

Converting Colors

XYZ(74.7964, 80.7044, 82.8565)

Have a look what the booklet for
XYZ(74.7964, 80.7044, 82.8565)
contains.

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Color

**XYZ(74.6920, 80.6128,
82.8573)**

Conversions

Conversions Part 1

Format	Color
Hex	E3EAE1
RGB	227, 234, 225
RGB Percent	89%, 92%, 88%
CMY	0.1098, 0.0823, 0.1176
CMYK	0.03, 0.00, 0.04, 0.08
HSL	107°, 18%, 90%
HSV	107°, 4%, 92%
XYZ	74.6920, 80.6128, 82.8573
YIQ	230.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

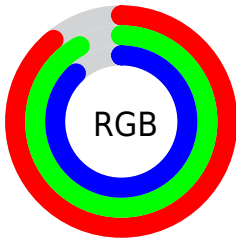
Format	Color
R_{YB}	225, 234, 232
Decimal	14936801
CIE _{Lab}	91.96, -3.94, 3.54
CIE _{LCh}	92, 5.296, 138.017
Yxy	80.6128, 0.3136, 0.3385
Android (android.graphics.Color)	4293126881 (0xFFE3EAE1)
YUV	230.8810, -2.8993, -3.4036
Hunter-Lab	89.7846, -8.6286, 8.1338

Details

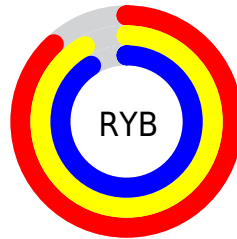
The XYZ color **74.6920, 80.6128, 82.8573** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.0583, 76.9489, 88.7427**, and the grayscale version is **75.8907, 79.8429, 86.9489**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1894, 43.5137, 44.3110** is the 20% darker color. If you saturate the color by 10%, you get **66.2753, 76.6201, 66.9259**, and if you desaturate by 10%, it is **84.1578, 85.1004, 101.1249**.

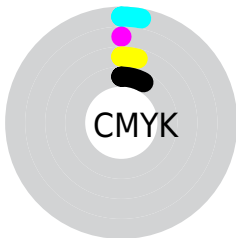
Distribution



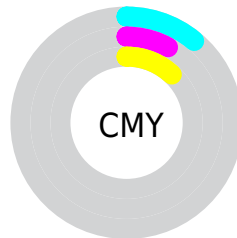
- Red (89%)
- Green (92%)
- Blue (88%)



- 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 74.6920, 80.6128, 82.8573 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 74.6920, 80.6128, 82.8573 by changing the saturation by 10% instead.

■ 74.6920, 80.6128,
82.8573

■ 74.6920, 80.6128,
82.8573

465.8718,
496.9956, 524.4694

■ 55.6539, 60.2228,
61.5325

124.8665,
134.2270, 139.2230

■ 40.1614, 43.5982,
44.2217

156.7336,
168.2199, 175.1010

■ 27.8492, 30.3548,
30.5064

193.6078,
207.5158, 216.6672

■ 18.3519, 20.1080,
19.9680

235.8544,
252.4993, 264.3401

■ 11.3041, 12.4736,
12.1879

283.8387,
303.5546, 318.5382

■ 6.3406, 7.0671,
6.7477

337.9261,

■ 3.0959, 3.5041,

361.0661, 379.6801

3.2288

398.4820,
425.4184, 448.1843

■ 1.2047, 1.4002,
1.2126

■ 0.1100, 0.2169,
0.0000

■ 74.6920, 80.6128,
82.8573

■ 74.6920, 80.6128,
82.8573

■ 66.2753, 76.6201,
66.9259

■ 84.1578, 85.1004,
101.1249

■ 58.8646, 73.0951,
53.2314

■ 88.7144, 87.3288,
106.7881

■ 52.4234, 70.0237,
41.6753

■ 46.9106, 67.3869,
32.1495

■ 42.2821, 65.1645,
24.5366

■ 38.4899, 63.3346,
18.7071

■ 35.4811, 61.8732,
14.5155

■ 33.1966, 60.7534,
11.7936

■ 31.5673, 59.9440,
10.3363

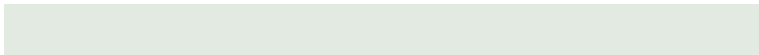
Harmonies

Analogous

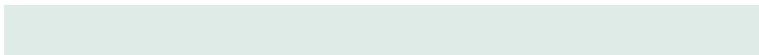
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.8138, 80.6128, 80.8405



74.6920, 80.6128, 82.8573



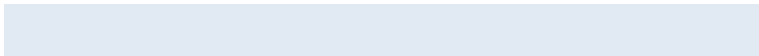
74.0896, 80.6128, 86.2275

Triad

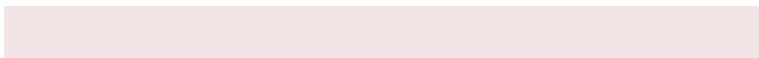
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6920, 80.6128, 82.8573



76.0782, 80.6128, 95.3077



79.1346, 80.6128, 85.4768

Complementary

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



74.6920, 80.6128, 82.8573



75.0583, 76.9489, 88.7427

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.



79.2074, 80.6128, 89.3382



74.6920, 80.6128, 82.8573



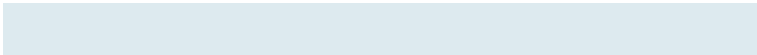
77.4320, 80.6128, 95.0922

Square

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



74.6920, 80.6128, 82.8573



74.8836, 80.6128, 93.4610



78.5810, 80.6128, 92.8807



78.3831, 80.6128, 82.3218

Rectangle

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



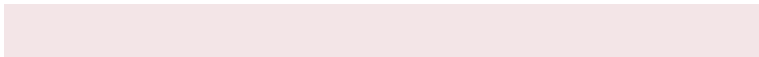
74.6920, 80.6128, 82.8573



74.0589, 80.6128, 88.8226



78.5810, 80.6128, 92.8807



79.2396, 80.6128, 86.7329

Sweetspot

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



74.6943, 80.6163, 82.8591



93.9161, 99.4626, 106.7181



76.3541, 80.5893, 82.7664



20.1139, 21.2947, 22.8651



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.



74.6943, 80.6163, 82.8591



89.5093, 97.3730, 98.2786



74.3971, 80.4249, 84.5672



15.8849, 17.3574, 17.3398



17.4174, 33.5235, 5.5527



1.4485, 2.6740, 0.4398

Inverse Universe

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



75.0583, 76.9489, 88.7427



90.0824, 91.6000, 107.5405



75.3685, 77.1484, 86.9685



16.0003, 16.1949, 19.2049



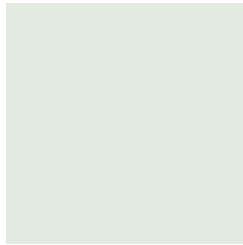
19.3026, 8.9868, 44.4602



1.5962, 0.7472, 3.4950

Previews

White Background



This preview shows how the XYZ color 74.6920, 80.6128, 82.8573 looks on a white background.

Color Contrast Check

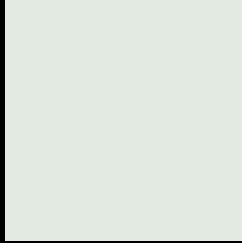
Large Text (above 18pt) WCAG AA × Fail

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 74.6920, 80.6128, 82.8573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

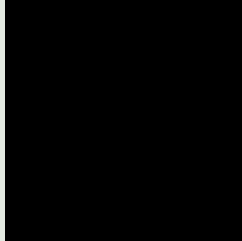
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

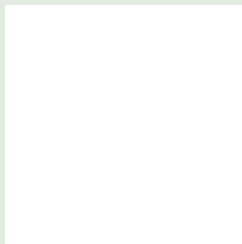
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6920, 80.6128, 82.8573

Background



This preview shows how black text looks on a background with the XYZ color 74.6920, 80.6128, 82.8573.

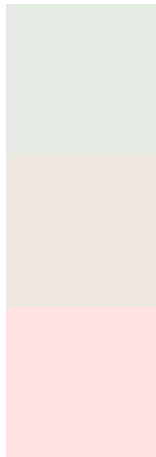


This preview shows how white text looks on a background with the XYZ color 74.6920, 80.6128,

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

74.6920, 80.6128, 82.8573

Protanopia

77.1551, 80.6567, 81.3138

Deuteranopia

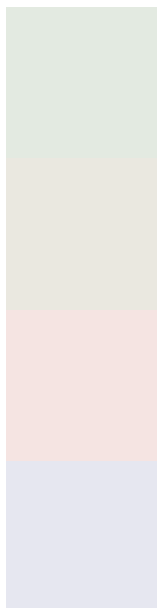
81.7608, 80.1174, 83.8280



Tritanopia

78.3507, 80.4221, 101.0160

Trichromacy



Original Color

74.6920, 80.6128, 82.8573

Protanomaly

76.2428, 80.5875, 82.0575

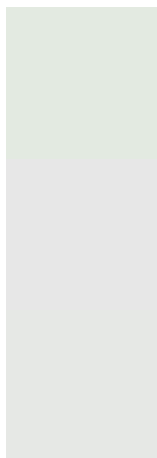
Deuteranomaly

79.1271, 80.3903, 83.2979

Tritanomaly

76.9372, 80.2661, 93.8760

Monochromacy



Original Color

74.6920, 80.6128, 82.8573

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.6326, 80.1934, 85.6213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6920, 80.6128, 82.8573 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(227, 234, 225) looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 234, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 234, 225) }
```

Border

The CSS property to change the border of an element to XYZ 74.6920, 80.6128, 82.8573 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(227, 234, 225) }
```


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

```
.border{ border-color:rgb(227, 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(227, 234, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 234, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 234, 225);  
box-shadow:4px 4px 4px 4px rgb(227, 234,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6920, 80.6128, 82.8573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 234, 225) }
```

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

```
.background{ background-color: rgb(227,  
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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