

Converting Colors

XYZ(73.8530, 81.0215, 82.1112)

Have a look what the booklet for
XYZ(73.8530, 81.0215, 82.1112)
contains.

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Color

**XYZ(73.8814, 81.0607,
82.2733)**

Conversions

Conversions Part 1

Format	Color
Hex	DFECE0
RGB	223, 236, 224
RGB Percent	87%, 93%, 88%
CMY	0.1255, 0.0745, 0.1216
CMYK	0.06, 0.00, 0.05, 0.07
HSL	125°, 26%, 90%
HSV	125°, 6%, 93%
XYZ	73.8814, 81.0607, 82.2733
YIQ	230.7450, -3.8960, -6.4880

Conversions

Conversions Part 2

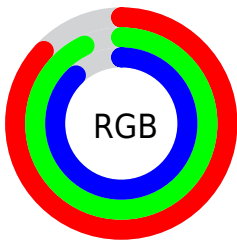
Format	Color
R _Y B	223, 235, 236
Decimal	14675168
CIE Lab	92.16, -6.47, 4.32
CIE LCh	92, 7.779, 146.299
Yxy	81.0607, 0.3115, 0.3417
Android (android.graphics.Color)	4292865248 (0xFFDFECE0)
YUV	230.7450, -3.3253, -6.7924
Hunter-Lab	90.0337, -11.0824, 8.8441

Details

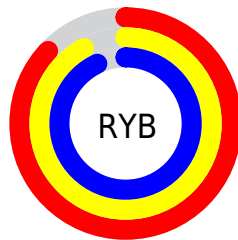
The XYZ color **73.8814, 81.0607, 82.2733** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.9781, 76.6084, 89.3836**, and the grayscale version is **75.7940, 79.7412, 86.8382**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6311, 43.8319, 43.9077** is the 20% darker color. If you saturate the color by 10%, you get **64.3431, 76.4656, 67.3797**, and if you desaturate by 10%, it is **84.8164, 86.3367, 99.2117**.

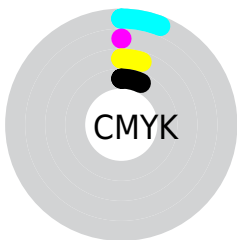
Distribution



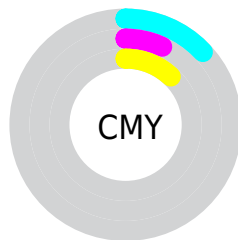
- Red (87%)
- Green (93%)
- Blue (88%)



- Red (87%)
- Yellow (92%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8814, 81.0607, 82.2733 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 73.8814, 81.0607, 82.2733 by changing the saturation by 10% instead.

73.8814, 81.0607,
82.2733

73.8814, 81.0607,
82.2733

463.1206,
498.5003, 522.4688

54.9879, 60.5916,
61.0537

123.7241,
134.8560, 138.3973

39.6258, 43.8957,
43.8377

155.4040,
168.9510, 174.1388

27.4299, 30.5885,
30.2067

192.0767,
208.3567, 215.5580

18.0346, 20.2857,
19.7421

234.1077,
253.4576, 263.0735

11.0747, 12.6029,
12.0255

281.8622,
304.6380, 317.1038

6.1847, 7.1557,
6.6383

335.7056,

2.9995, 3.5596,

362.2823, 378.0674

3.1620

396.0033,
426.7749, 446.3829

■ 1.1535, 1.4304,
1.1779

■ 0.0692, 0.2390,
0.0000

■ 73.8814, 81.0607,
82.2733

■ 73.8814, 81.0607,
82.2733

■ 64.3431, 76.4656,
67.3797

■ 84.8164, 86.3367,
99.2117

■ 56.1386, 72.5138,
54.4485

■ 89.2870, 88.4741,
106.9790

■ 49.2107, 69.1797,
43.3995

■ 43.4949, 66.4320,
34.1449

■ 38.9214, 64.2368,
26.5901

■ 35.4133, 62.5565,
20.6317

■ 32.8838, 61.3490,
16.1550

■ 31.2329, 60.5654,
13.0302

■ 30.3386, 60.1460,
11.1049

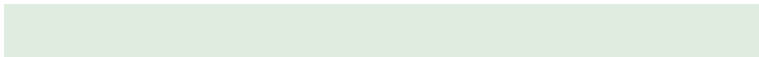
Harmonies

Analogous

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



75.3495, 81.0607, 78.7246



73.8814, 81.0607, 82.2733



73.2607, 81.0607, 87.5503

Triad

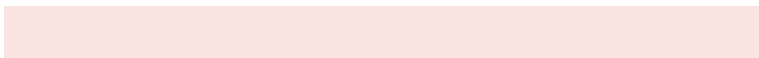
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8814, 81.0607, 82.2733



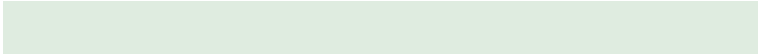
76.7971, 81.0607, 99.7493



80.5554, 81.0607, 83.4573

Complementary

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



73.8814, 81.0607, 82.2733



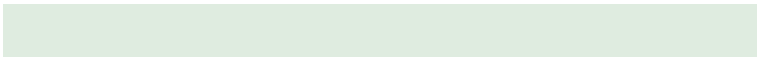
75.9781, 76.6084, 89.3836

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.



80.9590, 81.0607, 88.9762



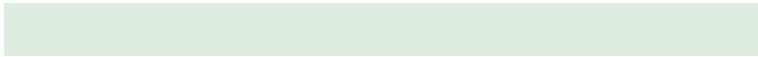
73.8814, 81.0607, 82.2733



78.7672, 81.0607, 98.5387

Square

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



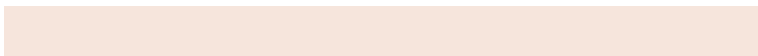
73.8814, 81.0607, 82.2733



74.9255, 81.0607, 97.7734



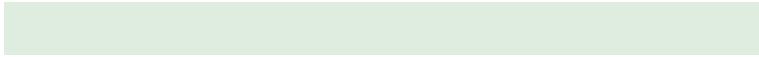
80.2992, 81.0607, 94.5331



79.2056, 81.0607, 79.3871

Rectangle

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



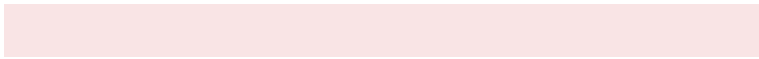
73.8814, 81.0607, 82.2733



73.4029, 81.0607, 91.3978



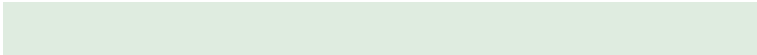
80.2992, 81.0607, 94.5331



80.8072, 81.0607, 85.1974

Sweetspot

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



73.8837, 81.0642, 82.2751



92.4497, 98.7460, 104.8702



77.6232, 83.0076, 81.7439



19.8153, 21.1488, 22.4888



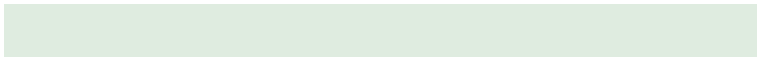
0.0000, 0.0000, 0.0000



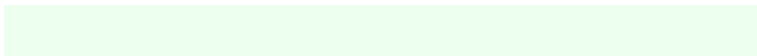
20.3446, 21.4041, 23.3091

Same Dimension

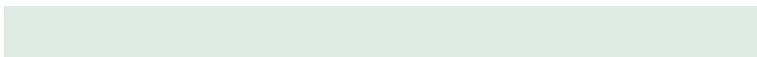
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8837, 81.0642, 82.2751



86.2448, 95.7542, 95.2292



74.7639, 81.4163, 86.9103



15.3113, 17.0718, 16.8542



16.6128, 33.0996, 5.9261



1.3209, 2.6057, 0.5516

Inverse Universe

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



75.9781, 76.6084, 89.3836



89.3973, 89.0472, 105.9291



75.0741, 76.2468, 84.6232



15.9163, 15.7846, 18.9077



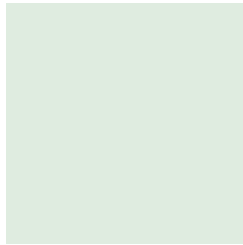
26.0543, 12.6244, 37.6826



2.0608, 0.9973, 3.0375

Previews

White Background



This preview shows how the XYZ color 73.8814, 81.0607, 82.2733 looks on a white background.

Color Contrast Check

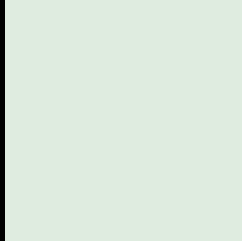
Large Text (above 18pt) WCAG AA × Fail

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 73.8814, 81.0607, 82.2733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

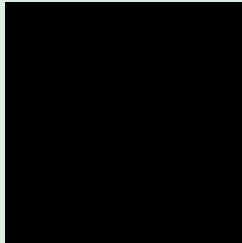
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

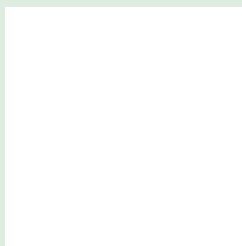
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8814, 81.0607, 82.2733

Background



This preview shows how black text looks on a background with the XYZ color 73.8814, 81.0607, 82.2733.

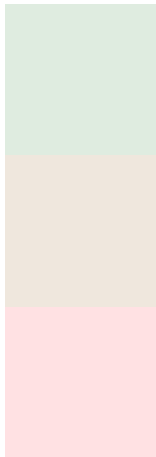


This preview shows how white text looks on a background with the XYZ color 73.8814, 81.0607,

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

73.8814, 81.0607, 82.2733

Protanopia

77.2237, 80.7230, 79.9176

Deuteranopia

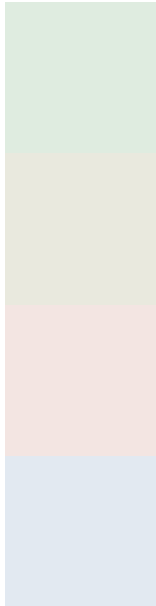
82.0303, 80.6565, 83.9178



Tritanopia

77.7905, 80.9462, 101.9667

Trichromacy



Original Color

73.8814, 81.0607, 82.2733

Protanomaly

75.9280, 80.8754, 80.7159

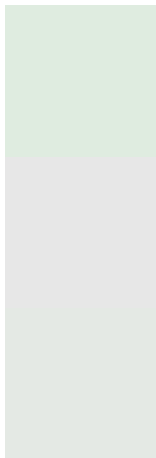
Deuteranomaly

78.7089, 80.5843, 83.3574

Tritanomaly

76.3801, 80.7975, 94.7889

Monochromacy



Original Color

73.8814, 81.0607, 82.2733

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.1374, 80.3732, 84.9522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8814, 81.0607, 82.2733 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(223, 236, 224) looks like.

```
.text, #text, p{  
    color:rgb(223, 236, 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(223, 236, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 236, 224) }
```

Border

The CSS property to change the border of an element to XYZ 73.8814, 81.0607, 82.2733 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(223, 236, 224) }
```


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

```
.border{ border-color:rgb(223, 236, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 236, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 236, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 236, 224);  
box-shadow:4px 4px 4px 4px rgb(223, 236,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8814, 81.0607, 82.2733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 236, 224) }
```

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

```
.background{ background-color: rgb(223,  
236, 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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