

Converting Colors

XYZ(83.3313, 91.4308, 74.8839)

Have a look what the booklet for
XYZ(83.3313, 91.4308, 74.8839)
contains.

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Color

**XYZ(83.3313, 91.4308,
74.8839)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F8D3
RGB	246, 248, 211
RGB Percent	96%, 97%, 83%
CMY	0.0353, 0.0274, 0.1725
CMYK	0.01, 0.00, 0.15, 0.03
HSL	63°, 73%, 90%
HSV	63°, 15%, 97%
XYZ	83.3313, 91.4308, 74.8839
YIQ	243.1840, 10.6850, -11.9310

Conversions

Conversions Part 2

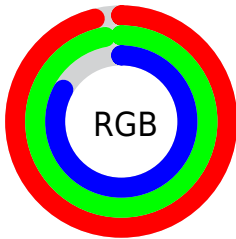
Format	Color
RYB	211, 248, 213
Decimal	16185555
CIELab	96.59, -6.74, 17.58
CIELCh	97, 18.825, 110.980
Yxy	91.4308, 0.3338, 0.3662
Android (android.graphics.Color)	4294375635 (0xFFFF6F8D3)
YUV	243.1840, -15.8667, 2.4696
Hunter-Lab	95.6195, -11.7733, 20.5009

Details

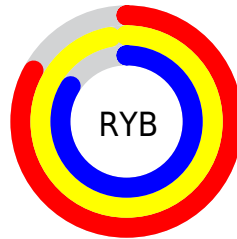
The XYZ color **83.3313, 91.4308, 74.8839** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.6817, 67.5145, 98.2763**, and the grayscale version is **85.4564, 89.9068, 97.9085**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0856, 51.0467, 38.8765** is the 20% darker color. If you saturate the color by 10%, you get **79.9902, 90.0431, 59.7308**, and if you desaturate by 10%, it is **87.1604, 93.0202, 92.5674**.

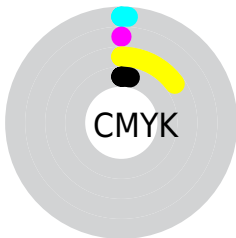
Distribution



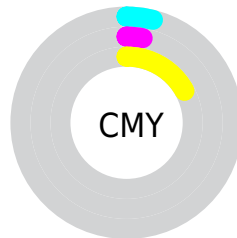
- Red (96%)
- Green (97%)
- Blue (83%)



- Red (83%)
- Yellow (97%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)





- Cyan (4%)
- Magenta (3%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.3313, 91.4308, 74.8839 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 83.3313, 91.4308, 74.8839 by changing the saturation by 10% instead.

 83.3313, 91.4308,
74.8839

 83.3313, 91.4308,
74.8839


494.6572,
532.6743, 496.7632

 62.7813, 69.1680,
55.0166


136.9655,
149.3243, 127.8936

 45.9223, 50.8485,
39.0163


170.7804,
185.7236, 161.8731

 32.3889, 36.0881,
26.4645


209.7477,
227.6040, 201.3937

 21.8157, 24.5022,
16.9426

254.2328,
275.3498, 246.8741

 13.8374, 15.7066,
10.0320

304.6009,
329.3453, 298.7327

 8.0886, 9.3168,
5.3143

361.2174,

 4.2040, 4.9484,

389.9749, 357.3880

2.3709

424.4478,
457.6231, 423.2587

■ 1.8182, 2.2170,
0.7705

■ 0.5286, 0.7292,
0.0000

■ 83.3313, 91.4308,
74.8839

■ 83.3313, 91.4308,
74.8839

■ 79.9902, 90.0431,
59.7308

■ 87.1604, 93.0202,
92.5674

■ 77.1079, 88.8364,
46.9869

■ 90.5754, 94.4412,
108.0629

■ 74.6632, 87.8050,
36.5297

■ 91.0554, 94.6887,
108.0853

■ 72.6304, 86.9388,
28.2236

■ 91.5389, 94.9379,
108.1080

70.9810, 86.2263,
21.9188

92.0258, 95.1889,
108.1308

69.6829, 85.6548,
17.4464

92.5161, 95.4417,
108.1537

68.6987, 85.2092,
14.6094

92.8593, 95.6186,
108.1698

67.9825, 84.8712,
13.1660

67.6871, 84.7270,
12.7865

Harmonies

Analogous

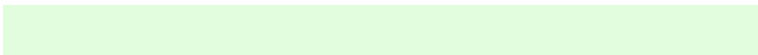
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4974, 91.4308, 73.5994



83.3313, 91.4308, 74.8839



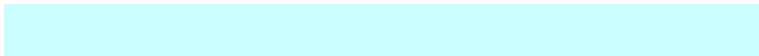
79.2794, 91.4308, 82.4080

Triad

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



83.3313, 91.4308, 74.8839



80.6892, 91.4308, 123.7934



97.2780, 91.4308, 104.1629

Complementary

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



83.3313, 91.4308, 74.8839



67.6817, 67.5145, 98.2763

Split Complementary

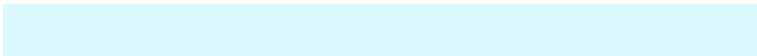
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.9987, 91.4308, 118.9240



83.3313, 91.4308, 74.8839



85.3263, 91.4308, 130.9855

Square

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



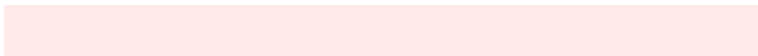
83.3313, 91.4308, 74.8839



77.7973, 91.4308, 110.2871



90.5737, 91.4308, 129.1189



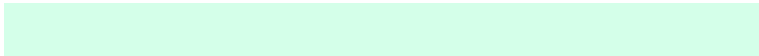
96.6912, 91.4308, 89.5383

Rectangle

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



83.3313, 91.4308, 74.8839



77.6874, 91.4308, 90.4086



90.5737, 91.4308, 129.1189



96.8183, 91.4308, 109.2933

Sweetspot

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



83.3337, 91.4348, 74.8859



93.2478, 99.2557, 100.4698



74.2288, 72.1750, 71.6482



19.8884, 21.2157, 21.1762



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

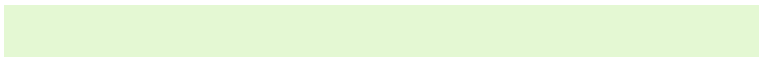
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.3337, 91.4348, 74.8859



87.6118, 96.9197, 74.4763



77.2126, 88.2793, 74.5994



18.6290, 20.1400, 18.3680



36.6021, 45.7874, 6.9087



3.4176, 4.2549, 0.6412

Inverse Universe

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



67.6817, 67.5145, 98.2763



67.9076, 66.8058, 103.9234



73.3085, 70.4152, 98.5397



16.3700, 16.6879, 21.7436



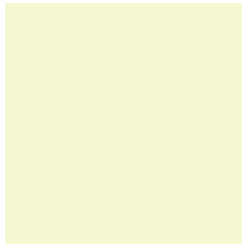
9.2808, 3.7271, 48.2038



0.8892, 0.3605, 4.4659

Previews

White Background



This preview shows how the XYZ color 83.3313, 91.4308, 74.8839 looks on a white background.

Color Contrast Check

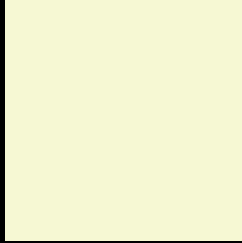
Large Text (above 18pt) WCAG AA × Fail

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 83.3313, 91.4308, 74.8839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

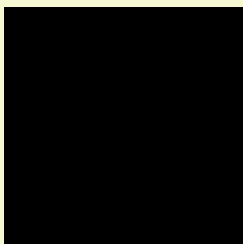
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

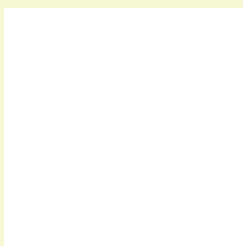
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.3313, 91.4308, 74.8839

Background



This preview shows how black text looks on a background with the XYZ color 83.3313, 91.4308, 74.8839.



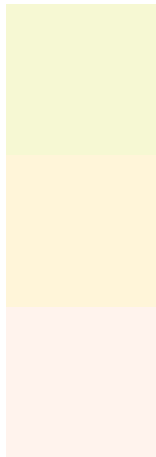
This preview shows how white text looks on a background with the XYZ color 83.3313, 91.4308,

74.8839.

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

83.3313, 91.4308, 74.8839

Protanopia

86.4168, 91.5746, 78.7666

Deuteranopia

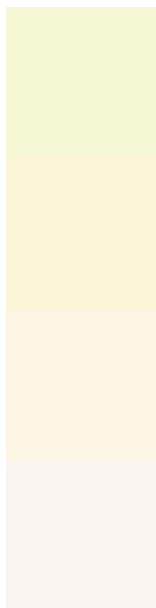
88.5767, 91.4756, 93.1088



Tritanopia

89.2265, 91.0483, 107.4791

Trichromacy



Original Color

83.3313, 91.4308, 74.8839

Protanomaly

85.3664, 91.5133, 77.4545

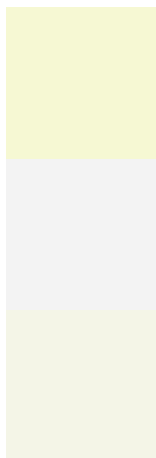
Deuteranomaly

86.8009, 91.6017, 86.5048

Tritanomaly

86.9976, 91.0731, 94.6550

Monochromacy



Original Color

83.3313, 91.4308, 74.8839

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.3844, 90.3074, 88.5848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3313, 91.4308, 74.8839 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(246, 248, 211)` looks like.

```
.text, #text, p{  
    color:rgb(246, 248, 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(246, 248, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 248, 211) }
```

Border

The CSS property to change the border of an element to XYZ 83.3313, 91.4308, 74.8839 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(246, 248, 211) }
```


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

```
.border{ border-color:rgb(246, 248, 211) }
```

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

Here you see how a box with a 4 pixel rgb(246, 248, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 248, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 248, 211);  
box-shadow:4px 4px 4px 4px rgb(246, 248,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 83.3313, 91.4308, 74.8839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 248, 211) }
```

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

```
.background{ background-color: rgb(246,  
248, 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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