

Converting Colors

XYZ(85.4301, 93.9218, 73.9477)

Have a look what the booklet for
XYZ(85.4301, 93.9218, 73.9477)
contains.

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Color

**XYZ(85.4301, 93.9218,
73.9477)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFBD1
RGB	250, 251, 209
RGB Percent	98%, 98%, 82%
CMY	0.0196, 0.0157, 0.1804
CMYK	0.00, 0.00, 0.17, 0.02
HSL	61°, 84%, 90%
HSV	61°, 17%, 98%
XYZ	85.4301, 93.9218, 73.9477
YIQ	245.9130, 12.8860, -13.2740

Conversions

Conversions Part 2

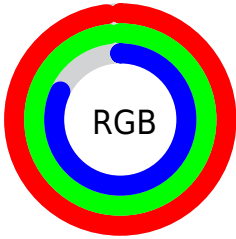
Format	Color
R _Y B	209, 251, 210
Decimal	16448465
CIE Lab	97.60, -7.12, 20.06
CIE LCh	98, 21.290, 109.548
Yxy	93.9218, 0.3373, 0.3708
Android (android.graphics.Color)	4294638545 (0xFFFAFBD1)
YUV	245.9130, -18.1981, 3.5843
Hunter-Lab	96.9133, -12.2485, 22.5992

Details

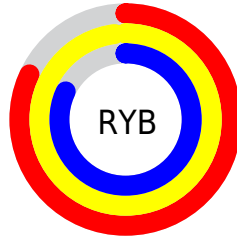
The XYZ color **85.4301, 93.9218, 73.9477** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.7951, 66.2702, 100.5429**, and the grayscale version is **87.6644, 92.2298, 100.4382**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3402, 52.7008, 38.2490** is the 20% darker color. If you saturate the color by 10%, you get **82.3501, 92.6681, 58.8397**, and if you desaturate by 10%, it is **89.0055, 95.3800, 91.6384**.

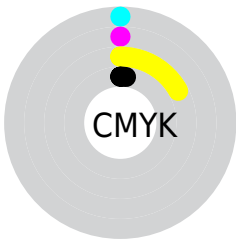
Distribution



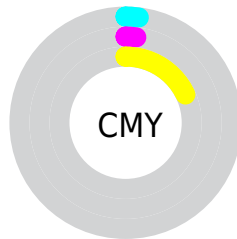
- Red (98%)
- Green (98%)
- Blue (82%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.4301, 93.9218, 73.9477 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 85.4301, 93.9218, 73.9477 by changing the saturation by 10% instead.


 85.4301, 93.9218,
73.9477

 85.4301, 93.9218,
73.9477


501.5124,
540.7075, 493.4514

 64.5205, 71.2379,
54.2547

139.8849,
152.7742, 126.5550

 47.3356, 52.5364,
38.4108


174.1607,
189.7115, 160.3064

 33.5101, 37.4328,
25.9974


213.6228,
232.1687, 199.5811

 22.6786, 25.5428,
16.5959

258.6363,
280.5302, 244.7975

 14.4758, 16.4819,
9.7879

309.5667,
335.1805, 296.3741

 8.5362, 9.8658,
5.1548

366.7792,

 4.4946, 5.3101,

396.5038, 354.7297

2.2780

430.6394,
464.8847, 420.2826

■ 1.9856, 2.4303,
0.7189

■ 0.6258, 0.8414,
0.0000

■ 85.4301, 93.9218,
73.9477

■ 85.4301, 93.9218,
73.9477

■ 82.3501, 92.6681,
58.8397

■ 89.0055, 95.3800,
91.6384

■ 79.7351, 91.5973,
46.1879

■ 92.4058, 96.7652,
108.4150


■ 77.5629, 90.7038,
35.8644


■ 92.6229, 96.8771,
108.4251


■ 75.8065, 89.9766,
27.7270


■ 92.8407, 96.9893,
108.4353


 74.4361, 89.4039,
21.6185


 93.0591, 97.1020,
108.4456


 73.4177, 88.9722,
17.3601


 93.2783, 97.2149,
108.4558


 72.7116, 88.6653,
14.7426

 93.4981, 97.3283,
108.4661

 72.2676, 88.4634,
13.5016

 93.7187, 97.4420,
108.4764

 72.1542, 88.4102,
13.2619

 93.7891, 97.4783,
108.4797

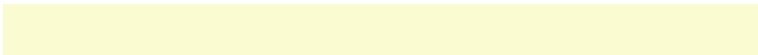
Harmonies

Analogous

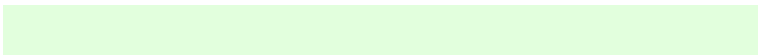
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3990, 93.9218, 72.8504



85.4301, 93.9218, 73.9477



80.6990, 93.9218, 82.1180

Triad

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



85.4301, 93.9218, 73.9477



81.9260, 93.9218, 129.7984



101.2176, 93.9218, 108.4348

Complementary

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



85.4301, 93.9218, 73.9477



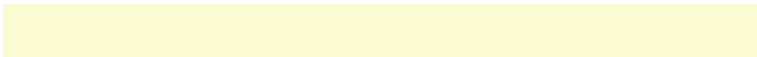
66.7951, 66.2702, 100.5429

Split Complementary

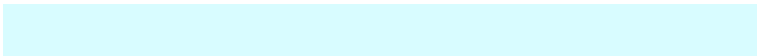
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.4270, 93.9218, 125.4636



85.4301, 93.9218, 73.9477



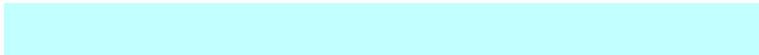
87.1740, 93.9218, 138.6907

Square

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



85.4301, 93.9218, 73.9477



78.7401, 93.9218, 113.8339



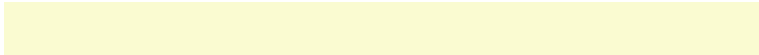
93.2230, 93.9218, 137.0204



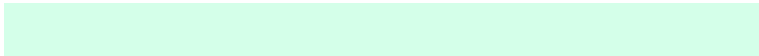
100.6988, 93.9218, 91.5075

Rectangle

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



85.4301, 93.9218, 73.9477



78.7979, 93.9218, 91.0491



93.2230, 93.9218, 137.0204



100.6307, 93.9218, 114.3658

Sweetspot

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



85.4326, 93.9259, 73.9497



92.9524, 99.1480, 98.4398



74.2679, 71.0602, 70.1246



19.8348, 21.1970, 20.7676



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

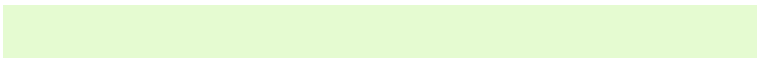
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4326, 93.9259, 73.9497



87.4513, 96.9088, 71.2228



78.4183, 90.3099, 73.6214



18.6839, 20.1683, 18.3705



37.9439, 46.4791, 6.9715



3.5269, 4.3113, 0.6463

Inverse Universe

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



66.7951, 66.2702, 100.5429



64.8807, 63.4163, 103.4287



73.0742, 69.5071, 100.8368



16.3214, 16.6628, 21.7413



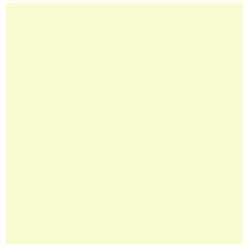
9.2093, 3.6903, 48.2005



0.8660, 0.3485, 4.4648

Previews

White Background



This preview shows how the XYZ color 85.4301, 93.9218, 73.9477 looks on a white background.

Color Contrast Check

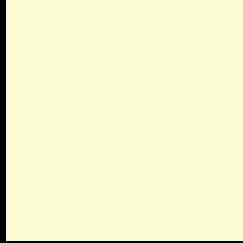
Large Text (above 18pt) WCAG AA × Fail

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 85.4301, 93.9218, 73.9477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

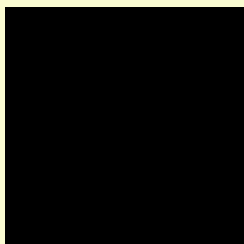
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

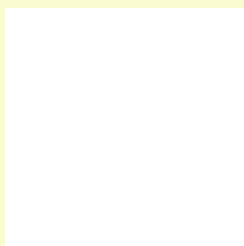
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.4301, 93.9218, 73.9477

Background



This preview shows how black text looks on a background with the XYZ color 85.4301, 93.9218, 73.9477.



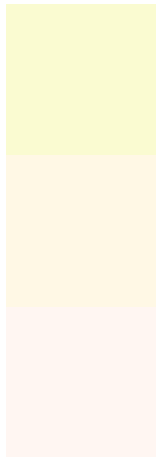
This preview shows how white text looks on a background with the XYZ color 85.4301, 93.9218,

73.9477.

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

85.4301, 93.9218, 73.9477

Protanopia

88.9503, 94.0519, 87.5944

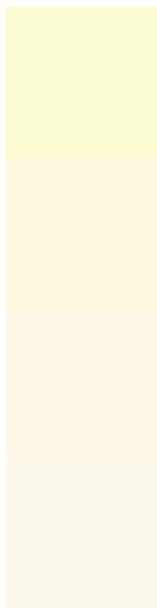
Deuteranopia

90.2228, 93.5823, 97.3123

Tritanopia

91.1507, 93.8270, 107.9140

Trichromacy



Original Color

85.4301, 93.9218, 73.9477

Protanomaly

87.5685, 93.9079, 82.6179

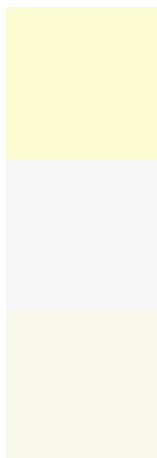
Deuteranomaly

88.3583, 93.7306, 88.2977

Tritanomaly

88.7837, 93.8171, 94.3180

Monochromacy



Original Color

85.4301, 93.9218, 73.9477

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.6332, 92.7922, 90.4354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4301, 93.9218, 73.9477 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(250, 251, 209)` looks like.

```
.text, #text, p{  
    color:rgb(250, 251, 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(250, 251, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 251, 209) }
```

Border

The CSS property to change the border of an element to XYZ 85.4301, 93.9218, 73.9477 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(250, 251, 209) }
```


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

```
.border{ border-color:rgb(250, 251, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 251, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 251, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 251, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 251,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4301, 93.9218, 73.9477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 251, 209) }
```

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

```
.background{ background-color: rgb(250,  
251, 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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