

Converting Colors

XYZ(74.0004, 80.4612, 85.0894)

Have a look what the booklet for
XYZ(74.0004, 80.4612, 85.0894)
contains.

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Color

**XYZ(74.1433, 80.7061,
85.0688)**

Conversions

Conversions Part 1

Format	Color
Hex	DFEBE4
RGB	223, 235, 228
RGB Percent	87%, 92%, 89%
CMY	0.1255, 0.0784, 0.1059
CMYK	0.05, 0.00, 0.03, 0.08
HSL	145°, 23%, 90%
HSV	145°, 5%, 92%
XYZ	74.1433, 80.7061, 85.0688
YIQ	230.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

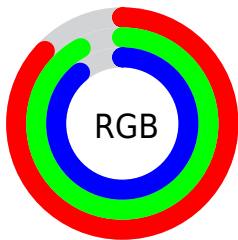
Format	Color
RYB	223, 231, 235
Decimal	14674916
CIELab	92.00, -5.25, 2.00
CIELCh	92, 5.618, 159.104
Yxy	80.7061, 0.3090, 0.3364
Android (android.graphics.Color)	4292864996 (0xFFDFEBE4)
YUV	230.6140, -1.2887, -6.6775
Hunter-Lab	89.8366, -9.8956, 6.7422

Details

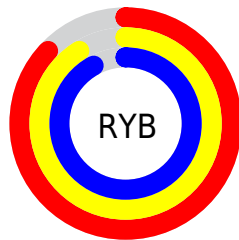
The XYZ color **74.1433, 80.7061, 85.0688** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.9345, 76.1527, 85.6163**, and the grayscale version is **75.6826, 79.6240, 86.7105**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8114, 43.5822, 45.8491** is the 20% darker color. If you saturate the color by 10%, you get **65.5709, 76.5004, 75.1228**, and if you desaturate by 10%, it is **83.8762, 85.4971, 95.8606**.

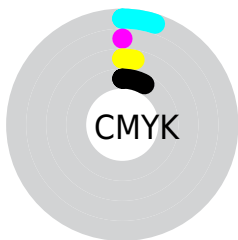
Distribution



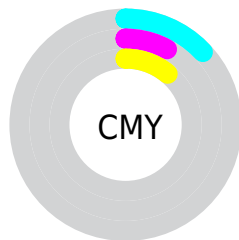
- Red (87%)
- Green (92%)
- Blue (89%)



- Red (87%)
- Yellow (91%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (13%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1433, 80.7061, 85.0688 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 74.1433, 80.7061, 85.0688 by changing the saturation by 10% instead.

■ 74.1433, 80.7061,
85.0688

■ 74.1433, 80.7061,
85.0688

464.0105,
497.3093, 532.0062

■ 55.2030, 60.2996,
63.3478

124.0933,
134.3580, 142.3443

■ 39.7988, 43.6601,
45.6798

155.8338,
168.3722, 178.7359

■ 27.5652, 30.4034,
31.6464

192.5717,
207.6911, 220.8546

■ 18.1369, 20.1450,
20.8290

234.6725,
252.6990, 269.1192

■ 11.1486, 12.5005,
12.8090

282.5013,
303.7804, 323.9481

■ 6.2349, 7.0855,
7.1680

336.4237,

■ 3.0305, 3.5156,

361.3196, 385.7599

3.4873

396.8050,
425.7011, 454.9731

■ 1.1699, 1.4065,
1.3485

■ 0.0824, 0.2215,
0.1011

■ 74.1433, 80.7061,
85.0688

■ 74.1433, 80.7061,
85.0688

■ 65.5709, 76.5004,
75.1228

■ 83.8762, 85.4971,
95.8606

■ 58.1075, 72.8472,
65.9970

■ 88.9999, 87.8998,
106.8833

■ 51.7079, 69.7257,
57.6721

■ 46.3209, 67.1100,
50.1262

■ 41.8909, 64.9720,
43.3361

■ 38.3569, 63.2806,
37.2778

■ 35.6502, 62.0009,
31.9256

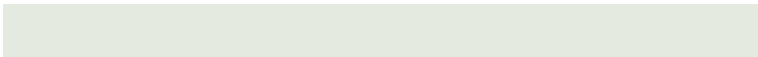
■ 33.6914, 61.0925,
27.2523

■ 32.3837, 60.5061,
23.2284

Harmonies

Analogous

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



74.9703, 80.7061, 81.8465



74.1433, 80.7061, 85.0688



73.9990, 80.7061, 89.1398

Triad

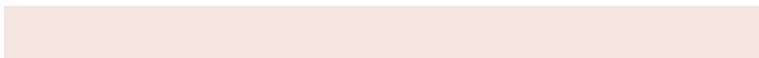
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.1433, 80.7061, 85.0688



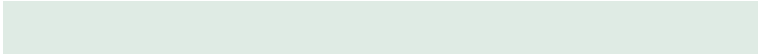
77.1490, 80.7061, 95.9651



78.8841, 80.7061, 82.9534

Complementary

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



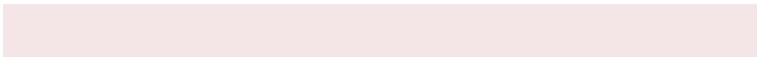
74.1433, 80.7061, 85.0688



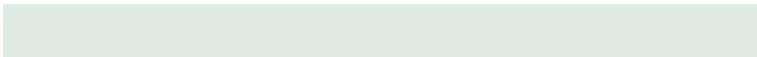
74.9345, 76.1527, 85.6163

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.



79.4838, 80.7061, 86.6227



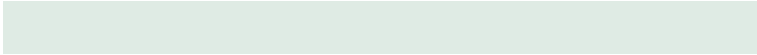
74.1433, 80.7061, 85.0688



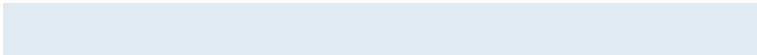
78.4738, 80.7061, 94.1930

Square

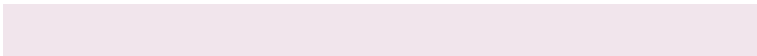
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1433, 80.7061, 85.0688



75.7224, 80.7061, 95.5173



79.3327, 80.7061, 90.7427



77.7035, 80.7061, 80.6520

Rectangle

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



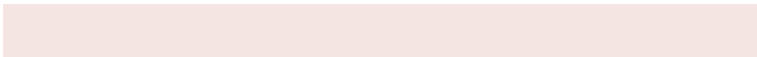
74.1433, 80.7061, 85.0688



74.3077, 80.7061, 91.8010



79.3327, 80.7061, 90.7427



79.1610, 80.7061, 84.0630

Sweetspot

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



74.1456, 80.7095, 85.0706



92.7231, 98.8553, 106.3097



75.7280, 81.6044, 81.5729



19.8709, 21.1711, 22.7819



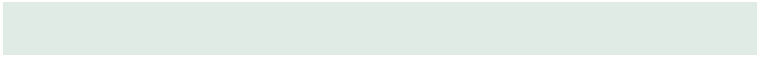
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

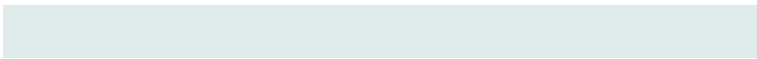
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1456, 80.7095, 85.0706



88.2392, 96.6511, 101.2524



74.9650, 81.0373, 89.3859



15.6670, 17.2307, 17.9784



17.8183, 33.5818, 12.2741



1.4461, 2.6558, 1.2110

Inverse Universe

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



74.9345, 76.1527, 85.6163



89.3526, 90.2200, 102.0225



74.1328, 75.8320, 81.3944



15.8851, 15.9712, 18.1292



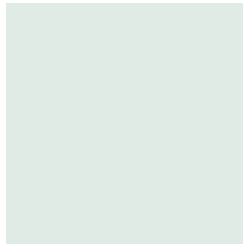
21.6504, 10.8628, 14.4920



1.7478, 0.8721, 1.3895

Previews

White Background



This preview shows how the XYZ color 74.1433, 80.7061, 85.0688 looks on a white background.

Color Contrast Check

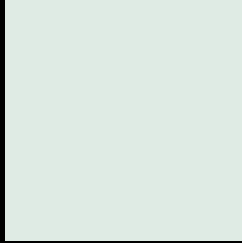
Large Text (above 18pt) WCAG AA × Fail

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 74.1433, 80.7061, 85.0688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

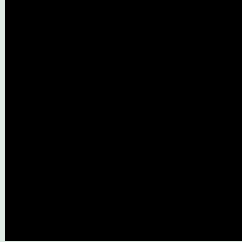
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

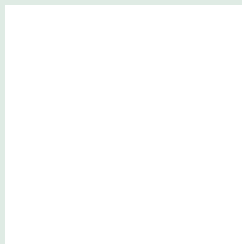
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1433, 80.7061, 85.0688

Background



This preview shows how black text looks on a background with the XYZ color 74.1433, 80.7061, 85.0688.



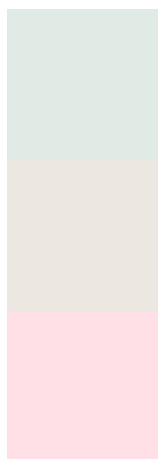
This preview shows how white text looks on a background with the XYZ color 74.1433, 80.7061,

85.0688.

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

74.1433, 80.7061, 85.0688

Protanopia

77.2284, 80.6473, 83.4476

Deuteranopia

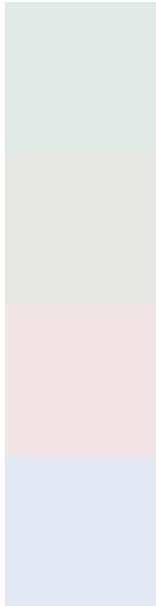
82.1786, 80.2845, 86.0281



Tritanopia

77.7905, 80.9462, 101.9667

Trichromacy



Original Color

74.1433, 80.7061, 85.0688

Protanomaly

76.0005, 80.4151, 84.1891

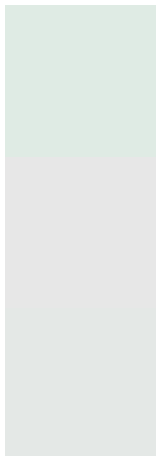
Deuteranomaly

78.8484, 80.1986, 85.4529

Tritanomaly

76.5300, 80.8574, 95.5779

Monochromacy



Original Color

74.1433, 80.7061, 85.0688

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.1344, 79.9204, 86.3291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1433, 80.7061, 85.0688 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, 235, 228)` looks like.

```
.text, #text, p{  
    color:rgb(223, 235, 228)  
}
```

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, 235, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 235, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.1433, 80.7061, 85.0688 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, 235, 228) }
```


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

```
.border{ border-color:rgb(223, 235, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 235, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 235, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 235, 228);  
box-shadow:4px 4px 4px 4px rgb(223, 235,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1433, 80.7061, 85.0688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 235, 228) }
```

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

```
.background{ background-color: rgb(223,  
235, 228) }
```

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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