 159.907
Yxy	86.5174, 0.3106, 0.3331
Android (android.graphics.Color)	4293587437 (0xFFEAF1ED)
YUV	238.4510, -0.7153, -3.9035
Hunter-Lab	93.0147, -7.9602, 6.1048

Details

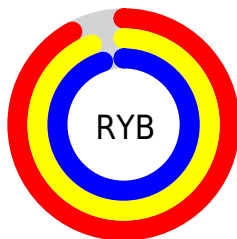
The XYZ color **80.6730, 86.5174, 92.5684** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.1342, 83.7216, 92.7767**, and the grayscale version is **81.6265, 85.8775, 93.5206**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.0495, 47.4991, 50.5626** is the 20% darker color. If you saturate the color by 10%, you get **71.3567, 81.9408, 82.0263**, and if you desaturate by 10%, it is **90.0747, 91.1250, 103.9254**.

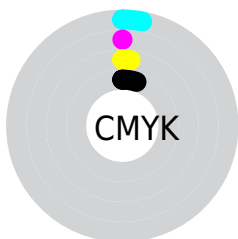
Distribution



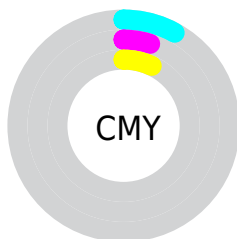
- Red (92%)
- Green (95%)
- Blue (93%)



- Red (92%)
- Yellow (94%)
- Blue (95%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.6730, 86.5174, 92.5684 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 80.6730, 86.5174, 92.5684 by changing the saturation by 10% instead.

80.6730, 86.5174,
92.5684

80.6730, 86.5174,
92.5684

485.9001,
516.6357, 557.1351

60.5827, 65.0959,
69.5272

133.2571,
142.4913, 152.8675

44.1397, 47.5388,
50.6667

166.4816,
177.8125, 190.9624

30.9788, 33.4618,
35.5686

204.8148,
218.5357, 234.9122

20.7344, 22.4805,
23.8141

248.6222,
265.0453, 285.1356

13.0414, 14.2104,
14.9849

298.2691,
317.7257, 342.0511

7.5342, 8.2671,
8.6623

354.1207,

3.8477, 4.2664,

376.9613, 406.0771

4.4278

416.5426,
443.1365, 477.6322

■ 1.6163, 1.8236,
1.8628

■ 0.4030, 0.5018,
0.4689

■ 80.6730, 86.5174,
92.5684

■ 80.6730, 86.5174,
92.5684

■ 71.3567, 81.9408,
82.0263

■ 90.0747, 91.1250,
103.9254

■ 63.2224, 77.9537,
72.3271

■ 90.7469, 91.3939,
107.4656

■ 56.2227, 74.5344,
63.4517

■ 50.3045, 71.6561,
55.3782

■ 45.4101, 69.2893,
48.0838

■ 41.4762, 67.4019,
41.5445

■ 38.4320, 65.9580,
35.7348

■ 36.1961, 64.9161,
30.6281

■ 34.6710, 64.2264,
26.1951

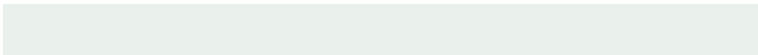
Harmonies

Analogous

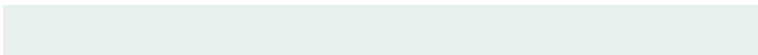
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1649, 86.5174, 90.5796



80.6730, 86.5174, 92.5684



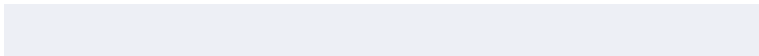
80.5972, 86.5174, 95.0285

Triad

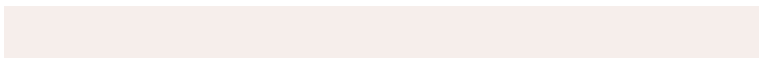
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.6730, 86.5174, 92.5684



82.5200, 86.5174, 98.9956



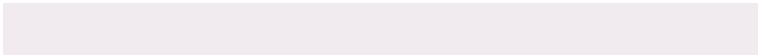
83.5205, 86.5174, 91.1660

Complementary

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



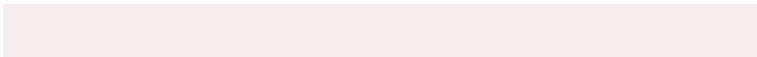
80.6730, 86.5174, 92.5684



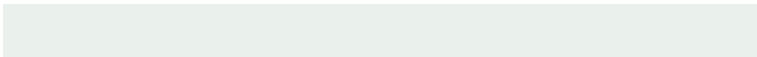
81.1342, 83.7216, 92.7767

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.



83.8891, 86.5174, 93.3818



80.6730, 86.5174, 92.5684



83.3088, 86.5174, 97.9212

Square

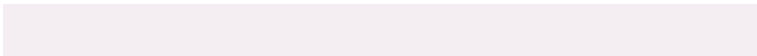
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



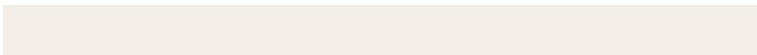
80.6730, 86.5174, 92.5684



81.6595, 86.5174, 98.7685



83.8113, 86.5174, 95.8562



82.8075, 86.5174, 89.7799

Rectangle

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



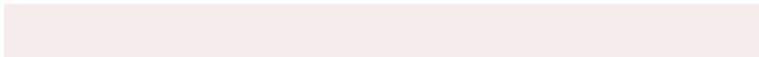
80.6730, 86.5174, 92.5684



80.7923, 86.5174, 96.6088



83.8113, 86.5174, 95.8562



83.6891, 86.5174, 91.8369

Sweetspot

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



80.6754, 86.5211, 92.5703



93.8842, 99.4260, 107.6250



81.5976, 87.0467, 90.3441



20.1074, 21.2873, 23.0497



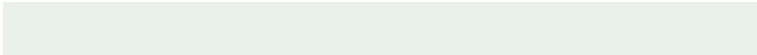
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

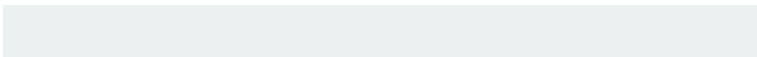
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.6754, 86.5211, 92.5703



91.5951, 98.2994, 105.1048



81.1801, 86.7230, 95.2276



16.9934, 18.3325, 19.5063



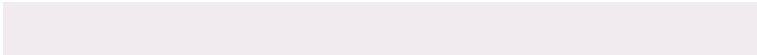
18.4559, 34.6744, 13.0499



1.5842, 2.9041, 1.3429

Inverse Universe

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



81.1342, 83.7216, 92.7767



92.1347, 95.0065, 105.3476



80.6363, 83.5225, 90.1549



17.1200, 17.5598, 19.5632



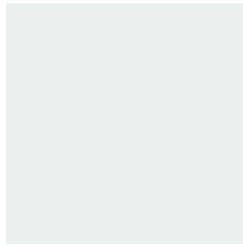
22.2189, 11.1600, 14.3352



1.8981, 0.9483, 1.4544

Previews

White Background



This preview shows how the XYZ color 80.6730, 86.5174, 92.5684 looks on a white background.

Color Contrast Check

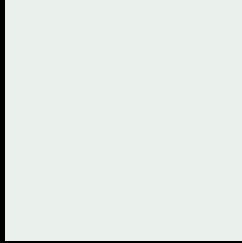
Large Text (above 18pt) WCAG AA × Fail

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 80.6730, 86.5174, 92.5684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

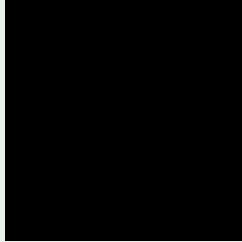
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

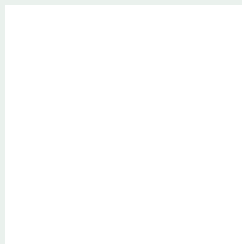
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.6730, 86.5174, 92.5684

Background



This preview shows how black text looks on a background with the XYZ color 80.6730, 86.5174, 92.5684.



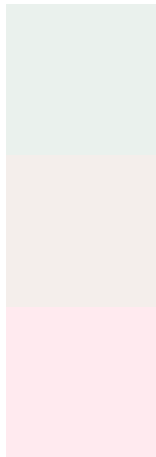
This preview shows how white text looks on a background with the XYZ color 80.6730, 86.5174,

92.5684.

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

80.6730, 86.5174, 92.5684

Protanopia

82.8782, 86.3803, 90.9022

Deuteranopia

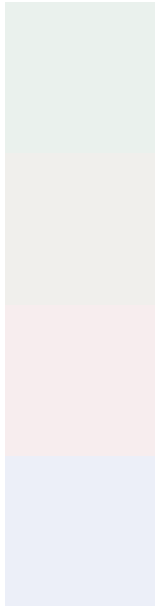
86.2428, 86.3376, 93.7807



Tritanopia

83.5496, 86.3736, 106.8760

Trichromacy



Original Color

80.6730, 86.5174, 92.5684

Protanomaly

81.9420, 86.3144, 91.6984

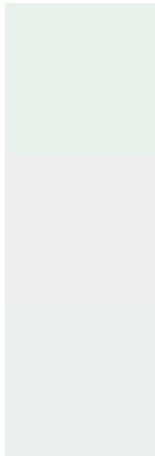
Deuteranomaly

84.0746, 86.5156, 93.1569

Tritanomaly

82.4019, 86.3432, 101.1298

Monochromacy



Original Color

80.6730, 86.5174, 92.5684

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.2242, 85.9106, 93.1903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.6730, 86.5174, 92.5684 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(234, 241, 237) looks like.

```
.text, #text, p{  
    color:rgb(234, 241, 237)  
}
```

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(234, 241, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 241, 237) }
```

Border

The CSS property to change the border of an element to XYZ 80.6730, 86.5174, 92.5684 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(234, 241, 237) }
```


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

```
.border{ border-color:rgb(234, 241, 237) }
```

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

Here you see how a box with a 4 pixel rgb(234, 241, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 241, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 241, 237);  
box-shadow:4px 4px 4px 4px rgb(234, 241,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 80.6730, 86.5174, 92.5684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 241, 237) }
```

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

```
.background{ background-color: rgb(234,  
241, 237) }
```

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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