

Converting Colors

XYZ(74.4108, 80.4973, 82.8018)

Have a look what the booklet for
XYZ(74.4108, 80.4973, 82.8018)
contains.

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Color

**XYZ(74.3775, 80.4506,
82.8426)**

Conversions

Conversions Part 1

Format	Color
Hex	E2EAE1
RGB	226, 234, 225
RGB Percent	89%, 92%, 88%
CMY	0.1137, 0.0823, 0.1176
CMYK	0.03, 0.00, 0.04, 0.08
HSL	113°, 18%, 90%
HSV	113°, 4%, 92%
XYZ	74.3775, 80.4506, 82.8426
YIQ	230.5820, -1.8790, -4.4950

Conversions

Conversions Part 2

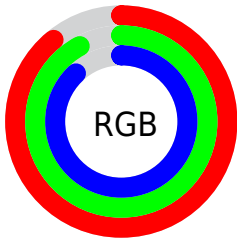
Format	Color
R _Y B	225, 234, 233
Decimal	14871265
CIE Lab	91.89, -4.27, 3.43
CIE LCh	92, 5.478, 141.259
Yxy	80.4506, 0.3129, 0.3385
Android (android.graphics.Color)	4293061345 (0xFFE2EAE1)
YUV	230.5820, -2.7519, -4.0184
Hunter-Lab	89.6943, -8.9467, 8.0251

Details

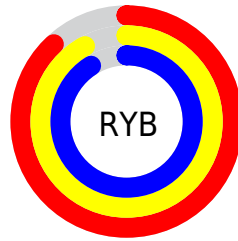
The XYZ color **74.3775, 80.4506, 82.8426** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3838, 77.1167, 88.7578**, and the grayscale version is **75.6678, 79.6084, 86.6935**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9707, 43.4010, 44.3008** is the 20% darker color. If you saturate the color by 10%, you get **65.2699, 76.1017, 66.8789**, and if you desaturate by 10%, it is **84.7186, 85.3894, 101.1512**.

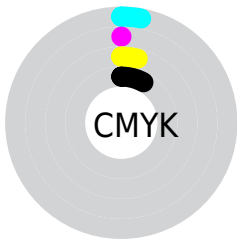
Distribution



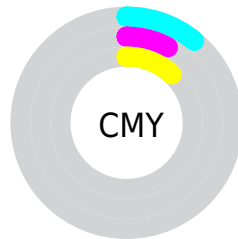
- Red (89%)
- Green (92%)
- Blue (88%)



- Red (88%)
- Yellow (92%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3775, 80.4506, 82.8426 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 74.3775, 80.4506, 82.8426 by changing the saturation by 10% instead.

■ 74.3775, 80.4506,
82.8426

■ 74.3775, 80.4506,
82.8426

464.8054,
496.4501, 524.4191

■ 55.3954, 60.0892,
61.5205

124.4234,
133.9991, 139.2022

■ 39.9535, 43.4906,
44.2120

156.2180,
167.9549, 175.0768

■ 27.6863, 30.2702,
30.4988

193.0141,
207.2111, 216.6393

■ 18.2286, 20.0438,
19.9623

235.1772,
252.1520, 264.3082

■ 11.2149, 12.4269,
12.1838

283.0724,
303.1619, 318.5021

■ 6.2799, 7.0351,
6.7449

337.0654,

■ 3.0583, 3.4841,

360.6253, 379.6395

3.2271

397.5212,
424.9266, 448.1390

■ 1.1847, 1.3894,
1.2117

■ 0.0942, 0.2089,
0.0000

■ 74.3775, 80.4506,
82.8426

■ 74.3775, 80.4506,
82.8426

■ 65.2699, 76.1017,
66.8789

■ 84.7186, 85.3894,
101.1512

■ 57.3432, 72.3107,
53.1603

■ 88.7143, 87.3287,
106.7881

■ 50.5507, 69.0582,
41.5877

■ 44.8405, 66.3196,
32.0526

■ 40.1562, 64.0685,
24.4371

■ 36.4365, 62.2760,
18.6110

■ 33.6133, 60.9103,
14.4281

■ 31.6097, 59.9352,
11.7193

■ 30.3350, 59.3087,
10.2786

Harmonies

Analogous

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



75.4903, 80.4506, 80.5808



74.3775, 80.4506, 82.8426



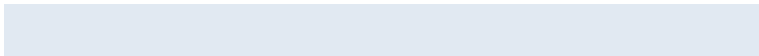
73.8260, 80.4506, 86.4261

Triad

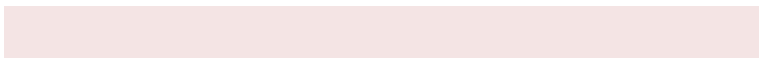
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3775, 80.4506, 82.8426



76.0559, 80.4506, 95.4710



79.0120, 80.4506, 84.8209

Complementary

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



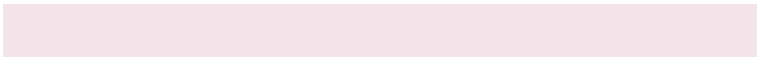
74.3775, 80.4506, 82.8426



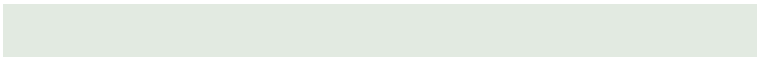
75.3838, 77.1167, 88.7578

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.



79.1680, 80.4506, 88.7784



74.3775, 80.4506, 82.8426



77.4498, 80.4506, 95.0092

Square

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



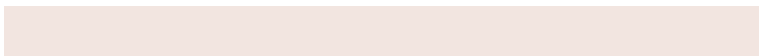
74.3775, 80.4506, 82.8426



74.7872, 80.4506, 93.7730



78.5930, 80.4506, 92.5300



78.1695, 80.4506, 81.6984

Rectangle

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



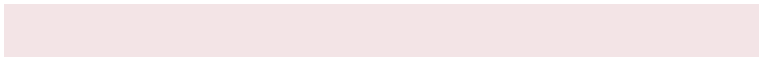
74.3775, 80.4506, 82.8426



73.8461, 80.4506, 89.1167



78.5930, 80.4506, 92.5300



79.1469, 80.4506, 86.0948

Sweetspot

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



74.3798, 80.4541, 82.8444



93.8131, 99.4094, 106.7133



76.6504, 81.1820, 82.8652



20.0929, 21.2839, 22.8641



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.



74.3798, 80.4541, 82.8444



89.0170, 97.1192, 98.2556



74.5428, 80.4832, 85.3350



15.7861, 17.3064, 17.3352



16.8247, 33.2179, 5.5250



1.3728, 2.6350, 0.4363

Inverse Universe

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



75.3838, 77.1167, 88.7578



90.5975, 91.8656, 107.5646



75.2200, 77.0890, 86.1866



16.1044, 16.2485, 19.2097



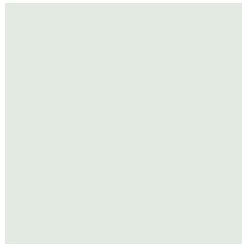
23.0319, 10.9093, 44.6348



1.8556, 0.8809, 3.5071

Previews

White Background



This preview shows how the XYZ color 74.3775, 80.4506, 82.8426 looks on a white background.

Color Contrast Check

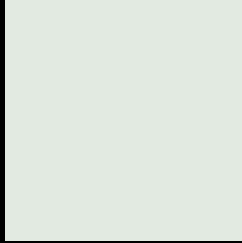
Large Text (above 18pt) WCAG AA × Fail

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 74.3775, 80.4506, 82.8426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

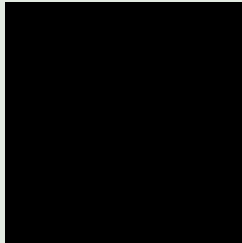
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

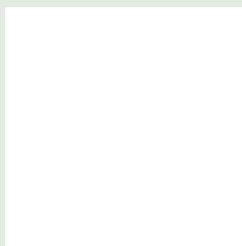
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3775, 80.4506, 82.8426

Background



This preview shows how black text looks on a background with the XYZ color 74.3775, 80.4506, 82.8426.



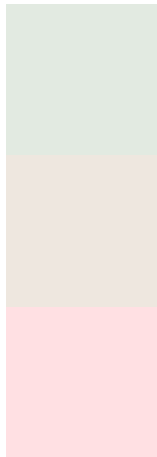
This preview shows how white text looks on a background with the XYZ color 74.3775, 80.4506,

82.8426.

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

74.3775, 80.4506, 82.8426

Protanopia

77.1551, 80.6567, 81.3138

Deuteranopia

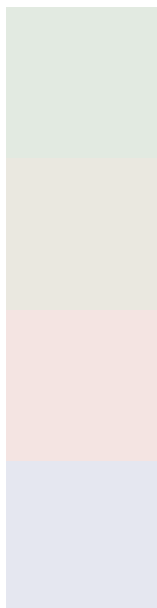
81.7608, 80.1174, 83.8280



Tritanopia

78.0288, 80.2562, 101.0010

Trichromacy



Original Color

74.3775, 80.4506, 82.8426

Protanomaly

76.2428, 80.5875, 82.0575

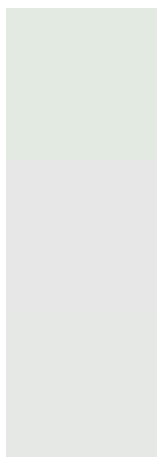
Deuteranomaly

78.7791, 80.2109, 83.2817

Tritanomaly

76.6172, 80.1011, 93.8610

Monochromacy



Original Color

74.3775, 80.4506, 82.8426

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.3126, 80.0284, 85.6064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3775, 80.4506, 82.8426 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, 234, 225) looks like.

```
.text, #text, p{  
    color:rgb(226, 234, 225)  
}
```

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, 234, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 234, 225) }
```

Border

The CSS property to change the border of an element to XYZ 74.3775, 80.4506, 82.8426 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, 234, 225) }
```


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

```
.border{ border-color:rgb(226, 234, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 234, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 234, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 234, 225);  
box-shadow:4px 4px 4px 4px rgb(226, 234,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3775, 80.4506, 82.8426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 234, 225) }
```

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

```
.background{ background-color: rgb(226,  
234, 225) }
```

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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