

Converting Colors

XYZ(85.4130, 94.0430, 73.1688)

Have a look what the booklet for
XYZ(85.4130, 94.0430, 73.1688)
contains.

XYZ(85.3067, 93.8724, 73.2976)	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(85.3067, 93.8724,
73.2976)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFBDD
RGB	250, 251, 208
RGB Percent	98%, 98%, 82%
CMY	0.0196, 0.0157, 0.1843
CMYK	0.00, 0.00, 0.17, 0.02
HSL	61°, 84%, 90%
HSV	61°, 17%, 98%
XYZ	85.3067, 93.8724, 73.2976
YIQ	245.7990, 13.2070, -13.5850

Conversions

Conversions Part 2

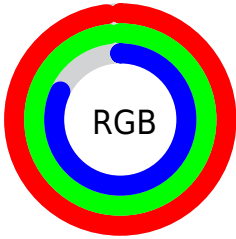
Format	Color
R_{YB}	208, 251, 209
Decimal	16448464
CIE _{Lab}	97.58, -7.27, 20.55
CIE _{LCh}	98, 21.794, 109.487
Yxy	93.8724, 0.3379, 0.3718
Android (android.graphics.Color)	4294638544 (0xFFFAFBD0)
YUV	245.7990, -18.6349, 3.6843
Hunter-Lab	96.8878, -12.3898, 22.9673

Details

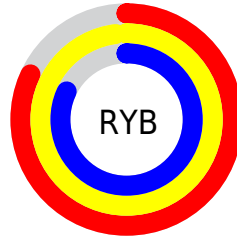
The XYZ color **85.3067, 93.8724, 73.2976** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **66.2666, 65.6346, 100.4480**, and the grayscale version is **87.5754, 92.1362, 100.3363**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2572, 52.6676, 37.8121** is the 20% darker color. If you saturate the color by 10%, you get **82.2508, 92.6289, 58.2901**, and if you desaturate by 10%, it is **88.8570, 95.3200, 90.8831**.

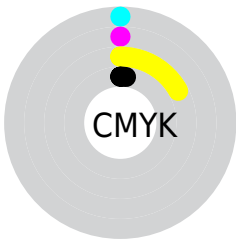
Distribution



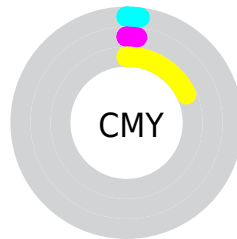
- Red (98%)
- Green (98%)
- Blue (82%)



- 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 85.3067, 93.8724, 73.2976 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 85.3067, 93.8724, 73.2976 by changing the saturation by 10% instead.


 85.3067, 93.8724,
73.2976

 85.3067, 93.8724,
73.2976


501.1108,
540.5488, 491.1440

 64.4182, 71.1968,
53.7260

139.7134,
152.7059, 125.6244

 47.2524, 52.5028,
37.9910


173.9623,
189.6325, 159.2168

 33.4440, 37.4060,
25.6739


213.3954,
232.0784, 198.3198

 22.6277, 25.5220,
16.3563

258.3780,
280.4278, 243.3521

 14.4380, 16.4664,
9.6195

309.2755,
335.0651, 294.7321

 8.5097, 9.8548,
5.0451

366.4532,

 4.4773, 5.3028,

396.3748, 352.8784

2.2146

430.2765,
464.7412, 418.2095

■ 1.9755, 2.4260,
0.6828

■ 0.6202, 0.8392,
0.0000

■ 85.3067, 93.8724,
73.2976

■ 85.3067, 93.8724,
73.2976

■ 82.2508, 92.6289,
58.2901

■ 88.8570, 95.3200,
90.8831

■ 79.6589, 91.5680,
45.7339


■ 92.3957, 96.7599,
108.4145


■ 77.5088, 90.6838,
35.5005


■ 92.6076, 96.8691,
108.4244


■ 75.7733, 89.9656,
27.4473


■ 92.8202, 96.9787,
108.4344


 74.4225, 89.4014,
21.4163


 93.0334, 97.0887,
108.4443


 73.4222, 88.9774,
17.2278


 93.2473, 97.1989,
108.4544


 72.7325, 88.6777,
14.6709

 93.4619, 97.3095,
108.4644

 72.3017, 88.4816,
13.4746

 93.6771, 97.4205,
108.4745

 72.2035, 88.4356,
13.2642

 93.7891, 97.4782,
108.4797

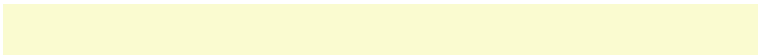
Harmonies

Analogous

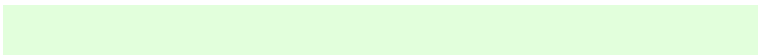
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4147, 93.8724, 72.1960



85.3067, 93.8724, 73.2976



80.4671, 93.8724, 81.6065

Triad

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



85.3067, 93.8724, 73.2976



81.7039, 93.8724, 130.4122



101.4587, 93.8724, 108.5649

Complementary

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



85.3067, 93.8724, 73.2976



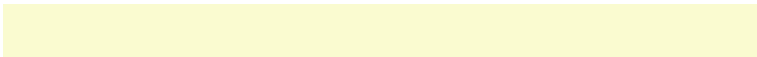
66.2666, 65.6346, 100.4480

Split Complementary

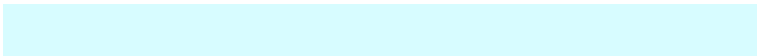
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.5919, 93.8724, 126.0211



85.3067, 93.8724, 73.2976



87.0664, 93.8724, 139.5690

Square

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



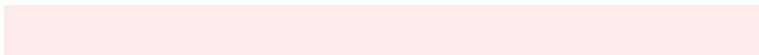
85.3067, 93.8724, 73.2976



78.4547, 93.8724, 114.0229



93.2572, 93.8724, 137.8750



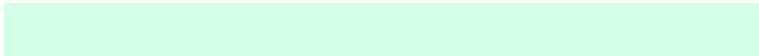
100.9340, 93.8724, 91.2446

Rectangle

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



85.3067, 93.8724, 73.2976



78.5217, 93.8724, 90.7131



93.2572, 93.8724, 137.8750



100.8547, 93.8724, 114.6418

Sweetspot

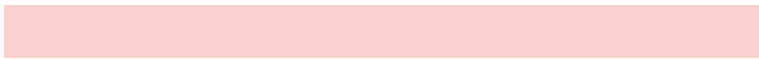
The Sweet Spot groups the original color and five complimentary colors.



85.3092, 93.8765, 73.2996



92.9550, 99.1493, 98.4399



73.9029, 70.5277, 69.3940



19.8355, 21.1974, 20.7677



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.



85.3092, 93.8765, 73.2996



87.1366, 96.7816, 69.6244



78.1299, 90.1755, 72.9636



18.6849, 20.1689, 18.3706



37.9695, 46.4923, 6.9727



3.5290, 4.3124, 0.6464

Inverse Universe

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



66.2666, 65.6346, 100.4480



63.5892, 61.8581, 103.1960



72.6740, 68.9378, 100.7479



16.3205, 16.6624, 21.7413



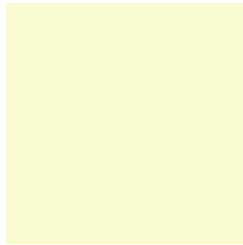
9.2080, 3.6896, 48.2004



0.8656, 0.3483, 4.4648

Previews

White Background



This preview shows how the XYZ color 85.3067, 93.8724, 73.2976 looks on a white background.

Color Contrast Check

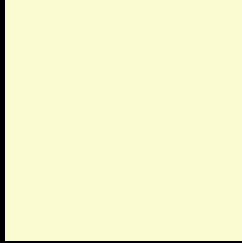
Large Text (above 18pt) WCAG AA × Fail

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 85.3067, 93.8724, 73.2976 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 85.3067, 93.8724, 73.2976

Background



This preview shows how black text looks on a background with the XYZ color 85.3067, 93.8724, 73.2976.



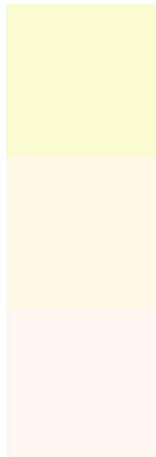
This preview shows how white text looks on a background with the XYZ color 85.3067, 93.8724,

73.2976.

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

85.3067, 93.8724, 73.2976

Protanopia

88.8110, 93.9962, 86.8610

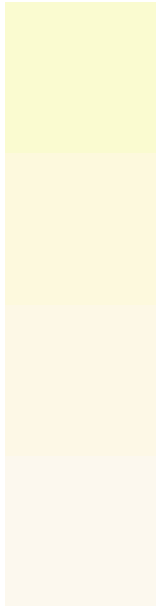
Deuteranopia

90.2228, 93.5823, 97.3123

Tritanopia

91.5138, 94.0142, 107.9310

Trichromacy



Original Color

85.3067, 93.8724, 73.2976

Protanomaly

87.4348, 93.8545, 81.9140

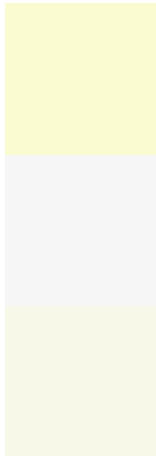
Deuteranomaly

88.3583, 93.7306, 88.2977

Tritanomaly

89.1449, 94.0033, 94.3349

Monochromacy



Original Color

85.3067, 93.8724, 73.2976

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.4907, 92.7352, 89.6851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3067, 93.8724, 73.2976 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(250, 251, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 251, 208) }
```

Border

The CSS property to change the border of an element to XYZ 85.3067, 93.8724, 73.2976 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, 208) }
```


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

```
.border{ border-color:rgb(250, 251, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 251, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 251, 208);  
box-shadow:4px 4px 4px 4px rgb(250, 251,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3067, 93.8724, 73.2976 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, 208) }
```

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

```
.background{ background-color: rgb(250,  
251, 208) }
```

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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