

Converting Colors

XYZ(73.8673, 87.5311, 72.0398)

Have a look what the booklet for
XYZ(73.8673, 87.5311, 72.0398)
contains.

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Color

**XYZ(73.7670, 87.4751,
72.0279)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D8FACF |
| RGB | 216, 250, 207 |
| RGB Percent | 85%, 98%, 81% |
| CMY | 0.1529, 0.0196, 0.1882 |
| CMYK | 0.14, 0.00, 0.17, 0.02 |
| HSL | 107°, 81%, 90% |
| HSV | 107°, 17%, 98% |
| XYZ | 73.7670, 87.4751, 72.0279 |
| YIQ | 234.9320, -6.4610, -20.5810 |

Conversions

Conversions Part 2

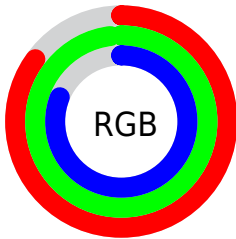
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 207, 250, 241 |
| Decimal | 14219983 |
| CIE _{Lab} | 94.94, -18.70, 17.01 |
| CIE _{LCh} | 95, 25.276, 137.703 |
| Yxy | 87.4751, 0.3162, 0.3750 |
| Android (android.graphics.Color) | 4292410063 (0xFFD8FACF) |
| YUV | 234.9320, -13.7705, -16.6034 |
| Hunter-Lab | 93.5281, -22.8887, 19.8093 |

Details

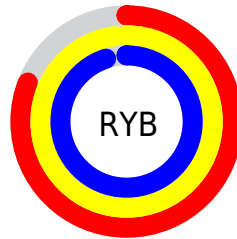
The XYZ color **73.7670, 87.4751, 72.0279** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.8472, 70.2309, 100.0053**, and the grayscale version is **79.0209, 83.1361, 90.5353**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5177, 48.0169, 37.3224** is the 20% darker color. If you saturate the color by 10%, you get **65.4565, 83.5191, 56.9276**, and if you desaturate by 10%, it is **83.2689, 91.9945, 89.7138**.

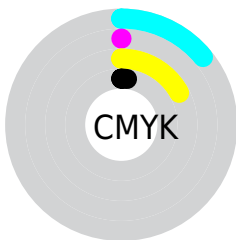
Distribution



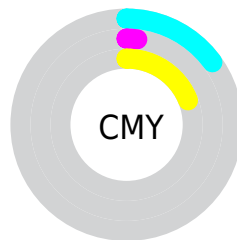
- Red (85%)
- Green (98%)
- Blue (81%)



- Red (81%)
- Yellow (98%)
- Blue (95%)



- Cyan (14%)
- Magenta (0%)
- Yellow (17%)
- Black (2%)





- Cyan (15%)
- Magenta (2%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7670, 87.4751, 72.0279 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 73.7670, 87.4751, 72.0279 by changing the saturation by 10% instead.

 73.7670, 87.4751,
72.0279

 73.7670, 87.4751,
72.0279


462.7316,
519.7828, 486.6189

 54.8940, 65.8884,
52.6945

123.5627,
143.8262, 123.8043

 39.5503, 48.1819,
37.1729


155.2161,
179.3594, 157.0843

 27.3708, 33.9709,
25.0445


191.8604,
220.3102, 195.8504

 17.9899, 22.8713,
15.8909

233.8608,
267.0631, 240.5209

 11.0424, 14.4985,
9.2935

281.5828,
320.0024, 291.5145

 6.1629, 8.4682,
4.8337

335.3917,

 2.9860, 4.3960,

379.5125, 349.2496

2.0930

395.6528,
445.9778, 414.1449

■ 1.1463, 1.8974,
0.6116

■ 0.0634, 0.5468,
0.0000

■ 73.7670, 87.4751,
72.0279

■ 73.7670, 87.4751,
72.0279

■ 65.4565, 83.5191,
56.9276

■ 83.2689, 91.9945,
89.7138

■ 58.2828, 80.0933,
44.2864

■ 93.4773, 96.8546,
108.3758

■ 52.1975, 77.1781,
33.9757

■ 47.1457, 74.7483,
25.8529

■ 43.0676, 72.7767,
19.7599

■ 39.8972, 71.2328,
15.5172

■ 37.5589, 70.0826,
12.9141

■ 35.9620, 69.2851,
11.6789

■ 35.6200, 69.1132,
11.4628

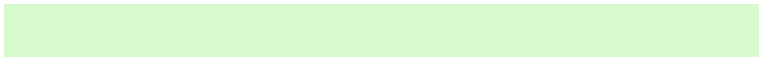
Harmonies

Analogous

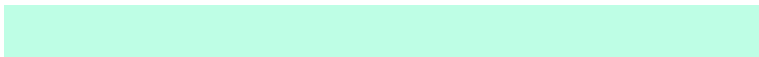
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1976, 87.4751, 63.6135



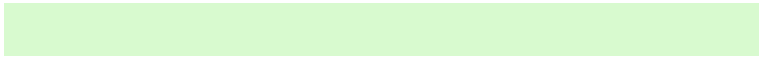
73.7670, 87.4751, 72.0279



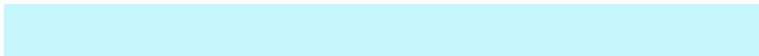
70.9147, 87.4751, 87.4279

Triad

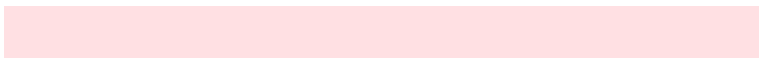
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7670, 87.4751, 72.0279



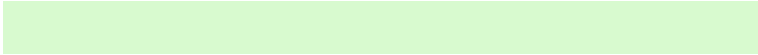
80.3660, 87.4751, 137.1054



96.3452, 87.4751, 84.2193

Complementary

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



73.7670, 87.4751, 72.0279



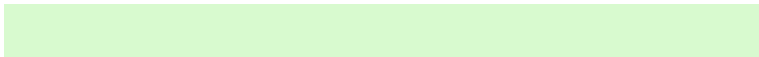
75.8472, 70.2309, 100.0053

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.



96.7007, 87.4751, 103.5158



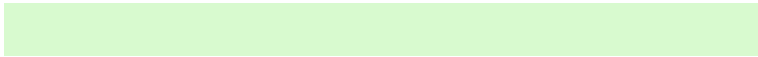
73.7670, 87.4751, 72.0279



87.2162, 87.4751, 135.9338

Square

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



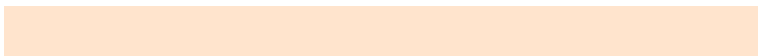
73.7670, 87.4751, 72.0279



74.5818, 87.4751, 125.9925



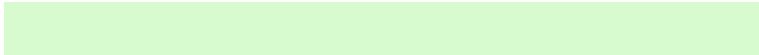
93.2804, 87.4751, 122.9826



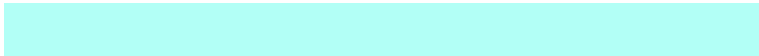
92.3344, 87.4751, 69.9580

Rectangle

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



73.7670, 87.4751, 72.0279



70.7498, 87.4751, 100.3965



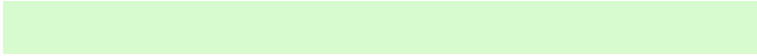
93.2804, 87.4751, 122.9826



96.9038, 87.4751, 90.2738

Sweetspot

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



73.7693, 87.4789, 72.0298



89.4523, 97.3436, 98.2760



82.0521, 87.5562, 71.6082



18.9837, 20.7583, 20.7278



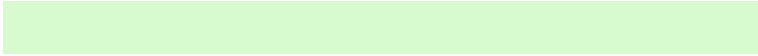
0.0000, 0.0000, 0.0000



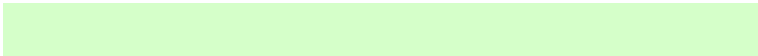
20.3446, 21.4041, 23.3091

Same Dimension

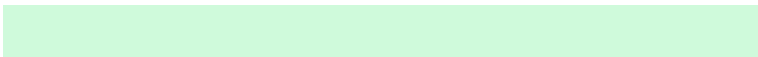
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7693, 87.4789, 72.0298



73.6967, 89.8531, 68.9954



72.7307, 86.7646, 80.0604



17.3567, 19.4842, 18.3084



18.9885, 36.7072, 6.0844



1.8426, 3.4430, 0.5674

Inverse Universe

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



75.8472, 70.2309, 100.0053



76.2783, 68.3996, 103.7899



77.1460, 71.1142, 90.4116



17.6166, 17.3305, 21.8019



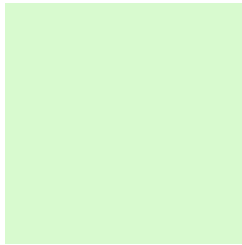
21.5857, 10.0705, 48.7797



2.0852, 0.9770, 4.5219

Previews

White Background



This preview shows how the XYZ color 73.7670, 87.4751, 72.0279 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 73.7670, 87.4751, 72.0279 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

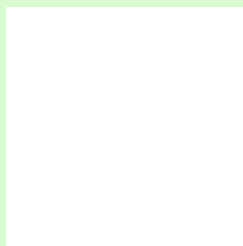
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7670, 87.4751, 72.0279

Background



This preview shows how black text looks on a background with the XYZ color 73.7670, 87.4751, 72.0279.



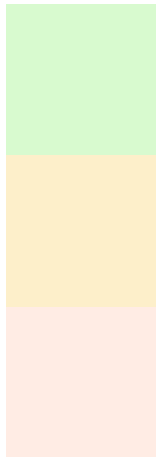
This preview shows how white text looks on a background with the XYZ color 73.7670, 87.4751,

72.0279.

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

73.7670, 87.4751, 72.0279

Protanopia

82.0352, 86.8799, 68.3229

Deuteranopia

85.2390, 86.8523, 85.6704



Tritanopia

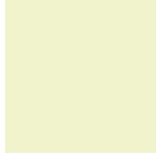
82.4353, 87.5473, 107.1612

Trichromacy



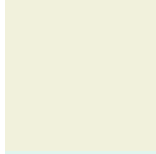
Original Color

73.7670, 87.4751, 72.0279



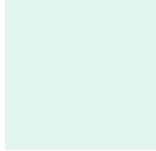
Protanomaly

78.8849, 86.9861, 69.7591



Deuteranomaly

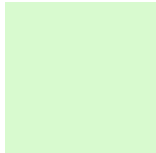
80.6492, 86.7787, 80.2094



Tritanomaly

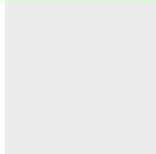
79.1364, 87.4854, 93.6044

Monochromacy



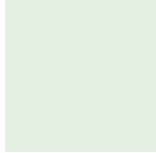
Original Color

73.7670, 87.4751, 72.0279



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.7456, 84.2504, 83.4512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7670, 87.4751, 72.0279 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(216, 250, 207)` looks like.

```
.text, #text, p{  
    color:rgb(216, 250, 207)  
}
```

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(216, 250, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 250, 207) }
```

Border

The CSS property to change the border of an element to XYZ 73.7670, 87.4751, 72.0279 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(216, 250, 207) }
```


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

```
.border{ border-color:rgb(216, 250, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 250, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 250, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 250, 207);  
box-shadow:4px 4px 4px 4px rgb(216, 250,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7670, 87.4751, 72.0279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 250, 207) }
```

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

```
.background{ background-color: rgb(216,  
250, 207) }
```

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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