

Converting Colors

XYZ(73.8859, 83.0514, 82.9781)

Have a look what the booklet for
XYZ(73.8859, 83.0514, 82.9781)
contains.

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Color

**XYZ(73.8233, 83.1978,
82.6889)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF1E0
RGB	218, 241, 224
RGB Percent	85%, 95%, 88%
CMY	0.1451, 0.0549, 0.1216
CMYK	0.10, 0.00, 0.07, 0.05
HSL	136°, 45%, 90%
HSV	136°, 10%, 95%
XYZ	73.8233, 83.1978, 82.6889
YIQ	232.1850, -8.2510, -10.1630

Conversions

Conversions Part 2

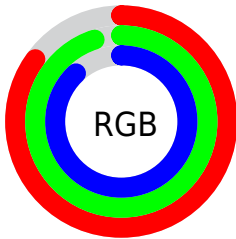
Format	Color
R _Y B	218, 236, 241
Decimal	14348768
CIE Lab	93.10, -10.65, 5.63
CIE LCh	93, 12.052, 152.126
Yxy	83.1978, 0.3080, 0.3471
Android (android.graphics.Color)	4292538848 (0xFFDAF1E0)
YUV	232.1850, -4.0352, -12.4402
Hunter-Lab	91.2128, -15.1531, 10.0997

Details

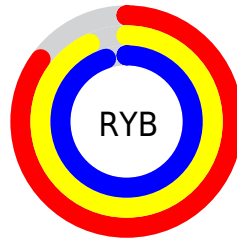
The XYZ color **73.8233, 83.1978, 82.6889** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.3454, 74.8439, 89.0237**, and the grayscale version is **76.8759, 80.8794, 88.0777**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6147, 45.3490, 44.2014** is the 20% darker color. If you saturate the color by 10%, you get **64.8430, 78.8353, 70.3111**, and if you desaturate by 10%, it is **84.1093, 88.2088, 96.4527**.

Distribution



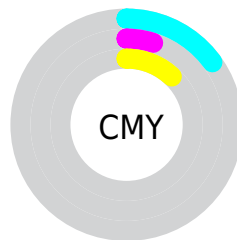
- Red (85%)
- Green (95%)
- Blue (88%)



- Red (85%)
- Yellow (93%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8233, 83.1978, 82.6889 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 73.8233, 83.1978, 82.6889 by changing the saturation by 10% instead.

73.8233, 83.1978,
82.6889

73.8233, 83.1978,
82.6889

462.9230,
505.6455, 523.8929

54.9402, 62.3533,
61.3944

123.6421,
137.8525, 138.9850

39.5875, 45.3183,
44.1109

155.3086,
172.4315, 174.8237

27.3998, 31.7082,
30.4199

191.9669,
212.3574, 216.3475

18.0119, 21.1387,
19.9028

233.9823,
258.0147, 263.9751

11.0583, 13.2254,
12.1410

281.7203,
309.7878, 318.1248

6.1736, 7.5840,
6.7161

335.5462,

2.9926, 3.8299,

368.0610, 379.2154

3.2094

395.8253,
433.2188, 447.6652

■ 1.1498, 1.5789,
1.2025

■ 0.0662, 0.3433,
0.0000

■ 73.8233, 83.1978,
82.6889

■ 73.8233, 83.1978,
82.6889

■ 64.8430, 78.8353,
70.3111

■ 84.1093, 88.2088,
96.4527

■ 57.1088, 75.0845,
59.2709

■ 90.7469, 91.3937,
107.4656

■ 50.5664, 71.9208,
49.5249

■ 45.1550, 69.3136,
41.0254

■ 40.8082, 67.2299,
33.7217

■ 37.4525, 65.6329,
27.5598

■ 35.0045, 64.4808,
22.4812

■ 33.3662, 63.7243,
18.4221

■ 32.3867, 63.2873,
15.3105

Harmonies

Analogous

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



75.8876, 83.1978, 76.6277



73.8233, 83.1978, 82.6889



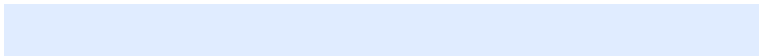
73.1555, 83.1978, 91.2358

Triad

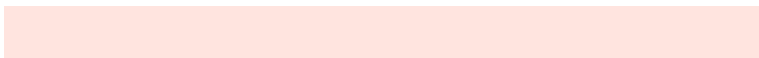
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8233, 83.1978, 82.6889



79.3028, 83.1978, 109.1267



84.3386, 83.1978, 81.6404

Complementary

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



73.8233, 83.1978, 82.6889



76.3454, 74.8439, 89.0237

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.



85.3097, 83.1978, 89.9438



73.8233, 83.1978, 82.6889



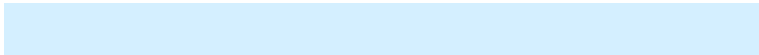
82.3545, 83.1978, 106.1492

Square

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



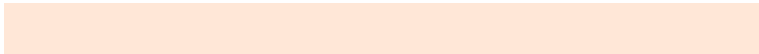
73.8233, 83.1978, 82.6889



76.2684, 83.1978, 106.8688



84.5743, 83.1978, 98.9753



81.9537, 83.1978, 76.0513

Rectangle

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



73.8233, 83.1978, 82.6889



73.5775, 83.1978, 97.3062



84.5743, 83.1978, 98.9753



84.8440, 83.1978, 84.1868

Sweetspot

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



73.8256, 83.2013, 82.6907



91.3941, 98.2190, 104.0464



78.4570, 85.6813, 78.7339



19.3580, 20.9235, 21.9978



0.0000, 0.0000, 0.0000



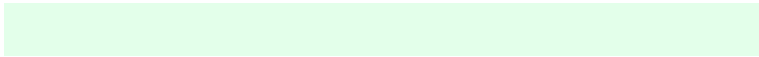
20.3446, 21.4041, 23.3091

Same Dimension

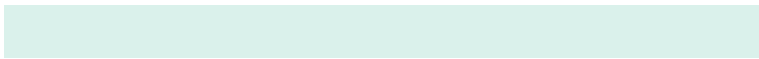
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8256, 83.2013, 82.6907



82.3124, 93.7986, 91.8093



75.4030, 83.8323, 90.9972



15.7351, 17.7241, 17.6281



17.5887, 34.3275, 8.4831



1.5027, 2.8715, 0.9134

Inverse Universe

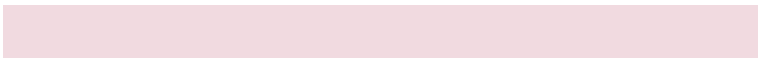
The Inverse Universe completely reimagines the original color for something new.



76.3454, 74.8439, 89.0237



85.5896, 82.9285, 100.0456



74.7703, 74.2138, 80.7291



16.2679, 15.9569, 18.9672



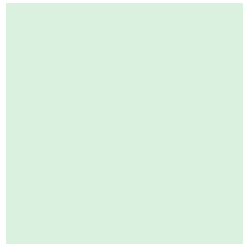
24.0949, 11.9104, 24.2141



2.0449, 1.0070, 2.2274

Previews

White Background



This preview shows how the XYZ color 73.8233, 83.1978, 82.6889 looks on a white background.

Color Contrast Check

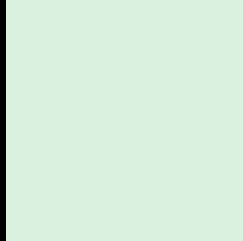
Large Text (above 18pt) WCAG AA × Fail

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 73.8233, 83.1978, 82.6889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

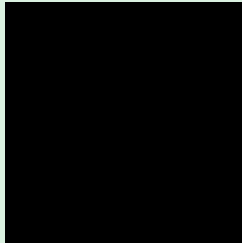
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

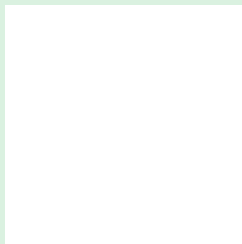
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8233, 83.1978, 82.6889

Background



This preview shows how black text looks on a background with the XYZ color 73.8233, 83.1978, 82.6889.



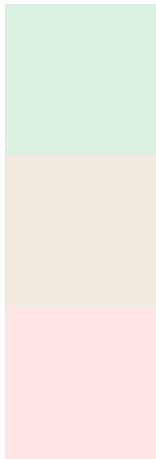
This preview shows how white text looks on a background with the XYZ color 73.8233, 83.1978,

82.6889.

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

73.8233, 83.1978, 82.6889

Protanopia

78.9590, 82.8902, 79.5480

Deuteranopia

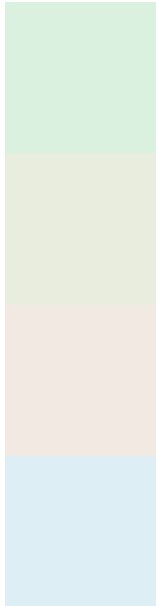
83.4022, 82.9558, 85.7450



Tritanopia

78.4769, 82.8989, 106.4727

Trichromacy



Original Color

73.8233, 83.1978, 82.6889

Protanomaly

76.9396, 83.1125, 80.3938

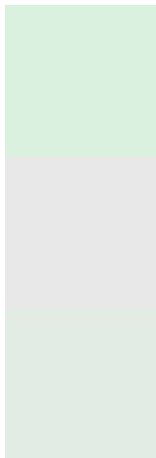
Deuteranomaly

79.6220, 82.7011, 84.4394

Tritanomaly

76.7225, 83.0529, 97.5751

Monochromacy



Original Color

73.8233, 83.1978, 82.6889

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.5297, 81.4047, 85.8606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8233, 83.1978, 82.6889 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(218, 241, 224) looks like.

```
.text, #text, p{  
    color:rgb(218, 241, 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(218, 241, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 241, 224) }
```

Border

The CSS property to change the border of an element to XYZ 73.8233, 83.1978, 82.6889 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(218, 241, 224) }
```


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

```
.border{ border-color:rgb(218, 241, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 241, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 241, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 241, 224);  
box-shadow:4px 4px 4px 4px rgb(218, 241,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8233, 83.1978, 82.6889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 241, 224) }
```

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

```
.background{ background-color: rgb(218,  
241, 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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