

Converting Colors

XYZ(73.6613, 81.6298, 81.3827)

Have a look what the booklet for
XYZ(73.6613, 81.6298, 81.3827)
contains.

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Color

**XYZ(73.7126, 81.8489,
81.7254)**

Conversions

Conversions Part 1	
Format	Color
Hex	DDEEDF
RGB	221, 238, 223
RGB Percent	87%, 93%, 87%
CMY	0.1333, 0.0666, 0.1255
CMYK	0.07, 0.00, 0.06, 0.07
HSL	127°, 33%, 90%
HSV	127°, 7%, 93%
XYZ	73.7126, 81.8489, 81.7254
YIQ	231.2070, -5.3170, -8.2690

Conversions

Conversions Part 2

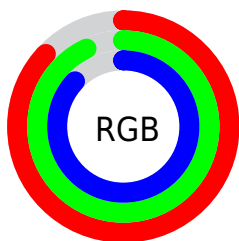
Format	Color
RYB	221, 236, 238
Decimal	14544607
CIELab	92.51, -8.33, 5.32
CIELCh	93, 9.885, 147.411
Yxy	81.8489, 0.3106, 0.3449
Android (android.graphics.Color)	4292734687 (0xFFDDEEDF)
YUV	231.2070, -4.0461, -8.9515
Hunter-Lab	90.4704, -12.8866, 9.7703

Details

The XYZ color **73.7126, 81.8489, 81.7254** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.2596, 75.9482, 90.0009**, and the grayscale version is **76.1437, 80.1091, 87.2388**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5217, 44.3900, 43.5309** is the 20% darker color. If you saturate the color by 10%, you get **64.3155, 77.3140, 67.4110**, and if you desaturate by 10%, it is **84.4928, 87.0609, 97.9412**.

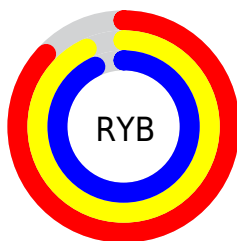
Distribution



Red (87%)

Green (93%)

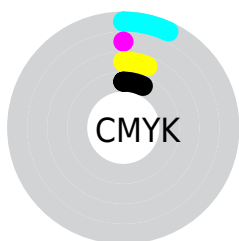
Blue (87%)



Red (87%)

Yellow (93%)

Blue (93%)

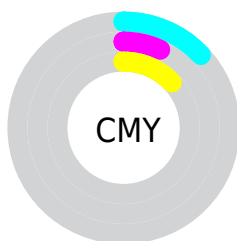


Cyan (7%)

Magenta (0%)

Yellow (6%)

Black (7%)



Cyan (13%)


Magenta (7%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7126, 81.8489, 81.7254 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 73.7126, 81.8489, 81.7254 by changing the saturation by 10% instead.

 73.7126, 81.8489,
81.7254

 73.7126, 81.8489,
81.7254


462.5465,
501.1421, 520.5880

 54.8493, 61.2410,
60.6047

123.4860,
135.9621, 137.6221

 39.5144, 44.4197,
43.4778


155.1268,
170.2362, 173.2352

 27.3427, 31.0006,
29.9260


191.7575,
209.8344, 214.5161

 17.9687, 20.5993,
19.5308

233.7434,
255.1412, 261.8835

 11.0271, 12.8314,
11.8738

281.4499,
306.5410, 315.7558

 6.1525, 7.3126,
6.5363


335.2424,


 2.9795, 3.6583,


364.4182, 376.5517


3.0998


395.4861,
429.1571, 444.6896


 1.1430, 1.4843,
1.1458


 0.0606, 0.2777,
0.0000


 73.7126, 81.8489,
81.7254


 73.7126, 81.8489,
81.7254


 64.3155, 77.3140,
67.4110

 84.4928, 87.0609,
97.9412

 56.2389, 73.4184,
54.9233

 89.8661, 89.6322,
107.1720

 49.4254, 70.1364,
44.1902

 43.8108, 67.4366,
35.1331

■ 39.3254, 65.2849,
27.6675

■ 35.8918, 63.6433,
21.7013

■ 33.4232, 62.4693,
17.1330

■ 31.8186, 61.7131,
13.8487

■ 30.9498, 61.3115,
11.7161

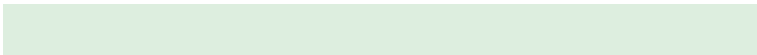
Harmonies

Analogous

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



75.5462, 81.8489, 77.1582



73.7126, 81.8489, 81.7254



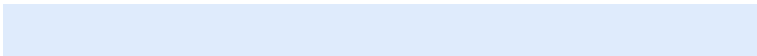
72.9708, 81.8489, 88.4829

Triad

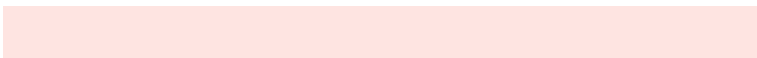
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7126, 81.8489, 81.7254



77.5723, 81.8489, 103.9894



82.2563, 81.8489, 82.7732

Complementary

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



73.7126, 81.8489, 81.7254



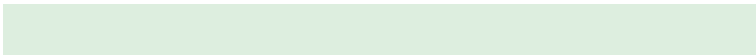
76.2596, 75.9482, 90.0009

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.



82.8271, 81.8489, 89.7592



73.7126, 81.8489, 81.7254



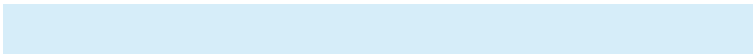
80.0878, 81.8489, 102.2573

Square

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



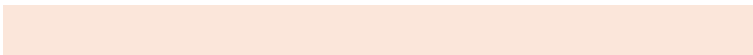
73.7126, 81.8489, 81.7254



75.1683, 81.8489, 101.5594



82.0253, 81.8489, 96.9467



80.4820, 81.8489, 77.7394

Rectangle

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



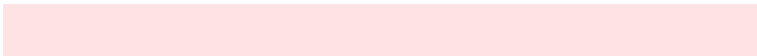
73.7126, 81.8489, 81.7254



73.1827, 81.8489, 93.4136



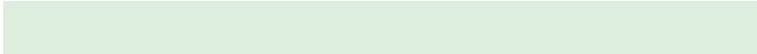
82.0253, 81.8489, 96.9467



82.5970, 81.8489, 84.9592

Sweetspot

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



73.7149, 81.8524, 81.7272



92.4824, 98.7591, 105.0421



78.2267, 84.2093, 80.5387



19.8219, 21.1515, 22.5238



0.0000, 0.0000, 0.0000



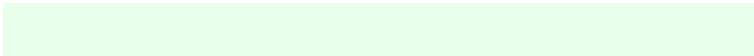
20.3446, 21.4041, 23.3091

Same Dimension

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



73.7149, 81.8524, 81.7272



84.0142, 94.6679, 92.2525



74.8881, 82.3217, 87.9053



15.6415, 17.6866, 17.1352



17.1985, 34.1714, 6.4282



1.4552, 2.8525, 0.6634

Inverse Universe

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



76.2596, 75.9482, 90.0009



87.7290, 86.0487, 104.3304



75.0555, 75.4666, 83.6603



16.3695, 15.9975, 19.5021



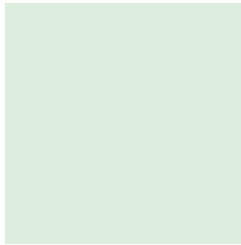
26.1933, 12.7497, 35.2639



2.2015, 1.0696, 3.0519

Previews

White Background



This preview shows how the XYZ color 73.7126, 81.8489, 81.7254 looks on a white background.

Color Contrast Check

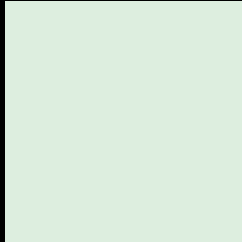
Large Text (above 18pt) WCAG AA × Fail

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 73.7126, 81.8489, 81.7254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

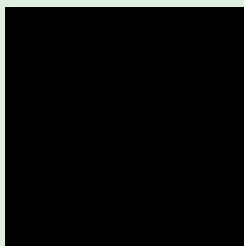
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

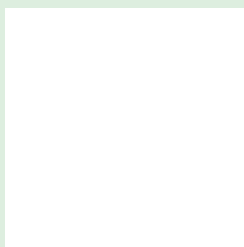
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7126, 81.8489, 81.7254

Background



This preview shows how black text looks on a background with the XYZ color 73.7126, 81.8489, 81.7254.



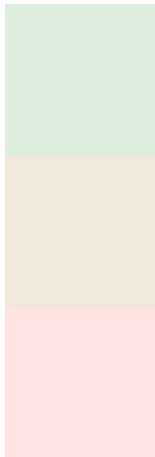
This preview shows how white text looks on a background with the XYZ color 73.7126, 81.8489,

81.7254.

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

73.7126, 81.8489, 81.7254

Protanopia

78.0505, 81.5813, 79.3432

Deuteranopia

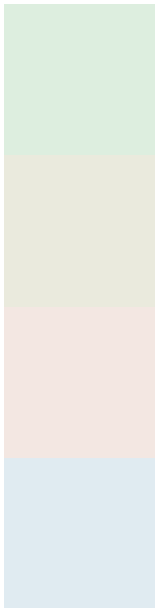
82.5742, 81.7442, 84.0991



Tritanopia

78.3575, 82.0427, 103.8014

Trichromacy



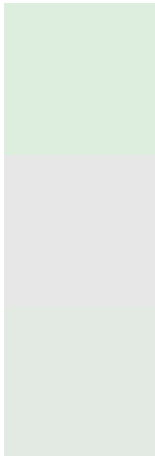
Original Color
73.7126, 81.8489, 81.7254

Protanomaly
76.4056, 81.5585, 80.1220

Deuteranomaly
79.2655, 81.6975, 83.5430

Tritanomaly
76.3260, 81.6148, 94.9495

Monochromacy



Original Color
73.7126, 81.8489, 81.7254

Achromatopsia
75.9547, 79.9103, 87.0223

Achromatomaly
75.1050, 80.7780, 85.0320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7126, 81.8489, 81.7254 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(221, 238, 223) looks like.

```
.text, #text, p{  
    color:rgb(221, 238, 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(221, 238, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 238, 223) }
```

Border

The CSS property to change the border of an element to XYZ 73.7126, 81.8489, 81.7254 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(221, 238, 223) }
```


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

```
.border{ border-color:rgb(221, 238, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 238, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 238, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 238, 223);  
box-shadow:4px 4px 4px 4px rgb(221, 238,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7126, 81.8489, 81.7254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 238, 223) }
```

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

```
.background{ background-color: rgb(221,  
238, 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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double the colors in the color bucket, and more
awesome pro features!

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