

Converting Colors

XYZ(73.7186, 87.4217, 73.3103)

Have a look what the booklet for
XYZ(73.7186, 87.4217, 73.3103)
contains.

XYZ(73.7186, 87.4217, 73.3103)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.7186, 87.4217,
73.3103)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FAD1
RGB	215, 250, 209
RGB Percent	84%, 98%, 82%
CMY	0.1569, 0.0196, 0.1804
CMYK	0.14, 0.00, 0.16, 0.02
HSL	111°, 80%, 90%
HSV	111°, 16%, 98%
XYZ	73.7186, 87.4217, 73.3103
YIQ	234.8610, -7.6990, -20.1710

Conversions

Conversions Part 2

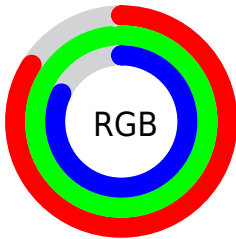
Format	Color
R _Y B	209, 250, 244
Decimal	14154449
CIE Lab	94.92, -18.70, 15.94
CIE LCh	95, 24.573, 139.548
Yxy	87.4217, 0.3144, 0.3729
Android (android.graphics.Color)	4292344529 (0xFFD7FAD1)
YUV	234.8610, -12.7495, -17.4181
Hunter-Lab	93.4996, -22.8881, 18.9621

Details

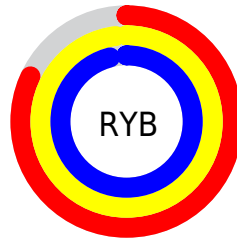
The XYZ color **73.7186, 87.4217, 73.3103** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.3674, 71.7386, 100.2162**, and the grayscale version is **78.9600, 83.0721, 90.4655**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3999, 47.9466, 37.7499** is the 20% darker color. If you saturate the color by 10%, you get **64.9999, 83.2596, 57.9931**, and if you desaturate by 10%, it is **83.7454, 92.2071, 91.2277**.

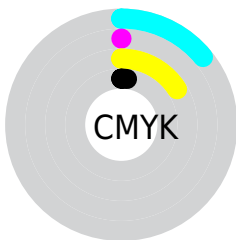
Distribution



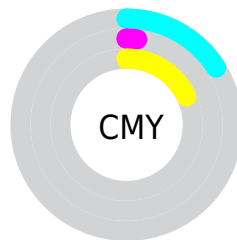
- Red (84%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (96%)



- Cyan (14%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)




- Cyan (16%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7186, 87.4217, 73.3103 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 73.7186, 87.4217, 73.3103 by changing the saturation by 10% instead.


 73.7186, 87.4217,
73.3103

 73.7186, 87.4217,
73.3103


462.5669,
519.6076, 491.1891

 54.8542, 65.8442,
53.7364


123.4945,
143.7518, 125.6426

 39.5184, 48.1460,
37.9992


155.1367,
179.2732, 159.2381

 27.3458, 33.9425,
25.6802


191.7688,
220.2113, 198.3445

 17.9710, 22.8494,
16.3610

233.7564,
266.9507, 243.3803

 11.0287, 14.4824,
9.6228

281.4646,
319.8756, 294.7642

 6.1536, 8.4569,
5.0473

335.2588,

 2.9803, 4.3887,

379.3704, 352.9146

2.2158

395.5045,
445.8196, 418.2500

■ 1.1433, 1.8933,
0.6835

■ 0.0609, 0.5443,
0.0000

■ 73.7186, 87.4217,
73.3103

■ 73.7186, 87.4217,
73.3103

■ 64.9999, 83.2596,
57.9931

■ 83.7454, 92.2071,
91.2277

■ 57.5282, 79.6843,
45.1499

■ 93.4773, 96.8546,
108.3758

■ 51.2481, 76.6726,
34.6527

■ 46.0971, 74.1954,
26.3595

■ 42.0070, 72.2210,
20.1134

■ 38.9021, 70.7140,
15.7363

■ 36.6962, 69.6346,
13.0200

■ 35.2866, 68.9356,
11.7045

■ 34.9353, 68.7602,
11.4308

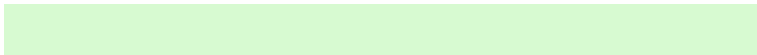
Harmonies

Analogous

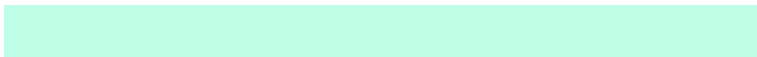
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8780, 87.4217, 64.6274



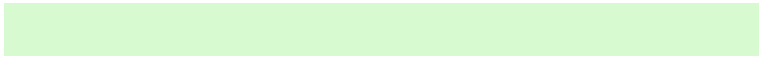
73.7186, 87.4217, 73.3103



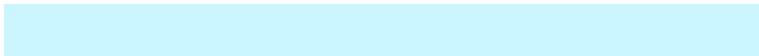
71.1183, 87.4217, 88.6850

Triad

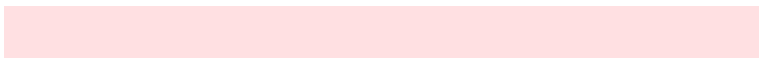
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7186, 87.4217, 73.3103



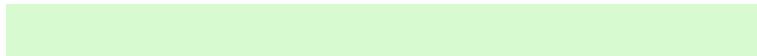
80.7891, 87.4217, 136.0233



95.7596, 87.4217, 83.4301

Complementary

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



73.7186, 87.4217, 73.3103



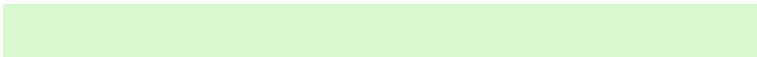
77.3674, 71.7386, 100.2162

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.



96.3388, 87.4217, 102.0000



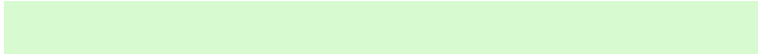
73.7186, 87.4217, 73.3103



87.4528, 87.4217, 134.1213

Square

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



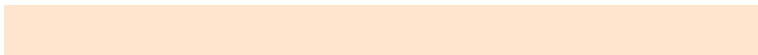
73.7186, 87.4217, 73.3103



75.0532, 87.4217, 125.9282



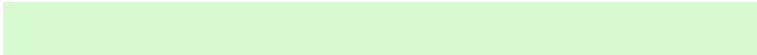
93.2274, 87.4217, 121.0338



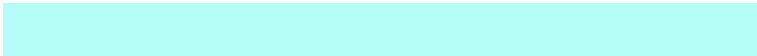
91.6846, 87.4217, 69.9068

Rectangle

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



73.7186, 87.4217, 73.3103



71.0866, 87.4217, 101.4047



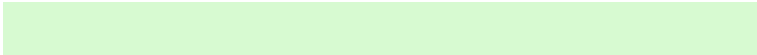
93.2274, 87.4217, 121.0338



96.3775, 87.4217, 89.2295

Sweetspot

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



73.7210, 87.4254, 73.3122



89.1729, 97.1996, 98.2629



83.2422, 89.5426, 73.2190



18.9160, 20.7234, 20.7246



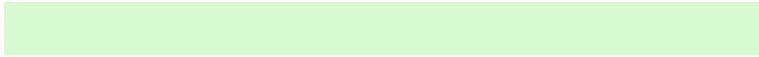
0.0000, 0.0000, 0.0000



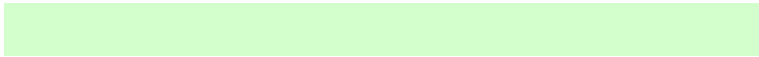
20.3446, 21.4041, 23.3091

Same Dimension

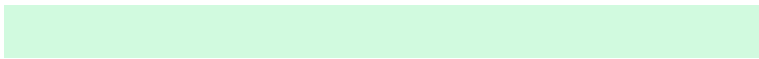
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7210, 87.4254, 73.3122



73.6557, 89.7969, 70.5772



73.8493, 87.2770, 83.0159



17.2537, 19.4310, 18.3036



18.6014, 36.5077, 6.0663



1.7915, 3.4167, 0.5651

Inverse Universe

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



77.3674, 71.7386, 100.2162



78.1906, 70.2778, 104.0516



77.3174, 71.9630, 88.9089



17.7288, 17.3883, 21.8072



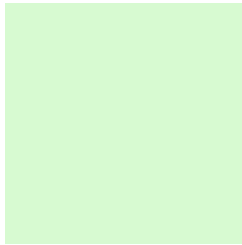
23.8688, 11.2475, 48.8865



2.2765, 1.0757, 4.5308

Previews

White Background



This preview shows how the XYZ color 73.7186, 87.4217, 73.3103 looks on a white background.

Color Contrast Check

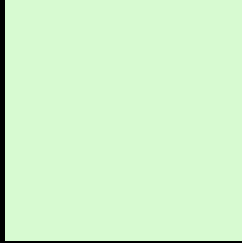
Large Text (above 18pt) WCAG AA × Fail

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 73.7186, 87.4217, 73.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

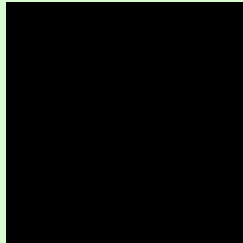
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

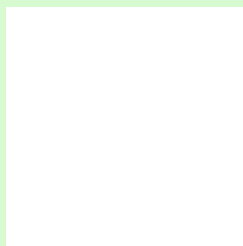
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7186, 87.4217, 73.3103

Background



This preview shows how black text looks on a background with the XYZ color 73.7186, 87.4217, 73.3103.

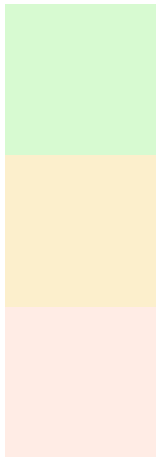


This preview shows how white text looks on a background with the XYZ color 73.7186, 87.4217,

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

73.7186, 87.4217, 73.3103

Protanopia

81.9105, 86.7881, 69.5614

Deuteranopia

85.3783, 86.9080, 86.4038



Tritanopia

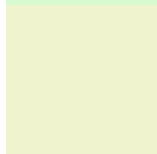
82.1152, 87.3823, 107.1463

Trichromacy



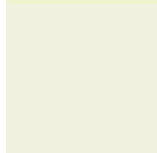
Original Color

73.7186, 87.4217, 73.3103



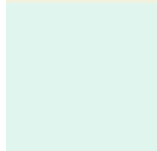
Protanomaly

78.7878, 86.9081, 71.0149



Deuteranomaly

80.5753, 86.7098, 81.5971



Tritanomaly

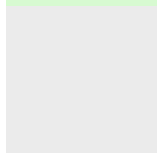
78.8255, 87.3252, 93.5898

Monochromacy



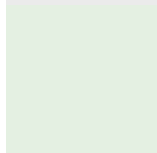
Original Color

73.7186, 87.4217, 73.3103



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.8825, 84.3051, 84.1719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7186, 87.4217, 73.3103 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(215, 250, 209)` looks like.

```
.text, #text, p{  
    color:rgb(215, 250, 209)  
}
```

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(215, 250, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 250, 209) }
```

Border

The CSS property to change the border of an element to XYZ 73.7186, 87.4217, 73.3103 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(215, 250, 209) }
```


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

```
.border{ border-color:rgb(215, 250, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 250, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 250, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 250, 209);  
box-shadow:4px 4px 4px 4px rgb(215, 250,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7186, 87.4217, 73.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 250, 209) }
```

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

```
.background{ background-color: rgb(215,  
250, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor