

Converting Colors

XYZ(72.5297, 86.5957, 73.5052)

Have a look what the booklet for
XYZ(72.5297, 86.5957, 73.5052)
contains.

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Color

**XYZ(72.5582, 86.8235,
73.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FAD1
RGB	211, 250, 209
RGB Percent	83%, 98%, 82%
CMY	0.1725, 0.0196, 0.1804
CMYK	0.16, 0.00, 0.16, 0.02
HSL	117°, 80%, 90%
HSV	117°, 16%, 98%
XYZ	72.5582, 86.8235, 73.2560
YIQ	233.6650, -10.0830, -21.0190

Conversions

Conversions Part 2

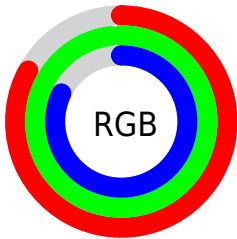
Format	Color
R_{YB}	209, 250, 248
Decimal	13892305
CIE _{Lab}	94.66, -20.03, 15.55
CIE _{LCh}	95, 25.356, 142.177
Yxy	86.8235, 0.3119, 0.3732
Android (android.graphics.Color)	4292082385 (0xFFD3FAD1)
YUV	233.6650, -12.1598, -19.8772
Hunter-Lab	93.1791, -24.0663, 18.6125

Details

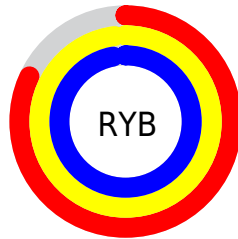
The XYZ color **72.5582, 86.8235, 73.2560** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.7706, 72.4619, 100.2818**, and the grayscale version is **78.0499, 82.1145, 89.4227**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6967, 47.5744, 38.1536** is the 20% darker color. If you saturate the color by 10%, you get **63.3866, 82.4279, 57.9176**, and if you desaturate by 10%, it is **83.2282, 91.9405, 91.2035**.

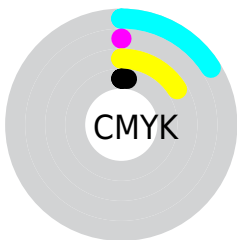
Distribution



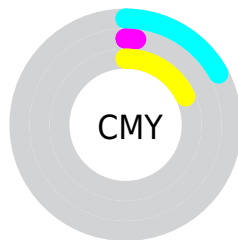
- Red (83%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (97%)



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




- Cyan (17%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5582, 86.8235, 73.2560 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 72.5582, 86.8235, 73.2560 by changing the saturation by 10% instead.


 72.5582, 86.8235,
73.2560

 72.5582, 86.8235,
73.2560


458.6097,
517.6427, 490.9961

 53.9019, 65.3492,
53.6922


121.8563,
142.9181, 125.5649

 38.7536, 47.7443,
37.9642


153.2288,
178.3071, 159.1470

 26.7479, 33.6244,
25.6533


189.5708,
219.1032, 198.2390

 17.5196, 22.6052,
16.3410

231.2476,
265.6907, 243.2595

 10.7032, 14.3023,
9.6088

278.6245,
318.4540, 294.6269

 5.9335, 8.3312,
5.0382

332.0669,

 2.8449, 4.3076,

377.7775, 352.7597

2.2105

391.9402,
444.0456, 418.0766

■ 1.0723, 1.8471,
0.6804

■ 0.0018, 0.5163,
0.0000

■ 72.5582, 86.8235,
73.2560

■ 72.5582, 86.8235,
73.2560

■ 63.3866, 82.4279,
57.9176

■ 83.2282, 91.9405,
91.2035

■ 55.6396, 78.7107,
45.0615

■ 93.4773, 96.8546,
108.3758

■ 49.2479, 75.6415,
34.5591

■ 44.1335, 73.1832,
26.2677

■ 40.2105, 71.2948,
20.0293

■ 37.3824, 69.9305,
15.6652

■ 35.5377, 69.0374,
12.9658

■ 34.5406, 68.5510,
11.6696

■ 34.3416, 68.4541,
11.4030

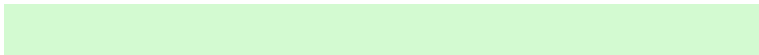
Harmonies

Analogous

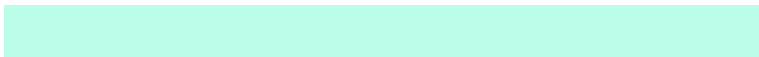
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6546, 86.8235, 63.7533



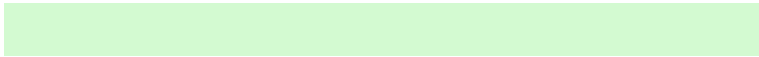
72.5582, 86.8235, 73.2560



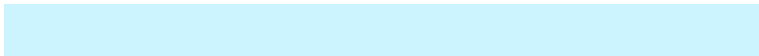
70.1600, 86.8235, 89.4981

Triad

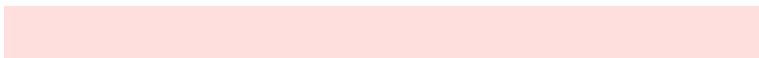
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5582, 86.8235, 73.2560



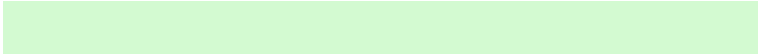
80.7447, 86.8235, 137.0067



95.3195, 86.8235, 81.0111

Complementary

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



72.5582, 86.8235, 73.2560



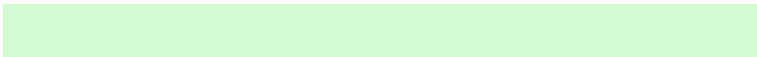
78.7706, 72.4619, 100.2818

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.



96.2595, 86.8235, 99.7596



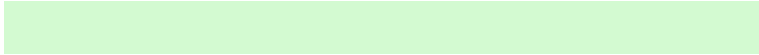
72.5582, 86.8235, 73.2560



87.5910, 86.8235, 133.9089

Square

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



72.5582, 86.8235, 73.2560



74.7132, 86.8235, 127.5420



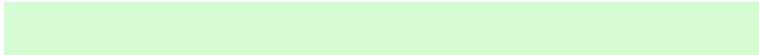
93.3611, 86.8235, 119.5831



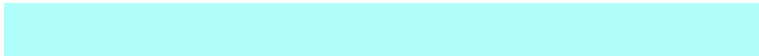
90.8592, 86.8235, 67.7805

Rectangle

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



72.5582, 86.8235, 73.2560



70.3159, 86.8235, 102.7108



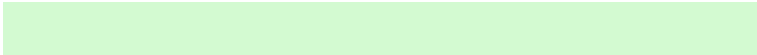
93.3611, 86.8235, 119.5831



96.0672, 86.8235, 86.8069

Sweetspot

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



72.5605, 86.8272, 73.2579



88.7425, 96.9777, 98.2427



84.4888, 92.0358, 73.6346



18.8119, 20.6697, 20.7198



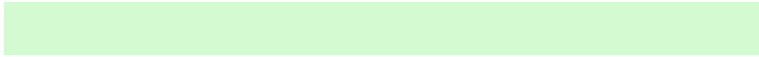
0.0000, 0.0000, 0.0000



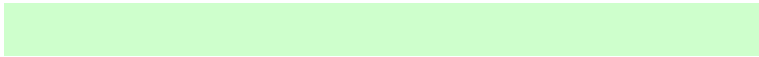
20.3446, 21.4041, 23.3091

Same Dimension

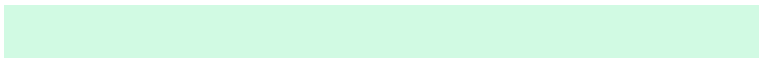
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5605, 86.8272, 73.2579



72.2481, 89.0712, 70.5113



74.4102, 87.5013, 85.9693



17.0956, 19.3496, 18.2962



18.2483, 36.3256, 6.0498



1.7168, 3.3781, 0.5616

Inverse Universe

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



78.7706, 72.4619, 100.2818



79.9738, 71.1971, 104.1351



76.7294, 71.7278, 85.8129



17.9045, 17.4789, 21.8154



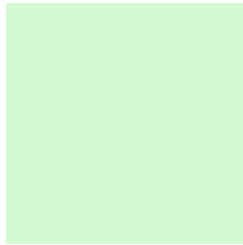
27.8586, 13.3043, 49.0732



2.6052, 1.2451, 4.5462

Previews

White Background



This preview shows how the XYZ color 72.5582, 86.8235, 73.2560 looks on a white background.

Color Contrast Check

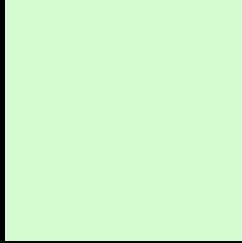
Large Text (above 18pt) WCAG AA × Fail

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 72.5582, 86.8235, 73.2560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

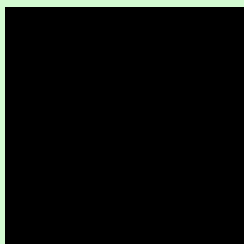
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

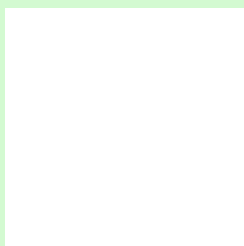
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5582, 86.8235, 73.2560

Background



This preview shows how black text looks on a background with the XYZ color 72.5582, 86.8235, 73.2560.



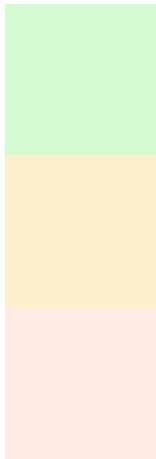
This preview shows how white text looks on a background with the XYZ color 72.5582, 86.8235,

73.2560.

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

72.5582, 86.8235, 73.2560

Protanopia

81.7909, 86.7402, 68.9316

Deuteranopia

84.8135, 86.2227, 84.8455



Tritanopia

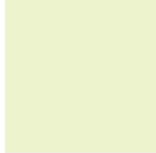
81.1662, 86.8930, 107.1019

Trichromacy



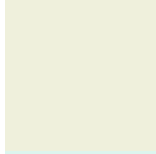
Original Color

72.5582, 86.8235, 73.2560



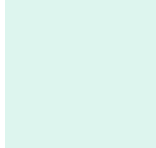
Protanomaly

77.9951, 86.5135, 70.3456



Deuteranomaly

79.6750, 85.8382, 80.0793



Tritanomaly

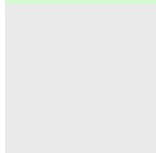
77.9038, 86.8500, 93.5467

Monochromacy



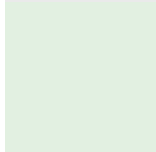
Original Color

72.5582, 86.8235, 73.2560



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.1147, 83.9252, 83.4217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5582, 86.8235, 73.2560 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, 250, 209)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 250, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 250, 209) }
```

Border

The CSS property to change the border of an element to XYZ 72.5582, 86.8235, 73.2560 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, 250, 209) }
```


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

```
.border{ border-color:rgb(211, 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(211, 250, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 250, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 250, 209);  
box-shadow:4px 4px 4px 4px rgb(211, 250,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5582, 86.8235, 73.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 250, 209) }
```

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

```
.background{ background-color: rgb(211,  
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](#).

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