

Converting Colors

XYZ(73.9385, 81.2623, 73.8281)

Have a look what the booklet for
XYZ(73.9385, 81.2623, 73.8281)
contains.

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Color

**XYZ(73.8740, 81.2384,
74.0743)**

Conversions

Conversions Part 1

Format	Color
Hex	E4ECD4
RGB	228, 236, 212
RGB Percent	89%, 93%, 83%
CMY	0.1059, 0.0745, 0.1686
CMYK	0.03, 0.00, 0.10, 0.07
HSL	80°, 39%, 88%
HSV	80°, 10%, 93%
XYZ	73.8740, 81.2384, 74.0743
YIQ	230.8720, 2.9360, -9.1600

Conversions

Conversions Part 2

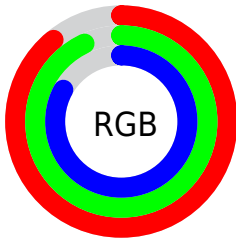
Format	Color
R _Y B	212, 236, 220
Decimal	15002836
CIE Lab	92.24, -6.83, 10.72
CIE LCh	92, 12.707, 122.502
Yxy	81.2384, 0.3223, 0.3545
Android (android.graphics.Color)	4293192916 (0xFFE4ECD4)
YUV	230.8720, -9.3039, -2.5187
Hunter-Lab	90.1323, -11.4300, 14.3658

Details

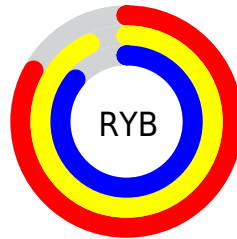
The XYZ color **73.8740, 81.2384, 74.0743** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **68.2023, 68.3610, 88.9616**, and the grayscale version is **75.9279, 79.8820, 86.9915**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6406, 43.9611, 38.2943** is the 20% darker color. If you saturate the color by 10%, you get **68.6723, 78.8784, 59.4096**, and if you desaturate by 10%, it is **79.6290, 83.8381, 91.0397**.

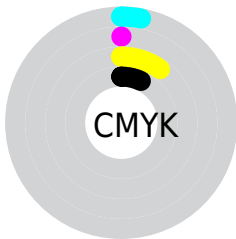
Distribution



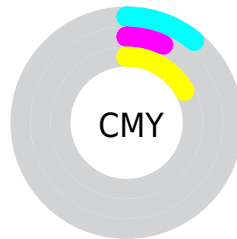
- Red (89%)
- Green (93%)
- Blue (83%)



- Red (83%)
- Yellow (93%)
- Blue (86%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (11%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8740, 81.2384, 74.0743 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 73.8740, 81.2384, 74.0743 by changing the saturation by 10% instead.

73.8740, 81.2384,
74.0743

73.8740, 81.2384,
74.0743

463.0954,
499.0966, 493.9000

54.9818, 60.7380,
54.3577

123.7136,
135.1055, 126.7361

39.6210, 44.0137,
38.4926

155.3918,
169.2409, 160.5185

27.4260, 30.6813,
26.0604

192.0627,
208.6901, 199.8264

18.0317, 20.3563,
16.6427

234.0917,
253.8374, 245.0786

11.0726, 12.6543,
9.8208

281.8441,
305.0674, 296.6935

6.1833, 7.1909,
5.1763

335.6853,

2.9986, 3.5818,

362.7643, 355.0897

2.2905

395.9806,
427.3126, 420.6857

■ 1.1530, 1.4425,
0.7259

■ 0.0688, 0.2477,
0.0000

■ 73.8740, 81.2384,
74.0743

■ 73.8740, 81.2384,
74.0743

■ 68.6723, 78.8784,
59.4096

■ 79.6290, 83.8381,
91.0397

■ 63.9970, 76.7394,
46.9414

■ 85.2657, 86.4011,
106.7908

■ 59.8287, 74.8159,
36.5650

■ 88.0515, 87.8373,
106.9212

■ 56.1438, 73.0983,
28.1653

■ 89.2871, 88.4742,
106.9790

■ 52.9169, 71.5764,
21.6160

■ 50.1196, 70.2386,
16.7763

■ 47.7196, 69.0717,
13.4851

■ 45.6789, 68.0604,
11.5504

■ 43.9610, 67.1929,
10.6525

Harmonies

Analogous

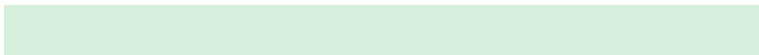
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.9396, 81.2384, 71.6033



73.8740, 81.2384, 74.0743



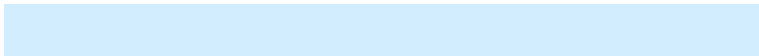
71.7524, 81.2384, 80.3715

Triad

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



73.8740, 81.2384, 74.0743



74.3381, 81.2384, 105.4698



83.6908, 81.2384, 87.6685

Complementary

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



73.8740, 81.2384, 74.0743



68.2023, 68.3610, 88.9616

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.



82.9473, 81.2384, 97.0627



73.8740, 81.2384, 74.0743



77.4904, 81.2384, 107.7623

Square

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



73.8740, 81.2384, 74.0743



72.0150, 81.2384, 98.5231



80.6545, 81.2384, 104.5855



82.6588, 81.2384, 79.0969

Rectangle

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



73.8740, 81.2384, 74.0743



71.1269, 81.2384, 86.1177



80.6545, 81.2384, 104.5855



83.6403, 81.2384, 90.8338

Sweetspot

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



73.8762, 81.2419, 74.0761



92.9102, 99.0364, 102.4982



72.0719, 73.7754, 72.7300



19.7664, 21.1437, 21.5819



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.



73.8762, 81.2419, 74.0761



86.8538, 96.2993, 84.8157



70.2006, 79.3471, 73.9040



15.8356, 17.3608, 16.0351



24.3736, 37.1095, 5.8782



2.0152, 2.9662, 0.4663

Inverse Universe

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



68.2023, 68.3610, 88.9616



78.9438, 78.3415, 105.5684



71.9654, 70.3010, 89.1377



14.7045, 14.7929, 19.0026



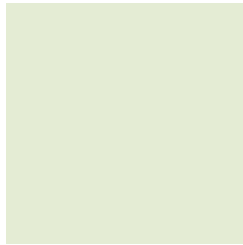
10.2319, 4.3107, 44.0357



0.9021, 0.3894, 3.4625

Previews

White Background



This preview shows how the XYZ color 73.8740, 81.2384, 74.0743 looks on a white background.

Color Contrast Check

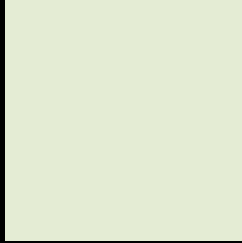
Large Text (above 18pt) WCAG AA × Fail

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 73.8740, 81.2384, 74.0743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

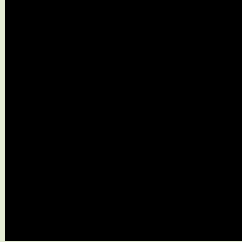
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

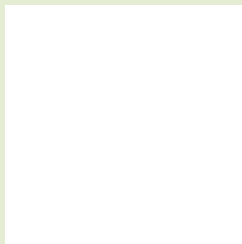
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8740, 81.2384, 74.0743

Background



This preview shows how black text looks on a background with the XYZ color 73.8740, 81.2384, 74.0743.

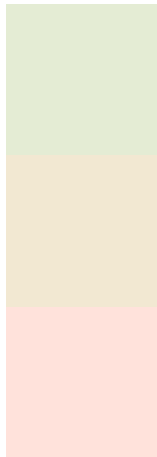


This preview shows how white text looks on a background with the XYZ color 73.8740, 81.2384,

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

73.8740, 81.2384, 74.0743

Protanopia

77.1074, 81.2436, 72.5904

Deuteranopia

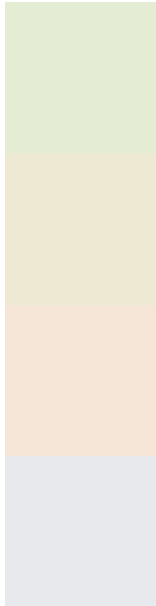
81.2225, 80.7672, 78.3266



Tritanopia

79.2791, 81.3150, 101.1394

Trichromacy



Original Color

73.8740, 81.2384, 74.0743

Protanomaly

75.8218, 80.9855, 73.2635

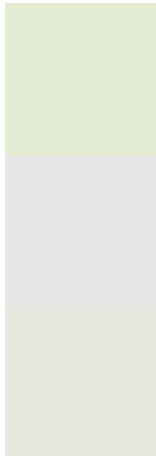
Deuteranomaly

78.3477, 80.9640, 76.4640

Tritanomaly

77.2342, 81.3229, 90.9831

Monochromacy



Original Color

73.8740, 81.2384, 74.0743

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.2266, 80.4826, 82.0908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8740, 81.2384, 74.0743 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(228, 236, 212) looks like.

```
.text, #text, p{  
    color:rgb(228, 236, 212)  
}
```

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(228, 236, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 236, 212) }
```

Border

The CSS property to change the border of an element to XYZ 73.8740, 81.2384, 74.0743 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(228, 236, 212) }
```


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

```
.border{ border-color:rgb(228, 236, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 236, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 236, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 236, 212);  
box-shadow:4px 4px 4px 4px rgb(228, 236,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8740, 81.2384, 74.0743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 236, 212) }
```

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

```
.background{ background-color: rgb(228,  
236, 212) }
```

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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