

Converting Colors

XYZ(73.1294, 85.3778, 79.3256)

Have a look what the booklet for
XYZ(73.1294, 85.3778, 79.3256)
contains.

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Color

**XYZ(73.4875, 85.7821,
79.7022)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F7DB
RGB	213, 247, 219
RGB Percent	84%, 97%, 86%
CMY	0.1647, 0.0314, 0.1412
CMYK	0.14, 0.00, 0.11, 0.03
HSL	131°, 68%, 90%
HSV	131°, 14%, 97%
XYZ	73.4875, 85.7821, 79.7022
YIQ	233.6420, -11.2760, -15.9160

Conversions

Conversions Part 2

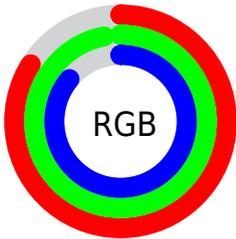
Format	Color
R _Y B	213, 242, 247
Decimal	14022619
CIE Lab	94.22, -16.17, 9.79
CIE LCh	94, 18.902, 148.819
Yxy	85.7821, 0.3075, 0.3590
Android (android.graphics.Color)	4292212699 (0xFFD5F7DB)
YUV	233.6420, -7.2185, -18.1030
Hunter-Lab	92.6186, -20.4532, 13.8115

Details

The XYZ color **73.4875, 85.7821, 79.7022** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.0322, 73.7156, 93.3388**, and the grayscale version is **77.9970, 82.0589, 89.3621**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4322, 47.2110, 42.1563** is the 20% darker color. If you saturate the color by 10%, you get **64.3450, 81.3622, 66.1392**, and if you desaturate by 10%, it is **84.0532, 90.9028, 95.0438**.

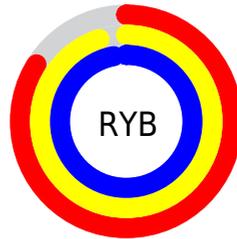
Distribution



Red (84%)

Green (97%)

Blue (86%)



Red (84%)

Yellow (95%)

Blue (97%)

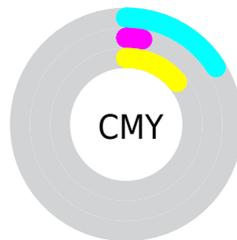


Cyan (14%)

Magenta (0%)

Yellow (11%)

Black (3%)



Cyan (16%)

Magenta (3%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4875, 85.7821, 79.7022 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 73.4875, 85.7821, 79.7022 by changing the saturation by 10% instead.

73.4875, 85.7821,
79.7022

73.4875, 85.7821,
79.7022

461.7803,
514.2124, 513.6089

54.6645, 64.4878,
58.9486

123.1684,
141.4654, 134.7546

39.3659, 47.0459,
42.1520

154.7571,
176.6231, 169.8904

27.2265, 33.0719,
28.8939

191.3316,
217.1709, 210.6574

17.8809, 22.1816,
18.7557

233.2574,
263.4929, 257.4742

10.9637, 13.9904,
11.3188

280.8998,
315.9737, 310.7591

6.1095, 8.1140,
6.1649

334.6242,

2.9531, 4.1680,

374.9976, 370.9309

2.8752

394.7959,
440.9491, 438.4080

■ 1.1290, 1.7680,
1.0313

■ 0.0492, 0.4671,
0.0000

■ 73.4875, 85.7821,
79.7022

■ 73.4875, 85.7821,
79.7022

■ 64.3450, 81.3622,
66.1392

■ 84.0532, 90.9028,
95.0438

■ 56.5578, 77.6020,
54.2849

■ 92.5524, 95.0048,
108.0675

■ 50.0627, 74.4730,
44.0731

■ 44.7888, 71.9400,
35.4314

■ 40.6584, 69.9647,
28.2815

■ 37.5844, 68.5039,
22.5388

■ 35.4671, 67.5082,
18.1100

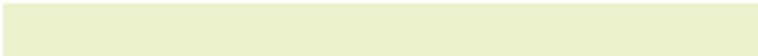
■ 34.1863, 66.9179,
14.8903

■ 33.7093, 66.7036,
13.4407

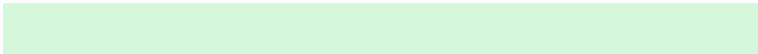
Harmonies

Analogous

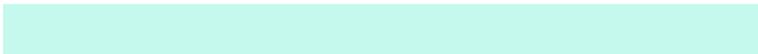
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.9315, 85.7821, 71.0489



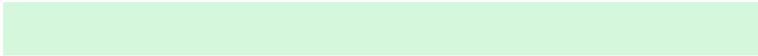
73.4875, 85.7821, 79.7022



72.1854, 85.7821, 92.8288

Triad

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



73.4875, 85.7821, 79.7022



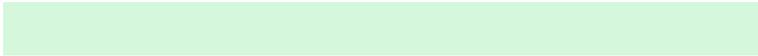
81.3329, 85.7821, 124.1307



90.3606, 85.7821, 80.6007

Complementary

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



73.4875, 85.7821, 79.7022



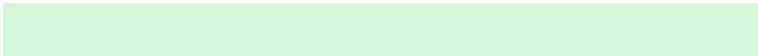
78.0322, 73.7156, 93.3388

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.



91.6553, 85.7821, 93.9778



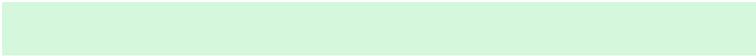
73.4875, 85.7821, 79.7022



86.3151, 85.7821, 120.0116

Square

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



73.4875, 85.7821, 79.7022



76.5977, 85.7821, 119.3339



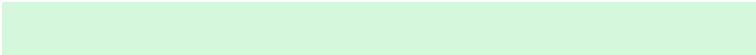
90.1459, 85.7821, 108.5883



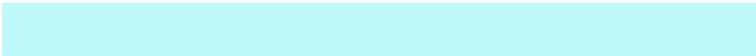
86.6765, 85.7821, 71.5287

Rectangle

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



73.4875, 85.7821, 79.7022



72.6642, 85.7821, 102.6844



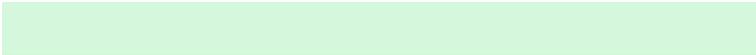
90.1459, 85.7821, 108.5883



91.0963, 85.7821, 84.6968

Sweetspot

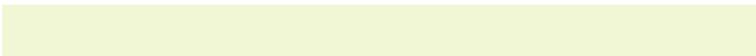
The Sweet Spot groups the original color and five complimentary colors.



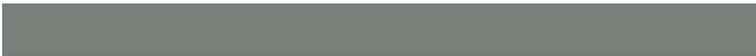
73.4899, 85.7857, 79.7041



90.0733, 97.5872, 101.7612



81.6640, 90.0893, 76.0367



19.0852, 20.7936, 21.5013



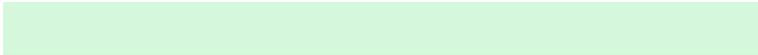
0.0000, 0.0000, 0.0000



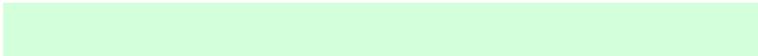
20.3446, 21.4041, 23.3091

Same Dimension

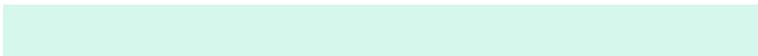
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4899, 85.7857, 79.7041



75.6362, 90.5954, 80.7250



75.7959, 86.7082, 91.8478



16.4016, 18.5198, 18.1330



17.8629, 35.2900, 7.2979



1.6027, 3.1148, 0.8139

Inverse Universe

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



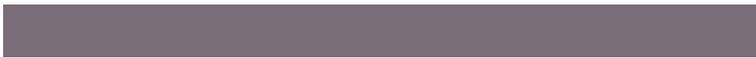
78.0322, 73.7156, 93.3388



81.5387, 74.9092, 98.4409



75.6545, 72.7645, 80.8178



17.0808, 16.7152, 20.1719



26.0609, 12.7678, 31.3588



2.3227, 1.1350, 2.9256

Previews

White Background



This preview shows how the XYZ color 73.4875, 85.7821, 79.7022 looks on a white background.

Color Contrast Check

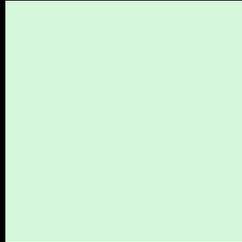
Large Text (above 18pt) WCAG AA × Fail

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 73.4875, 85.7821, 79.7022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

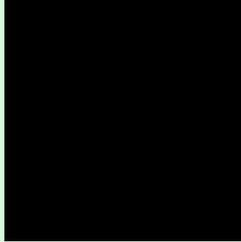
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

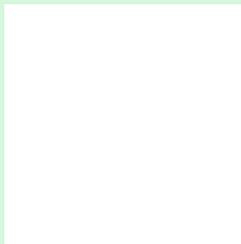
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4875, 85.7821, 79.7022

Background



This preview shows how black text looks on a background with the XYZ color 73.4875, 85.7821, 79.7022.



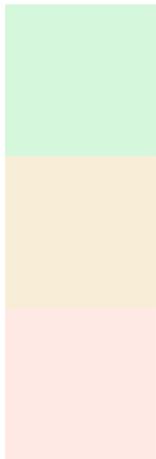
This preview shows how white text looks on a background with the XYZ color 73.4875, 85.7821,

79.7022.

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

73.4875, 85.7821, 79.7022

Protanopia

81.1332, 85.3799, 75.8221

Deuteranopia

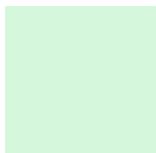
84.5218, 85.1950, 86.1182



Tritanopia

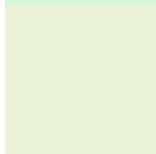
80.2614, 85.5477, 106.8899

Trichromacy



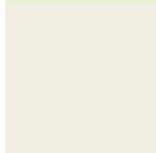
Original Color

73.4875, 85.7821, 79.7022



Protanomaly

78.1109, 85.5306, 77.3579



Deuteranomaly

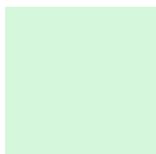
80.1003, 85.1106, 83.4404



Tritanomaly

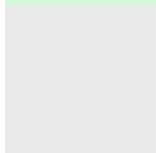
77.8964, 85.8841, 96.4761

Monochromacy



Original Color

73.4875, 85.7821, 79.7022



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.3734, 83.5589, 86.2319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4875, 85.7821, 79.7022 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(213, 247, 219)` looks like.

```
.text, #text, p{  
    color:rgb(213, 247, 219)  
}
```

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(213, 247, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 247, 219) }
```

Border

The CSS property to change the border of an element to XYZ 73.4875, 85.7821, 79.7022 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(213, 247, 219) }
```


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

```
.border{ border-color:rgb(213, 247, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 247, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 247, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 247, 219); box-shadow:4px 4px 4px 4px rgb(213, 247, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4875, 85.7821, 79.7022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 247, 219) }
```

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

```
.background{ background-color: rgb(213,  
247, 219) }
```

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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