

Converting Colors

XYZ(71.9374, 81.4583, 85.4275)

Have a look what the booklet for XYZ(71.9374, 81.4583, 85.4275) contains.

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Color

**XYZ(71.7341, 81.1833,
85.2879)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EFE4
RGB	211, 239, 228
RGB Percent	83%, 94%, 89%
CMY	0.1725, 0.0627, 0.1059
CMYK	0.12, 0.00, 0.05, 0.06
HSL	156°, 47%, 88%
HSV	156°, 12%, 94%
XYZ	71.7341, 81.1833, 85.2879
YIQ	229.3740, -13.1570, -9.3570

Conversions

Conversions Part 2

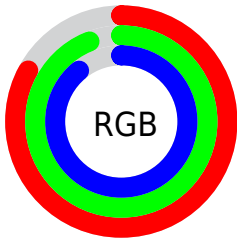
Format	Color
RYB	211, 228, 239
Decimal	13889508
CIELab	92.21, -11.20, 2.21
CIElCh	92, 11.421, 168.832
Yxy	81.1833, 0.3011, 0.3408
Android (android.graphics.Color)	4292079588 (0xFFD3EFE4)
YUV	229.3740, -0.6774, -16.1140
Hunter-Lab	90.1018, -15.5662, 6.9489

Details

The XYZ color **71.7341, 81.1833, 85.2879** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.0787, 70.2154, 78.8651**, and the grayscale version is **74.7652, 78.6589, 85.6595**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1866, 43.9520, 46.0061** is the 20% darker color. If you saturate the color by 10%, you get **64.1213, 77.4076, 78.3107**, and if you desaturate by 10%, it is **80.4404, 85.5190, 92.6894**.

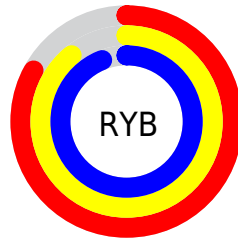
Distribution



Red (83%)

Green (94%)

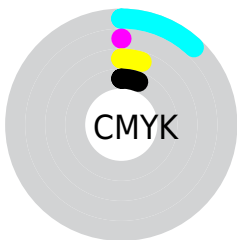
Blue (89%)



Red (83%)

Yellow (89%)

Blue (94%)

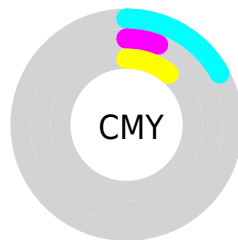


Cyan (12%)

Magenta (0%)

Yellow (5%)

Black (6%)



Cyan (17%)

Magenta (6%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7341, 81.1833, 85.2879 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 71.7341, 81.1833, 85.2879 by changing the saturation by 10% instead.

71.7341, 81.1833,
85.2879

71.7341, 81.1833,
85.2879

455.7876,
498.9117, 532.7496

53.2262, 60.6926,
63.5278

120.6913,
135.0281, 142.6531

38.2116, 43.9771,
45.8246

151.8712,
169.1510, 179.0952

26.3249, 30.6525,
31.7597

188.0059,
208.5867, 221.2684

17.2008, 20.3344,
20.9148

229.4607,
253.7197, 269.5913

10.4740, 12.6383,
12.8711

276.6008,
304.9343, 324.4823

5.7790, 7.1800,
7.2101

329.7918,

2.7505, 3.5749,

362.6149, 386.3600

3.5134

389.3990,
427.1459, 455.6429

■ 1.0233, 1.4387,
1.3624

■ 0.0000, 0.2450,
0.1121

■ 71.7341, 81.1833,
85.2879

■ 71.7341, 81.1833,
85.2879

■ 64.1213, 77.4076,
78.3107

■ 80.4404, 85.5190,
92.6894

■ 57.5492, 74.1581,
71.7445

■ 88.8633, 89.6981,
100.4513

■ 51.9709, 71.4129,
65.5828

■ 90.1580, 90.2160,
107.2693

■ 47.3330, 69.1448,
59.8170

■ 43.5769, 67.3236,
54.4381

■ 40.6371, 65.9158,
49.4366

■ 38.4387, 64.8828,
44.8023

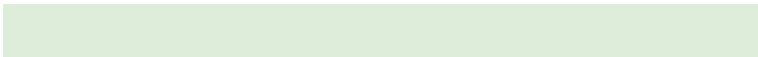
■ 36.8915, 64.1782,
40.5242

■ 35.9859, 63.7831,
37.2396

Harmonies

Analogous

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



72.9737, 81.1833, 78.1341



71.7341, 81.1833, 85.2879



71.9210, 81.1833, 93.7389

Triad

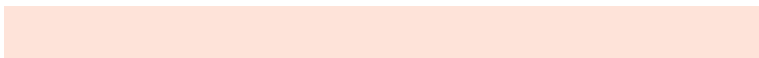
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.7341, 81.1833, 85.2879



79.0064, 81.1833, 104.6660



80.9538, 81.1833, 76.7295

Complementary

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



71.7341, 81.1833, 85.2879



72.0787, 70.2154, 78.8651

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.



82.6522, 81.1833, 83.2578



71.7341, 81.1833, 85.2879



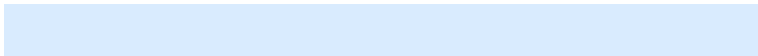
81.5082, 81.1833, 99.5167

Square

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



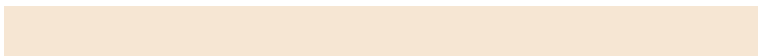
71.7341, 81.1833, 85.2879



76.0697, 81.1833, 105.2958



82.8576, 81.1833, 91.5763



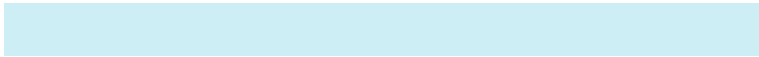
78.2653, 81.1833, 73.4066

Rectangle

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



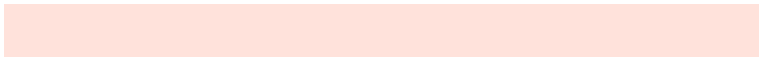
71.7341, 81.1833, 85.2879



72.8307, 81.1833, 98.9691



82.8576, 81.1833, 91.5763



81.6624, 81.1833, 78.6019

Sweetspot

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



71.7364, 81.1867, 85.2897



90.7578, 97.8611, 105.3658



72.8126, 82.0010, 73.6195



19.2582, 20.8627, 22.4123



0.0000, 0.0000, 0.0000



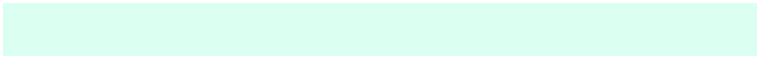
20.3446, 21.4041, 23.3091

Same Dimension

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



71.7364, 81.1867, 85.2897



80.9368, 92.9759, 96.8776



72.4998, 80.1904, 93.3225



15.9690, 17.8176, 18.8596



19.9520, 35.2728, 20.9278



1.7086, 2.9539, 1.9977

Inverse Universe

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



72.0787, 70.2154, 78.8651



81.4047, 77.9817, 88.0981



71.3530, 71.0480, 71.5823



16.0300, 15.8617, 17.7142



20.8459, 10.6108, 7.1048



1.7817, 0.9017, 0.8414

Previews

White Background



This preview shows how the XYZ color 71.7341, 81.1833, 85.2879 looks on a white background.

Color Contrast Check

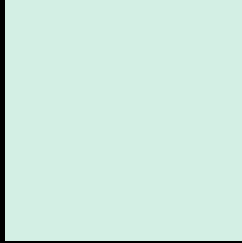
Large Text (above 18pt) WCAG AA × Fail

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 71.7341, 81.1833, 85.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

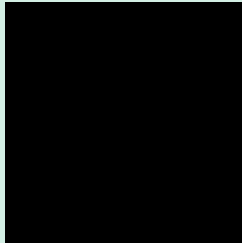
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

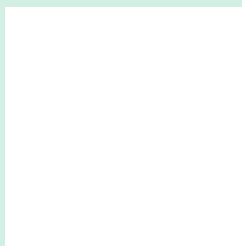
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7341, 81.1833, 85.2879

Background



This preview shows how black text looks on a background with the XYZ color 71.7341, 81.1833, 85.2879.

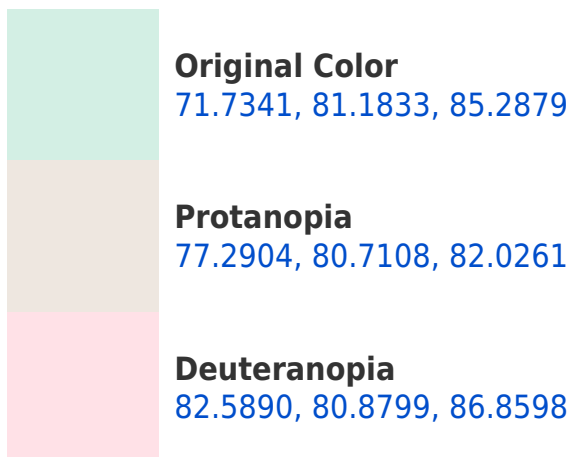


This preview shows how white text looks on a background with the XYZ color 71.7341, 81.1833,

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

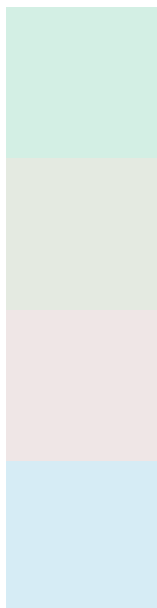




Tritanopia

75.6221, 81.0195, 105.4185

Trichromacy



Original Color

71.7341, 81.1833, 85.2879

Protanomaly

75.0083, 80.7759, 82.8721

Deuteranomaly

78.1763, 80.6575, 86.3110

Tritanomaly

74.2084, 80.8796, 98.0863

Monochromacy



Original Color

71.7341, 81.1833, 85.2879

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.4060, 79.4646, 85.5980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7341, 81.1833, 85.2879 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(211, 239, 228)` looks like.

```
.text, #text, p{  
    color:rgb(211, 239, 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(211, 239, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 239, 228) }
```

Border

The CSS property to change the border of an element to XYZ 71.7341, 81.1833, 85.2879 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(211, 239, 228) }
```


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

```
.border{ border-color:rgb(211, 239, 228) }
```

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

Here you see how a box with a 4 pixel rgb(211, 239, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 239, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 239, 228);  
box-shadow:4px 4px 4px 4px rgb(211, 239,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7341, 81.1833, 85.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 239, 228) }
```

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

```
.background{ background-color: rgb(211,  
239, 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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