

Converting Colors

XYZ(73.7516, 84.6219, 68.9470)

Have a look what the booklet for
XYZ(73.7516, 84.6219, 68.9470)
contains.

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Color

**XYZ(73.8706, 84.8605,
68.9862)**

Conversions

Conversions Part 1

Format	Color
Hex	E0F4CB
RGB	224, 244, 203
RGB Percent	88%, 96%, 80%
CMY	0.1216, 0.0431, 0.2039
CMYK	0.08, 0.00, 0.17, 0.04
HSL	89°, 65%, 88%
HSV	89°, 17%, 96%
XYZ	73.8706, 84.8605, 68.9862
YIQ	233.3460, 1.2410, -16.9910

Conversions

Conversions Part 2

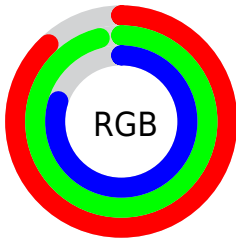
Format	Color
R _Y B	203, 244, 223
Decimal	14742731
CIE Lab	93.82, -13.67, 17.57
CIE LCh	94, 22.263, 127.875
Yxy	84.8605, 0.3244, 0.3727
Android (android.graphics.Color)	4292932811 (0xFFE0F4CB)
YUV	233.3460, -14.9606, -8.1964
Hunter-Lab	92.1198, -18.0709, 20.0830

Details

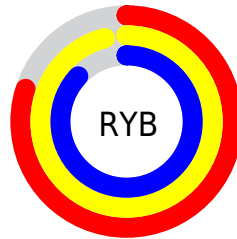
The XYZ color **73.8706, 84.8605, 68.9862** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.1200, 64.9339, 94.5358**, and the grayscale version is **77.8233, 81.8762, 89.1632**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7702, 46.5714, 35.3268** is the 20% darker color. If you saturate the color by 10%, you get **67.6280, 81.9548, 54.6912**, and if you desaturate by 10%, it is **80.8339, 88.0899, 85.7073**.

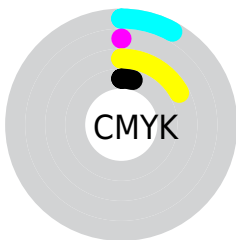
Distribution



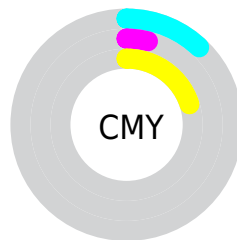
- Red (88%)
- Green (96%)
- Blue (80%)



- Red (80%)
- Yellow (96%)
- Blue (87%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (4%)





- Cyan (12%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8706, 84.8605, 68.9862 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 73.8706, 84.8605, 68.9862 by changing the saturation by 10% instead.

 73.8706, 84.8605,
68.9862

 73.8706, 84.8605,
68.9862


463.0839,
511.1664, 475.6749

 54.9790, 63.7261,
50.2288


123.7088,
140.1783, 119.4294

 39.6187, 46.4289,
35.2228


155.3862,
175.1304, 151.9522

 27.4243, 32.5844,
23.5496


192.0563,
215.4573, 189.9006

 18.0304, 21.8083,
14.7907

234.0844,
261.5433, 233.6931

 11.0716, 13.7161,
8.5277

281.8358,
313.7728, 283.7483

 6.1827, 7.9235,
4.3418

335.6759,

 2.9982, 4.0460,

372.5302, 340.4846

1.8147

395.9702,
438.2000, 404.3206

■ 1.1528, 1.6993,
0.4376

■ 0.0686, 0.4232,
0.0000

■ 73.8706, 84.8605,
68.9862

■ 73.8706, 84.8605,
68.9862

■ 67.6280, 81.9548,
54.6912

■ 80.8339, 88.0899,
85.7073

■ 62.0725, 79.3504,
42.7042

■ 88.5360, 91.6424,
104.9544

■ 57.1781, 77.0391,
32.9053

■ 91.6424, 93.1849,
107.7641

■ 52.9139, 75.0078,
25.1616

■ 49.2462, 73.2424,
19.3260

■ 46.1374, 71.7271,
15.2316

■ 43.5441, 70.4439,
12.6827

■ 41.4126, 69.3706,
11.4311

■ 40.8040, 69.0618,
11.1797

Harmonies

Analogous

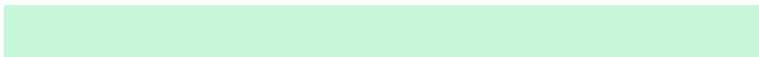
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1083, 84.8605, 63.7287



73.8706, 84.8605, 68.9862



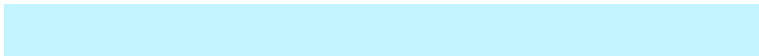
70.5680, 84.8605, 80.6591

Triad

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



73.8706, 84.8605, 68.9862



76.4467, 84.8605, 125.9977



92.4633, 84.8605, 88.0051

Complementary

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



73.8706, 84.8605, 68.9862



68.1200, 64.9339, 94.5358

Split Complementary

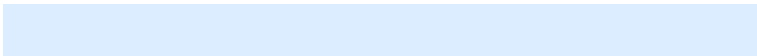
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.6653, 84.8605, 105.2253



73.8706, 84.8605, 68.9862



82.2265, 84.8605, 128.5887

Square

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



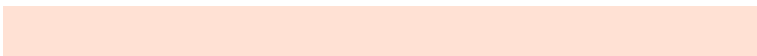
73.8706, 84.8605, 68.9862



72.0039, 84.8605, 113.8867



87.8476, 84.8605, 120.5864



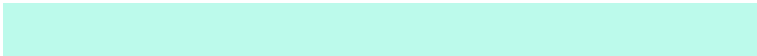
89.9778, 84.8605, 73.7993

Rectangle

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



73.8706, 84.8605, 68.9862



69.8113, 84.8605, 91.1952



87.8476, 84.8605, 120.5864



92.5723, 84.8605, 93.6127

Sweetspot

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



73.8729, 84.8642, 68.9880



90.8130, 98.0451, 98.3396



74.4297, 76.2255, 67.2913



19.3138, 20.9284, 20.7433



0.0000, 0.0000, 0.0000



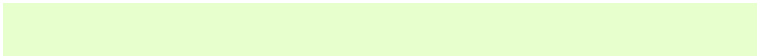
20.3446, 21.4041, 23.3091

Same Dimension

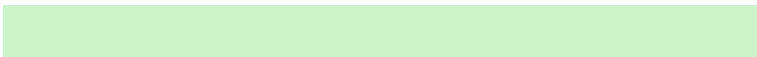
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8729, 84.8642, 68.9880



79.3301, 92.7222, 70.8428



67.9478, 81.8097, 68.7108



17.0915, 18.8892, 17.5427



22.3443, 37.6317, 6.0860



2.0825, 3.3686, 0.5405

Inverse Universe

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



68.1200, 64.9339, 94.5358



71.9183, 67.0443, 103.7581



74.7599, 68.3569, 94.8465



16.3509, 16.3235, 20.8315



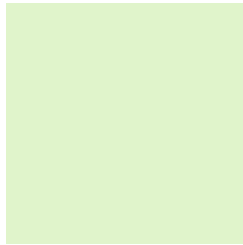
13.1755, 5.7665, 46.9567



1.2762, 0.5678, 4.1326

Previews

White Background



This preview shows how the XYZ color 73.8706, 84.8605, 68.9862 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 73.8706, 84.8605, 68.9862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

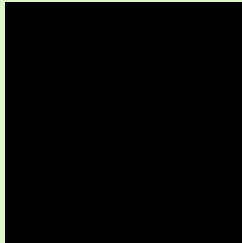
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

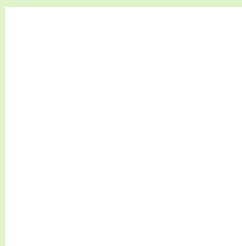
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.8706, 84.8605, 68.9862

Background



This preview shows how black text looks on a background with the XYZ color 73.8706, 84.8605, 68.9862.

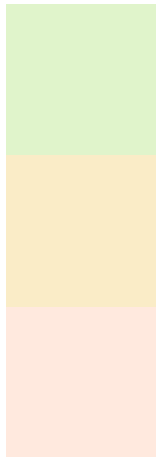


This preview shows how white text looks on a background with the XYZ color 73.8706, 84.8605,

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

73.8706, 84.8605, 68.9862

Protanopia

79.7286, 84.4384, 66.1289

Deuteranopia

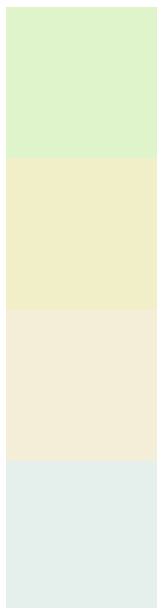
83.5637, 84.8118, 81.0733



Tritanopia

81.6129, 84.9442, 106.7021

Trichromacy



Original Color

73.8706, 84.8605, 68.9862

Protanomaly

77.5675, 84.6039, 66.8855

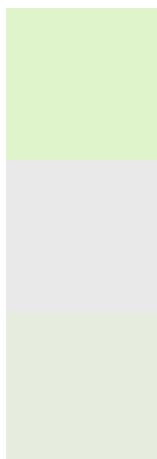
Deuteranomaly

79.8582, 84.7078, 76.4312

Tritanomaly

78.6135, 85.0343, 91.6268

Monochromacy



Original Color

73.8706, 84.8605, 68.9862

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.1021, 82.6653, 81.0522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8706, 84.8605, 68.9862 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(224, 244, 203)` looks like.

```
.text, #text, p{  
    color:rgb(224, 244, 203)  
}
```

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(224, 244, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 244, 203) }
```

Border

The CSS property to change the border of an element to XYZ 73.8706, 84.8605, 68.9862 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(224, 244, 203) }
```


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

```
.border{ border-color:rgb(224, 244, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 244, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 244, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 244, 203);  
box-shadow:4px 4px 4px 4px rgb(224, 244,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8706, 84.8605, 68.9862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 244, 203) }
```

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

```
.background{ background-color: rgb(224,  
244, 203) }
```

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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