

Converting Colors

XYZ(92.9758, 96.3133, 72.1371)

Have a look what the booklet for
XYZ(92.9758, 96.3133, 72.1371)
contains.

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Color

**XYZ(85.9480, 92.8510,
71.7846)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF8CE
RGB	255, 248, 206
RGB Percent	100%, 97%, 81%
CMY	0.0000, 0.0274, 0.1921
CMYK	0.00, 0.03, 0.19, 0.00
HSL	51°, 100%, 90%
HSV	51°, 19%, 100%
XYZ	85.9480, 92.8510, 71.7846
YIQ	245.3050, 17.6540, -11.5780

Conversions

Conversions Part 2

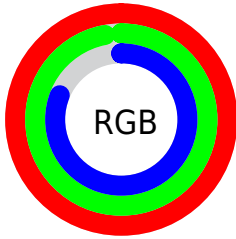
Format	Color
RYB	214, 255, 206
Decimal	16775374
CIELab	97.17, -4.28, 21.05
CIELCh	97, 21.478, 101.501
Yxy	92.8510, 0.3430, 0.3705
Android (android.graphics.Color)	4294965454 (0xFFFFF8CE)
YUV	245.3050, -19.3774, 8.5025
Hunter-Lab	96.3592, -9.4148, 23.2823

Details

The XYZ color **85.9480, 92.8510, 71.7846** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.2973, 67.9285, 104.1723**, and the grayscale version is **87.1797, 91.7198, 99.8829**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8058, 51.9720, 37.2177** is the 20% darker color. If you saturate the color by 10%, you get **81.9905, 89.4979, 56.4021**, and if you desaturate by 10%, it is **90.4342, 96.4566, 89.8252**.

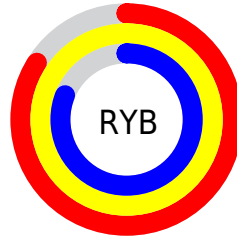
Distribution



Red (100%)

Green (97%)

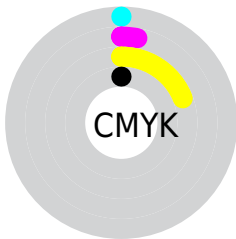
Blue (81%)



Red (84%)

Yellow (100%)

Blue (81%)

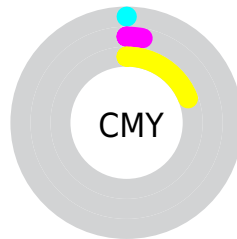


Cyan (0%)

Magenta (3%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.9480, 92.8510, 71.7846 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 85.9480, 92.8510, 71.7846 by changing the saturation by 10% instead.


 85.9480, 92.8510,
71.7846

 85.9480, 92.8510,
71.7846


503.1963,
537.2621, 485.7489

 64.9501, 70.3477,
52.4970


140.6041,
151.2923, 123.4551

 47.6852, 51.8100,
37.0164


174.9931,
187.9991, 156.6751

 33.7878, 36.8537,
24.9243


214.5764,
230.2091, 195.3762

 22.8928, 25.0942,
15.8022

259.7194,
278.3068, 239.9771

 14.6346, 16.1473,
9.2314

310.7876,
332.6765, 290.8963

 8.6480, 9.6284,
4.7936

368.1462,

 4.5676, 5.1533,

393.7027, 348.5523

2.0700

432.1607,
461.7698, 413.3636

■ 2.0280, 2.3375,
0.5979

■ 0.6496, 0.7934,
0.0000

■ 85.9480, 92.8510,
71.7846

■ 85.9480, 92.8510,
71.7846

■ 81.9905, 89.4979,
56.4021

■ 90.4342, 96.4566,
89.8252

■ 78.5310, 86.3756,
43.5444

95.0500, 100.0000,
108.9000

■ 75.5453, 83.4771,
33.0753

■ 73.0045, 80.7909,
24.8437

■ 70.8765, 78.3038,
18.6810

■ 69.1246, 76.0010,
14.3948

■ 67.7054, 73.8649,
11.7565

■ 66.5533, 71.8691,
10.4219

■ 66.4679, 71.7159,
10.3393

Harmonies

Analogous

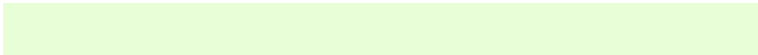
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0028, 92.8510, 72.6273



85.9480, 92.8510, 71.7846



80.7504, 92.8510, 78.0989

Triad

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



85.9480, 92.8510, 71.7846



79.8059, 92.8510, 124.8754



99.7756, 92.8510, 112.0664

Complementary

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



85.9480, 92.8510, 71.7846



67.2973, 67.9285, 104.1723

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.



96.2045, 92.8510, 128.2220



85.9480, 92.8510, 71.7846



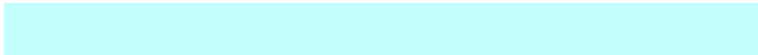
84.6047, 92.8510, 136.1811

Square

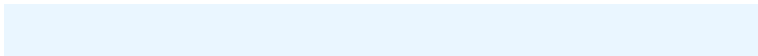
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.9480, 92.8510, 71.7846



77.3142, 92.8510, 107.9032



90.5970, 92.8510, 137.4716



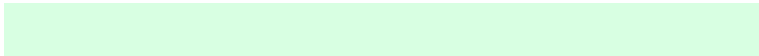
100.1758, 92.8510, 94.5870

Rectangle

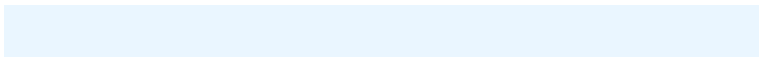
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.9480, 92.8510, 71.7846



78.3983, 92.8510, 85.9908



90.5970, 92.8510, 137.4716



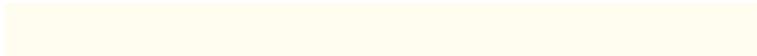
98.8988, 92.8510, 117.8806

Sweetspot

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



85.9501, 92.8550, 71.7866



91.9909, 97.6680, 96.2080



75.3667, 70.2256, 72.7677



19.6212, 20.8518, 20.3099



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

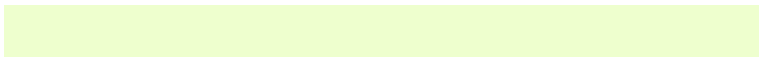
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.9501, 92.8550, 71.7866



84.3910, 91.5561, 65.6579



82.1106, 94.1276, 72.2346



19.3272, 20.6226, 19.1062



34.8156, 37.6425, 5.4307



3.4478, 3.7809, 0.5481

Inverse Universe

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



67.2973, 67.9285, 104.1723



62.6708, 62.5322, 103.3746



70.5999, 67.0756, 103.8336



17.2121, 17.7959, 22.7777



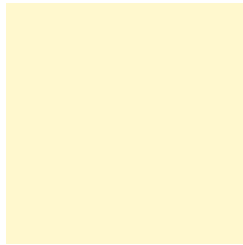
9.8303, 4.5702, 49.7986



1.0171, 0.5649, 4.8687

Previews

White Background



This preview shows how the XYZ color 85.9480, 92.8510, 71.7846 looks on a white background.

Color Contrast Check

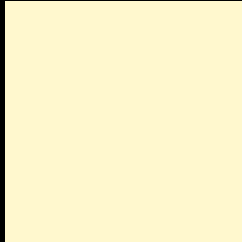
Large Text (above 18pt) WCAG AA × Fail

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 85.9480, 92.8510, 71.7846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

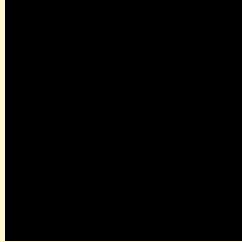
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.9480, 92.8510, 71.7846

Background



This preview shows how black text looks on a background with the XYZ color 85.9480, 92.8510, 71.7846.



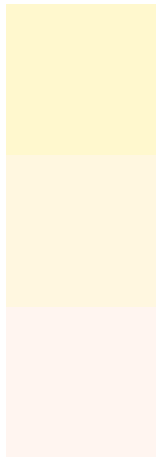
This preview shows how white text looks on a background with the XYZ color 85.9480, 92.8510,

71.7846.

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

85.9480, 92.8510, 71.7846

Protanopia

87.9553, 93.1633, 83.8676

Deuteranopia

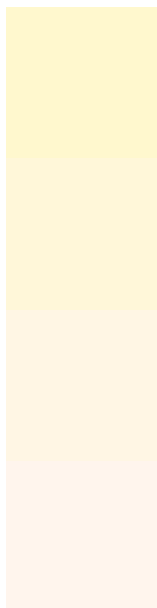
89.6206, 92.8561, 95.6376



Tritanopia

91.4801, 93.1171, 106.9178

Trichromacy



Original Color

85.9480, 92.8510, 71.7846

Protanomaly

87.0251, 92.7913, 78.9694

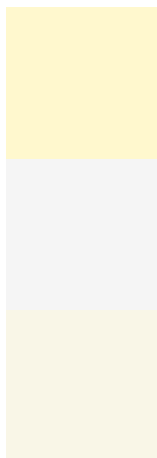
Deuteranomaly

88.1994, 92.7730, 86.6572

Tritanomaly

89.1785, 92.6792, 93.3094

Monochromacy



Original Color

85.9480, 92.8510, 71.7846

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.4465, 91.8208, 88.7683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.9480, 92.8510, 71.7846 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, 248, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 206)  
}
```

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, 248, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 206) }
```

Border

The CSS property to change the border of an element to XYZ 85.9480, 92.8510, 71.7846 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, 248, 206) }
```


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

```
.border{ border-color:rgb(255, 248, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 85.9480, 92.8510, 71.7846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 206) }
```

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

```
.background{ background-color: rgb(255,  
248, 206) }
```

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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