

Converting Colors

XYZ(74.0125, 80.5576, 82.4076)

Have a look what the booklet for
XYZ(74.0125, 80.5576, 82.4076)
contains.

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Color

**XYZ(74.2142, 80.8060,
82.2066)**

Conversions

Conversions Part 1

Format	Color
Hex	E1EBE0
RGB	225, 235, 224
RGB Percent	88%, 92%, 88%
CMY	0.1176, 0.0784, 0.1216
CMYK	0.04, 0.00, 0.05, 0.08
HSL	115°, 22%, 90%
HSV	115°, 5%, 92%
XYZ	74.2142, 80.8060, 82.2066
YIQ	230.7560, -2.4290, -5.5410

Conversions

Conversions Part 2

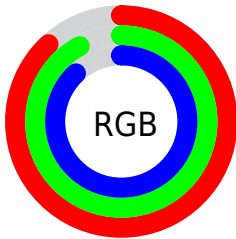
Format	Color
RYB	224, 235, 234
Decimal	14805984
CIELab	92.05, -5.29, 4.17
CIELCh	92, 6.739, 141.772
Yxy	80.8060, 0.3128, 0.3406
Android (android.graphics.Color)	4292996064 (0xFFE1EBE0)
YUV	230.7560, -3.3307, -5.0480
Hunter-Lab	89.8922, -9.9432, 8.7037

Details

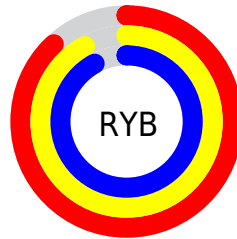
The XYZ color **74.2142, 80.8060, 82.2066** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.5858, 76.8041, 89.4422**, and the grayscale version is **75.8014, 79.7490, 86.8467**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8591, 43.6508, 43.8608** is the 20% darker color. If you saturate the color by 10%, you get **64.9961, 76.3994, 66.2721**, and if you desaturate by 10%, it is **84.7108, 85.8254, 100.5038**.

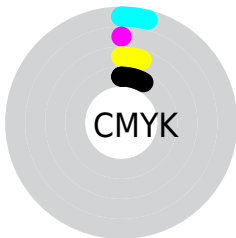
Distribution



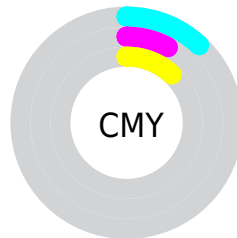
- Red (88%)
- Green (92%)
- Blue (88%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2142, 80.8060, 82.2066 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 74.2142, 80.8060, 82.2066 by changing the saturation by 10% instead.

74.2142, 80.8060,
82.2066

74.2142, 80.8060,
82.2066

464.2512,
497.6450, 522.2401

55.2613, 60.3818,
60.9990

124.1933,
134.4983, 138.3030

39.8456, 43.7265,
43.7938

155.9501,
168.5353, 174.0289

27.6019, 30.4555,
30.1725

192.7057,
207.8786, 215.4313

18.1647, 20.1846,
19.7164

234.8253,
252.9128, 262.9287

11.1687, 12.5293,
12.0070

282.6743,
304.0221, 316.9398

6.2485, 7.1052,
6.6259

336.6180,

3.0389, 3.5280,

361.5909, 377.8830

3.1544

397.0219,
426.0038, 446.1769

■ 1.1744, 1.4132,
1.1740

■ 0.0860, 0.2264,
0.0000

■ 74.2142, 80.8060,
82.2066

■ 74.2142, 80.8060,
82.2066

■ 64.9961, 76.3994,
66.2721

■ 84.7108, 85.8254,
100.5038

■ 57.0012, 72.5722,
52.5988

■ 88.9999, 87.8998,
106.8833

■ 50.1800, 69.3035,
41.0861

■ 44.4770, 66.5671,
31.6235

■ 39.8325, 64.3346,
24.0905

■ 36.1807, 62.5752,
18.3546

■ 33.4488, 61.2546,
14.2661

■ 31.5539, 60.3336,
11.6513

■ 30.3974, 59.7662,
10.2979

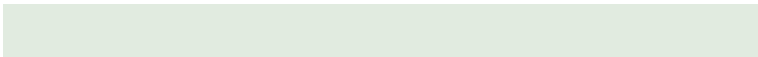
Harmonies

Analogous

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



75.5736, 80.8060, 79.4110



74.2142, 80.8060, 82.2066



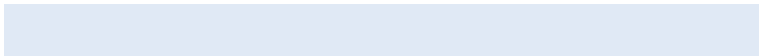
73.5509, 80.8060, 86.6245

Triad

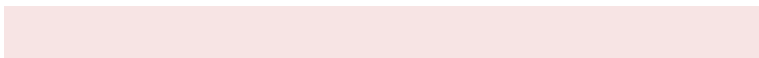
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2142, 80.8060, 82.2066



76.3275, 80.8060, 97.7768



79.9418, 80.8060, 84.4896

Complementary

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



74.2142, 80.8060, 82.2066



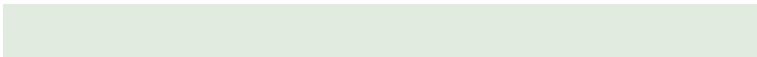
75.5858, 76.8041, 89.4422

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.



80.1510, 80.8060, 89.3576



74.2142, 80.8060, 82.2066



78.0470, 80.8060, 97.1528

Square

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



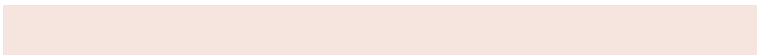
74.2142, 80.8060, 82.2066



74.7590, 80.8060, 95.7002



79.4527, 80.8060, 94.0259



78.8853, 80.8060, 80.6941

Rectangle

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



74.2142, 80.8060, 82.2066



73.5857, 80.8060, 89.9465



79.4527, 80.8060, 94.0259



80.1141, 80.8060, 86.0503

Sweetspot

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



74.2165, 80.8095, 82.2084



93.7943, 99.3998, 106.7124



77.1133, 81.8366, 82.2539



20.0891, 21.2820, 22.8639



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.



74.2165, 80.8095, 82.2084



87.7500, 96.5101, 96.2080



74.5105, 80.8912, 85.3790



15.5713, 17.2031, 16.9930



16.7555, 33.1823, 5.5217



1.3592, 2.6280, 0.4356

Inverse Universe

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



75.5858, 76.8041, 89.4422



89.8522, 90.3610, 107.3134



75.2868, 76.7225, 86.1492



15.9830, 15.9988, 19.1679



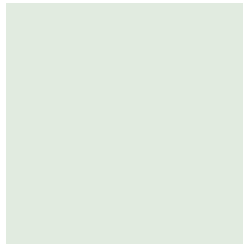
23.7795, 11.2947, 44.6697



1.9068, 0.9073, 3.5095

Previews

White Background



This preview shows how the XYZ color 74.2142, 80.8060, 82.2066 looks on a white background.

Color Contrast Check

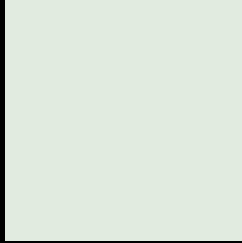
Large Text (above 18pt) WCAG AA × Fail

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 74.2142, 80.8060, 82.2066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

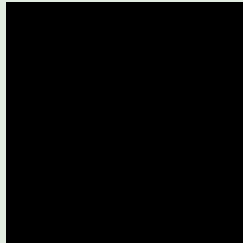
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

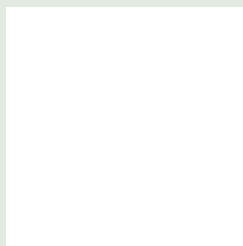
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2142, 80.8060, 82.2066

Background



This preview shows how black text looks on a background with the XYZ color 74.2142, 80.8060, 82.2066.

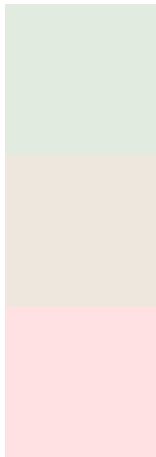


This preview shows how white text looks on a background with the XYZ color 74.2142, 80.8060,

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

74.2142, 80.8060, 82.2066

Protanopia

77.0206, 80.6029, 80.6057

Deuteranopia

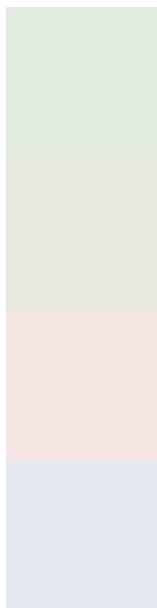
82.0303, 80.6565, 83.9178



Tritanopia

77.9879, 80.6494, 101.0790

Trichromacy



Original Color

74.2142, 80.8060, 82.2066

Protanomaly

75.7802, 80.3646, 81.3299

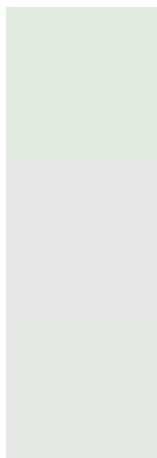
Deuteranomaly

79.0550, 80.7627, 83.3736

Tritanomaly

76.5797, 80.4985, 93.9397

Monochromacy



Original Color

74.2142, 80.8060, 82.2066

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.1733, 79.9727, 84.8730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2142, 80.8060, 82.2066 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(225, 235, 224) looks like.

```
.text, #text, p{  
    color:rgb(225, 235, 224)  
}
```

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(225, 235, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 235, 224) }
```

Border

The CSS property to change the border of an element to XYZ 74.2142, 80.8060, 82.2066 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(225, 235, 224) }
```


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

```
.border{ border-color:rgb(225, 235, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 235, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 235, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 235, 224);  
box-shadow:4px 4px 4px 4px rgb(225, 235,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2142, 80.8060, 82.2066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 235, 224) }
```

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

```
.background{ background-color: rgb(225,  
235, 224) }
```

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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