

Converting Colors

XYZ(73.2688, 80.1013, 81.3699)

Have a look what the booklet for
XYZ(73.2688, 80.1013, 81.3699)
contains.

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Color

**XYZ(73.1735, 79.8613,
81.3702)**

Conversions

Conversions Part 1

Format	Color
Hex	DFEADF
RGB	223, 234, 223
RGB Percent	87%, 92%, 87%
CMY	0.1255, 0.0823, 0.1255
CMYK	0.05, 0.00, 0.05, 0.08
HSL	120°, 21%, 90%
HSV	120°, 5%, 92%
XYZ	73.1735, 79.8613, 81.3702
YIQ	229.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

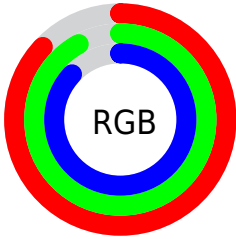
Format	Color
R _Y B	223, 234, 234
Decimal	14674655
CIE Lab	91.62, -5.63, 4.06
CIE LCh	92, 6.945, 144.216
Yxy	79.8613, 0.3122, 0.3407
Android (android.graphics.Color)	4292864735 (0xFFDFEADF)
YUV	229.4570, -3.1833, -5.6628
Hunter-Lab	89.3651, -10.2306, 8.5699

Details

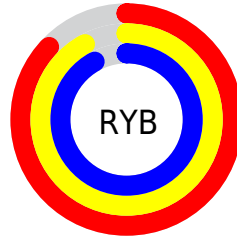
The XYZ color **73.1735, 79.8613, 81.3702** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.1735, 76.2102, 88.5937**, and the grayscale version is **74.8390, 78.7364, 85.7440**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1367, 42.9928, 43.2815** is the 20% darker color. If you saturate the color by 10%, you get **63.5162, 75.2247, 65.5722**, and if you desaturate by 10%, it is **84.2678, 85.1928, 99.5147**.

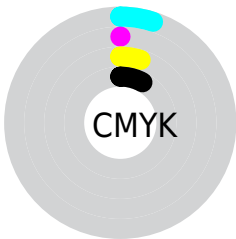
Distribution



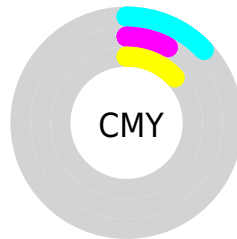
- Red (87%)
- Green (92%)
- Blue (87%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1735, 79.8613, 81.3702 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 73.1735, 79.8613, 81.3702 by changing the saturation by 10% instead.

73.1735, 79.8613,
81.3702

73.1735, 79.8613,
81.3702

460.7104,
494.4653, 519.3666

54.4067, 59.6042,
60.3138

122.7253,
133.1707, 137.1192

39.1589, 43.0997,
43.2446

154.2410,
166.9918, 172.6488

27.0646, 29.9634,
29.7443

190.7371,
206.1031, 213.8400

17.7586, 19.8108,
19.3942

232.5789,
250.8889, 261.1111

10.8755, 12.2576,
11.7758

280.1318,
301.7336, 314.8808

6.0498, 6.9193,
6.4705

333.7611,

2.9163, 3.4117,

359.0217, 375.5676

3.0598

393.8322,
423.1374, 443.5900

■ 1.1097, 1.3503,
1.1253

■ 0.0332, 0.1796,
0.0000

■ 73.1735, 79.8613,
81.3702

■ 73.1735, 79.8613,
81.3702

■ 63.5162, 75.2247,
65.5722

■ 84.2678, 85.1928,
99.5147

■ 55.2307, 71.2448,
52.0200

■ 88.7144, 87.3287,
106.7881

■ 48.2569, 67.8949,
40.6132

■ 42.5277, 65.1429,
31.2420

■ 37.9697, 62.9535,
23.7866

■ 34.5023, 61.2879,
18.1149

■ 32.0344, 60.1025,
14.0780

■ 30.4603, 59.3463,
11.5030

■ 29.6504, 58.9573,
10.1781

Harmonies

Analogous

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



74.5159, 79.8613, 78.3511



73.1735, 79.8613, 81.3702



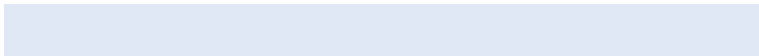
72.5641, 79.8613, 85.9752

Triad

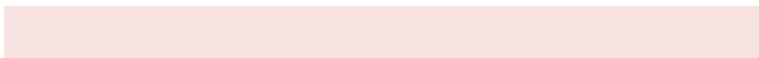
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.1735, 79.8613, 81.3702



75.5627, 79.8613, 97.0359



79.0577, 79.8613, 83.0115

Complementary

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



73.1735, 79.8613, 81.3702



75.1735, 76.2102, 88.5937

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.



79.3485, 79.8613, 87.9430



73.1735, 79.8613, 81.3702



77.3128, 79.8613, 96.1675

Square

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



73.1735, 79.8613, 81.3702



73.9297, 79.8613, 95.1191



78.7052, 79.8613, 92.7905



77.9168, 79.8613, 79.2726

Rectangle

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



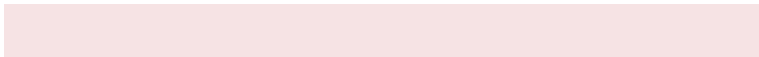
73.1735, 79.8613, 81.3702



72.6486, 79.8613, 89.3754



78.7052, 79.8613, 92.7905



79.2588, 79.8613, 84.5795

Sweetspot

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



73.1757, 79.8647, 81.3719



93.7102, 99.3564, 106.7085



76.6773, 81.6698, 81.5355



20.0720, 21.2731, 22.8631



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.



73.1757, 79.8647, 81.3719



87.2771, 96.2663, 96.1863



73.9298, 80.1664, 85.3429



15.4791, 17.1555, 16.9887



16.5341, 33.0681, 5.5115



1.2983, 2.5966, 0.4328

Inverse Universe

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



75.1735, 76.2102, 88.5937



90.3618, 90.6236, 107.3368



74.3951, 75.8989, 84.4946



16.0832, 16.0504, 19.1725



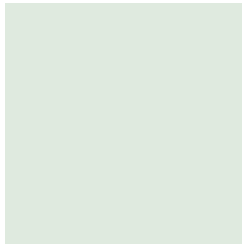
27.4128, 13.1678, 44.8364



2.1526, 1.0340, 3.5208

Previews

White Background



This preview shows how the XYZ color 73.1735, 79.8613, 81.3702 looks on a white background.

Color Contrast Check

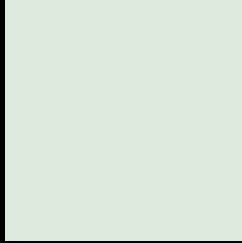
Large Text (above 18pt) WCAG AA × Fail

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 73.1735, 79.8613, 81.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

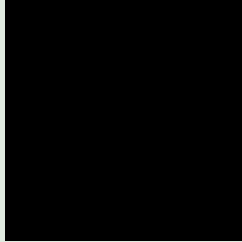
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

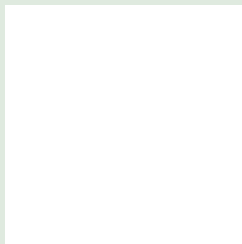
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1735, 79.8613, 81.3702

Background



This preview shows how black text looks on a background with the XYZ color 73.1735, 79.8613, 81.3702.

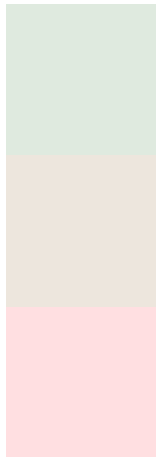


This preview shows how white text looks on a background with the XYZ color 73.1735, 79.8613,

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

73.1735, 79.8613, 81.3702

Protanopia

76.2730, 79.8186, 79.7931

Deuteranopia

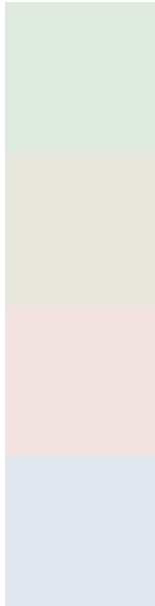
81.2183, 79.4716, 82.2930



Tritanopia

76.9186, 79.7018, 100.1369

Trichromacy



Original Color

73.1735, 79.8613, 81.3702

Protanomaly

75.0394, 79.5816, 80.5130

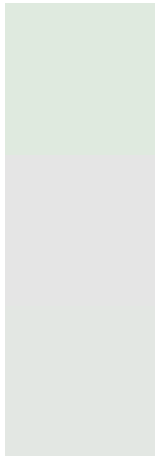
Deuteranomaly

77.8858, 79.3747, 81.7368

Tritanomaly

75.5199, 79.5526, 93.0362

Monochromacy



Original Color

73.1735, 79.8613, 81.3702

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.1196, 79.0288, 84.0206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1735, 79.8613, 81.3702 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, 234, 223) looks like.

```
.text, #text, p{  
    color:rgb(223, 234, 223)  
}
```

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, 234, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 234, 223) }
```

Border

The CSS property to change the border of an element to XYZ 73.1735, 79.8613, 81.3702 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, 234, 223) }
```


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

```
.border{ border-color:rgb(223, 234, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 234, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 234, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 234, 223);  
box-shadow:4px 4px 4px 4px rgb(223, 234,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1735, 79.8613, 81.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 234, 223) }
```

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

```
.background{ background-color: rgb(223,  
234, 223) }
```

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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