

Converting Colors

XYZ(73.8059, 87.4859, 72.6724)

Have a look what the booklet for
XYZ(73.8059, 87.4859, 72.6724)
contains.

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Color

**XYZ(73.8897, 87.5242,
72.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	D8FAD0
RGB	216, 250, 208
RGB Percent	85%, 98%, 82%
CMY	0.1529, 0.0196, 0.1843
CMYK	0.14, 0.00, 0.17, 0.02
HSL	109°, 81%, 90%
HSV	109°, 17%, 98%
XYZ	73.8897, 87.5242, 72.6740
YIQ	235.0460, -6.7820, -20.2700

Conversions

Conversions Part 2

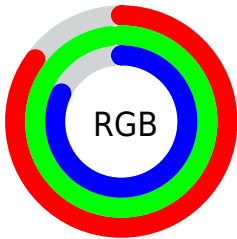
Format	Color
R_{YB}	208, 250, 242
Decimal	14219984
CIE _{Lab}	94.96, -18.53, 16.53
CIE _{LCh}	95, 24.829, 138.272
Yxy	87.5242, 0.3156, 0.3739
Android (android.graphics.Color)	4292410064 (0xFFD8FAD0)
YUV	235.0460, -13.3337, -16.7033
Hunter-Lab	93.5544, -22.7400, 19.4310

Details

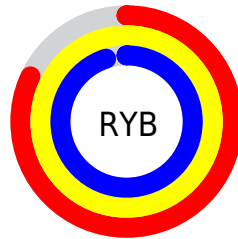
The XYZ color **73.8897, 87.5242, 72.6740** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.4327, 70.8936, 100.1024**, and the grayscale version is **79.1047, 83.2243, 90.6313**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6006, 48.0501, 37.7593** is the 20% darker color. If you saturate the color by 10%, you get **65.4378, 83.4975, 57.4683**, and if you desaturate by 10%, it is **83.5677, 92.1321, 90.4716**.

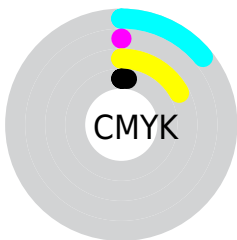
Distribution



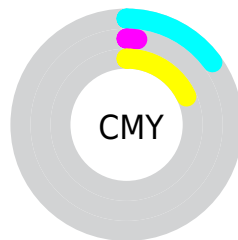
- Red (85%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (95%)



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





- Cyan (15%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8897, 87.5242, 72.6740 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 73.8897, 87.5242, 72.6740 by changing the saturation by 10% instead.


 73.8897, 87.5242,
72.6740

 73.8897, 87.5242,
72.6740


463.1488,
519.9438, 488.9246

 54.9947, 65.9291,
53.2192


123.7358,
143.8946, 124.7309

 39.6313, 48.2148,
37.5889


155.4176,
179.4386, 158.1702

 27.4341, 33.9971,
25.3644


192.0924,
220.4011, 197.1080

 18.0378, 22.8913,
16.1273

234.1256,
267.1664, 241.9629

 11.0770, 14.5133,
9.4589

281.8824,
320.1189, 293.1535

 6.1863, 8.4785,
4.9408

335.7283,

 3.0004, 4.4026,

379.6431, 351.0983

2.1545

396.0287,
446.1233, 416.2158

■ 1.1540, 1.9012,
0.6479

■ 0.0696, 0.5491,
0.0000

■ 73.8897, 87.5242,
72.6740

■ 73.8897, 87.5242,
72.6740

■ 65.4378, 83.4975,
57.4683

■ 83.5677, 92.1321,
90.4716

■ 58.1557, 80.0179,
44.7281

■ 93.4773, 96.8546,
108.3758

■ 51.9930, 77.0647,
34.3251

■ 46.8928, 74.6119,
26.1174

■ 42.7932, 72.6308,
19.9472

■ 39.6253, 71.0898,
15.6361

■ 37.3110, 69.9533,
12.9746

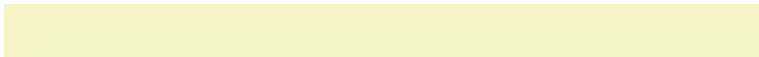
■ 35.7571, 69.1788,
11.6979

■ 35.3880, 68.9936,
11.4520

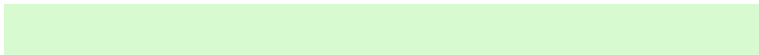
Harmonies

Analogous

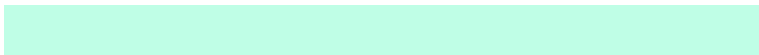
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1928, 87.5242, 64.2287



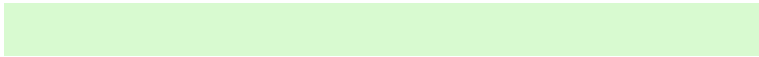
73.8897, 87.5242, 72.6740



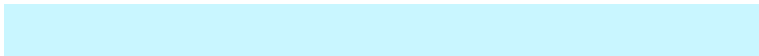
71.1375, 87.5242, 87.9539

Triad

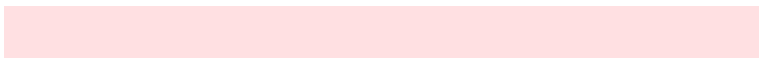
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.8897, 87.5242, 72.6740



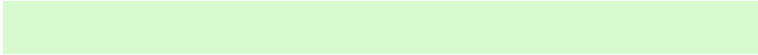
80.5833, 87.5242, 136.4416



96.1083, 87.5242, 84.1325

Complementary

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



73.8897, 87.5242, 72.6740



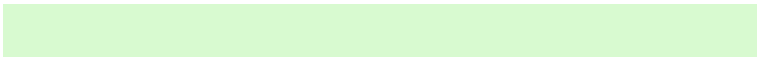
76.4327, 70.8936, 100.1024

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.



96.5304, 87.5242, 103.0420



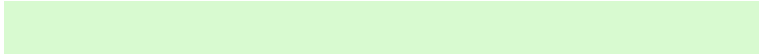
73.8897, 87.5242, 72.6740



87.3176, 87.5242, 135.0538

Square

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



73.8897, 87.5242, 72.6740



74.8602, 87.5242, 125.7597



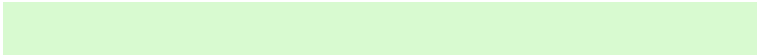
93.2378, 87.5242, 122.1908



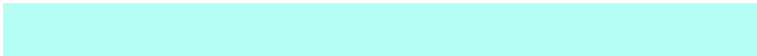
92.1140, 87.5242, 70.2027

Rectangle

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



73.8897, 87.5242, 72.6740



71.0153, 87.5242, 100.7376



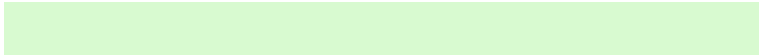
93.2378, 87.5242, 122.1908



96.6803, 87.5242, 90.0597

Sweetspot

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



73.8921, 87.5280, 72.6759



89.3686, 97.3005, 98.2720



82.4464, 88.1485, 72.3448



18.9634, 20.7478, 20.7269



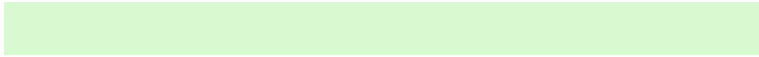
0.0000, 0.0000, 0.0000



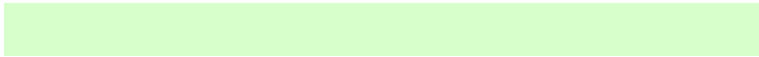
20.3446, 21.4041, 23.3091

Same Dimension

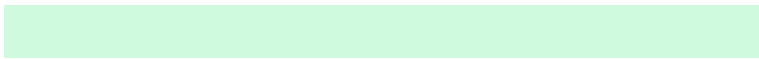
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8921, 87.5280, 72.6759



74.3068, 90.1326, 70.6077



73.1986, 86.9842, 81.0613



17.3258, 19.4682, 18.3070



18.8585, 36.6402, 6.0783



1.8263, 3.4346, 0.5667

Inverse Universe

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



76.4327, 70.8936, 100.1024



77.3994, 69.8699, 104.0146



77.3279, 71.5759, 90.1709



17.6500, 17.3477, 21.8035



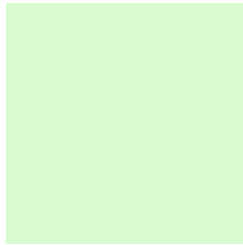
22.2450, 10.4104, 48.8105



2.1408, 1.0057, 4.5245

Previews

White Background



This preview shows how the XYZ color 73.8897, 87.5242, 72.6740 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 73.8897, 87.5242, 72.6740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

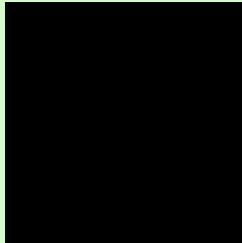
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

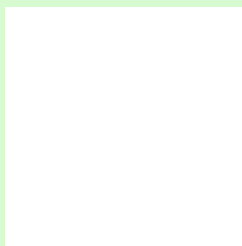
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8897, 87.5242, 72.6740

Background



This preview shows how black text looks on a background with the XYZ color 73.8897, 87.5242, 72.6740.



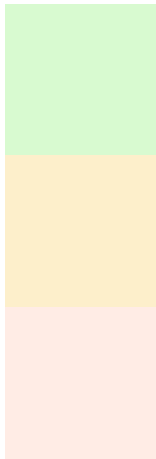
This preview shows how white text looks on a background with the XYZ color 73.8897, 87.5242,

72.6740.

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

73.8897, 87.5242, 72.6740

Protanopia

82.1540, 86.9274, 68.9486

Deuteranopia

85.3783, 86.9080, 86.4038



Tritanopia

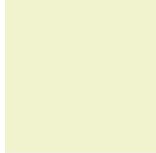
82.4353, 87.5473, 107.1612

Trichromacy



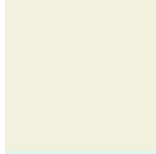
Original Color

73.8897, 87.5242, 72.6740



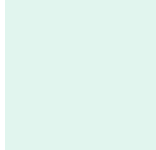
Protanomaly

79.0052, 87.0342, 70.3929



Deuteranomaly

80.7821, 86.8318, 80.9092



Tritanomaly

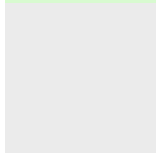
79.1364, 87.4854, 93.6044

Monochromacy



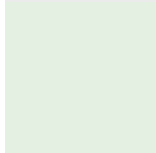
Original Color

73.8897, 87.5242, 72.6740



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 73.8897, 87.5242, 72.6740 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(216, 250, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 250, 208) }
```

Border

The CSS property to change the border of an element to XYZ 73.8897, 87.5242, 72.6740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

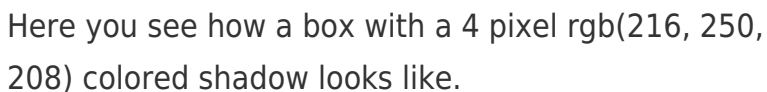
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 250, 208) }
```


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

```
.border{ border-color:rgb(216, 250, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 250, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 250, 208); box-shadow:4px 4px 4px 4px rgb(216, 250, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8897, 87.5242, 72.6740 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, 208) }
```

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

```
.background{ background-color: rgb(216,  
250, 208) }
```

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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