

Converting Colors

XYZ(83.0891, 86.1429, 73.8852)

Have a look what the booklet for
XYZ(83.0891, 86.1429, 73.8852)
contains.

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Color

**XYZ(82.9933, 85.9541,
73.8446)**

Conversions

Conversions Part 1

Format	Color
Hex	FFECD3
RGB	255, 236, 211
RGB Percent	100%, 93%, 83%
CMY	0.0000, 0.0745, 0.1725
CMYK	0.00, 0.07, 0.17, 0.00
HSL	34°, 100%, 91%
HSV	34°, 17%, 100%
XYZ	82.9933, 85.9541, 73.8446
YIQ	238.8310, 19.3490, -3.7470

Conversions

Conversions Part 2

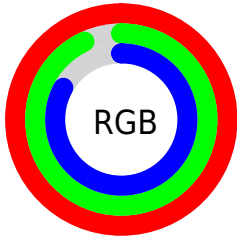
Format	Color
RYB	244, 255, 211
Decimal	16772307
CIELab	94.29, 2.50, 14.44
CIELCh	94, 14.657, 80.173
Yxy	85.9541, 0.3418, 0.3540
Android (android.graphics.Color)	4294962387 (0xFFFFECD3)
YUV	238.8310, -13.7207, 14.1802
Hunter-Lab	92.7114, -2.4556, 17.6736

Details

The XYZ color **82.9933, 85.9541, 73.8446** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **73.2100, 77.6602, 105.7391**, and the grayscale version is **82.0073, 86.2780, 93.9568**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6107, 47.0486, 38.1298** is the 20% darker color. If you saturate the color by 10%, you get **76.9748, 78.6335, 57.2980**, and if you desaturate by 10%, it is **89.7186, 93.8757, 93.1308**.

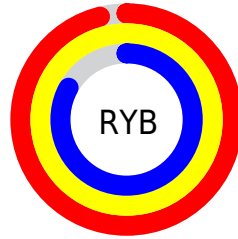
Distribution



Red (100%)

Green (93%)

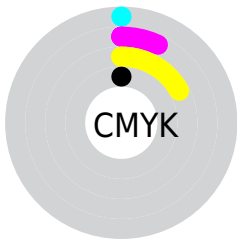
Blue (83%)



Red (96%)

Yellow (100%)

Blue (83%)

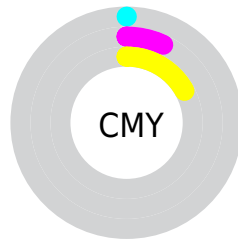


Cyan (0%)

Magenta (7%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (7%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.9933, 85.9541, 73.8446 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 82.9933, 85.9541, 73.8446 by changing the saturation by 10% instead.


 82.9933, 85.9541,
73.8446

 82.9933, 85.9541,
73.8446


493.5485,
514.7798, 493.0859

 62.5015, 64.6300,
54.1708

136.4946,
141.7054, 126.4075

 45.6952, 47.1611,
38.3442


170.2349,
176.9015, 160.1337

 32.2090, 33.1631,
25.9460


209.1221,
217.4903, 199.3812

 21.6775, 22.2514,
16.5578

253.5215,
263.8563, 244.5684

 13.7354, 14.0417,
9.7611

303.7984,
316.3838, 296.1140

 8.0173, 8.1497,
5.1373

360.3184,

 4.1579, 4.1909,

375.4574, 354.4364

2.2679

423.4466,
441.4612, 419.9542

■ 1.7919, 1.7809,
0.7132

■ 0.5128, 0.4752,
0.0000

■ 82.9933, 85.9541,
73.8446

■ 82.9933, 85.9541,
73.8446

■ 76.9748, 78.6335,
57.2980

■ 89.7186, 93.8757,
93.1308

■ 71.6294, 71.8863,
43.3587

95.0500, 100.0000,
108.9000

■ 66.9299, 65.6987,
31.8917

■ 62.8443, 60.0520,
22.7475

■ 59.3377, 54.9261,
15.7599

■ 56.3706, 50.2991,
10.7409

■ 53.8970, 46.1460,
7.4689

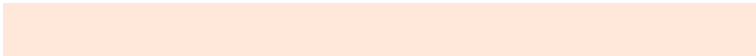
■ 51.8591, 42.4368,
5.6589

■ 51.3530, 41.4860,
5.3010

Harmonies

Analogous

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



86.6326, 85.9541, 77.9341



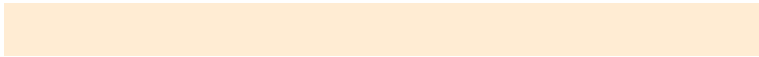
82.9933, 85.9541, 73.8446



79.1186, 85.9541, 74.7103

Triad

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



82.9933, 85.9541, 73.8446



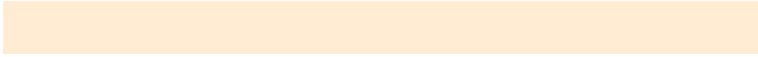
74.8073, 85.9541, 101.2524



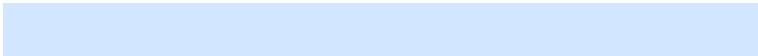
87.6384, 85.9541, 108.1453

Complementary

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



82.9933, 85.9541, 73.8446



73.2100, 77.6602, 105.7391

Split Complementary

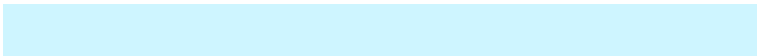
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3304, 85.9541, 115.4078



82.9933, 85.9541, 73.8446



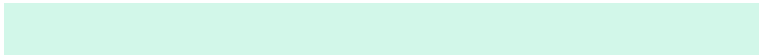
76.9521, 85.9541, 111.2122

Square

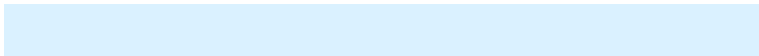
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9933, 85.9541, 73.8446



74.4752, 85.9541, 89.9442



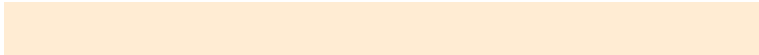
80.4139, 85.9541, 116.5730



89.3707, 85.9541, 97.3318

Rectangle

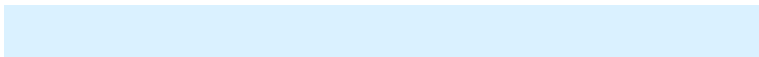
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9933, 85.9541, 73.8446



76.9186, 85.9541, 78.0084



80.4139, 85.9541, 116.5730



86.6689, 85.9541, 111.1182

Sweetspot

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



82.9954, 85.9578, 73.8464



91.3338, 95.7442, 97.8681



78.8272, 73.5664, 84.9579



19.4406, 20.3678, 20.6284



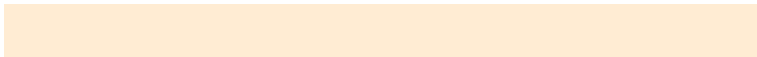
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



82.9954, 85.9578, 73.8464



80.6593, 83.1456, 67.3338



87.6872, 96.9312, 75.7172



18.8662, 19.7006, 18.9526



26.9843, 21.9799, 2.8203



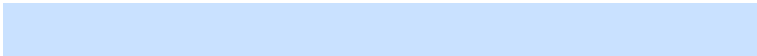
2.7360, 2.3573, 0.3108

Inverse Universe

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



73.2100, 77.6602, 105.7391



69.0669, 73.3166, 105.1190



69.0573, 68.0958, 104.1118



17.6479, 18.6674, 22.9230



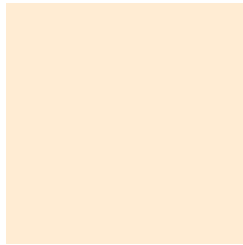
12.4913, 9.8921, 50.6856



1.3223, 1.1753, 4.9704

Previews

White Background



This preview shows how the XYZ color 82.9933, 85.9541, 73.8446 looks on a white background.

Color Contrast Check

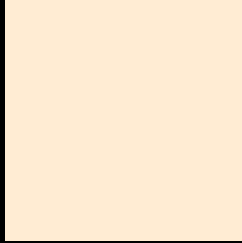
Large Text (above 18pt) WCAG AA × Fail

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 82.9933, 85.9541, 73.8446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

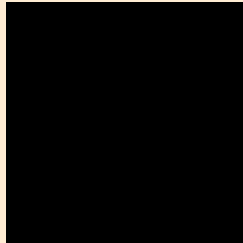
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

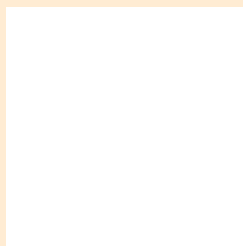
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.9933, 85.9541, 73.8446

Background



This preview shows how black text looks on a background with the XYZ color 82.9933, 85.9541, 73.8446.



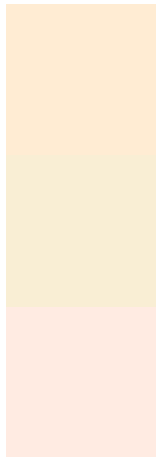
This preview shows how white text looks on a background with the XYZ color 82.9933, 85.9541,

73.8446.

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

82.9933, 85.9541, 73.8446

Protanopia

81.5251, 86.0423, 74.5983

Deuteranopia

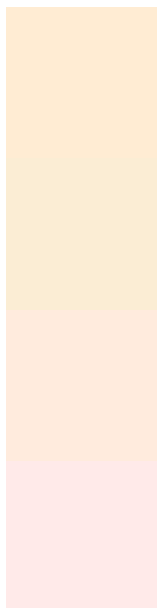
84.6758, 86.1676, 84.1206



Tritanopia

87.0135, 86.1916, 99.2393

Trichromacy



Original Color

82.9933, 85.9541, 73.8446

Protanomaly

81.9515, 85.8311, 74.5351

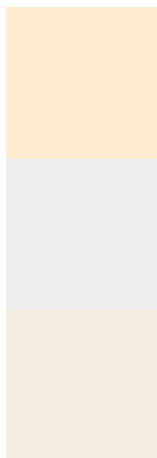
Deuteranomaly

83.9995, 85.8971, 80.5592

Tritanomaly

85.3708, 85.9888, 89.1888

Monochromacy



Original Color

82.9933, 85.9541, 73.8446

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.3736, 86.2187, 86.4291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9933, 85.9541, 73.8446 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(255, 236, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 211)  
}
```

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(255, 236, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 211) }
```

Border

The CSS property to change the border of an element to XYZ 82.9933, 85.9541, 73.8446 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(255, 236, 211) }
```


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

```
.border{ border-color:rgb(255, 236, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9933, 85.9541, 73.8446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 211) }
```

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

```
.background{ background-color: rgb(255,  
236, 211) }
```

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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