

Converting Colors

XYZ(84.2071, 91.5744, 77.0305)

Have a look what the booklet for
XYZ(84.2071, 91.5744, 77.0305)
contains.

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Color

**XYZ(84.1098, 91.3330,
76.8143)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F7D6
RGB	248, 247, 214
RGB Percent	97%, 97%, 84%
CMY	0.0274, 0.0313, 0.1608
CMYK	0.00, 0.00, 0.14, 0.03
HSL	58°, 71%, 91%
HSV	58°, 14%, 97%
XYZ	84.1098, 91.3330, 76.8143
YIQ	243.5370, 11.1890, -10.0510

Conversions

Conversions Part 2

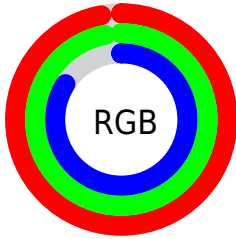
Format	Color
R_{YB}	215, 248, 214
Decimal	16316374
CIE _{Lab}	96.55, -5.08, 16.00
CIE _{LCh}	97, 16.791, 107.616
Yxy	91.3330, 0.3334, 0.3621
Android (android.graphics.Color)	4294506454 (0xFFFF8F7D6)
YUV	243.5370, -14.5617, 3.9141
Hunter-Lab	95.5683, -10.1464, 19.2427

Details

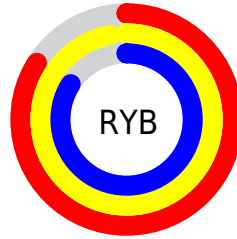
The XYZ color **84.1098, 91.3330, 76.8143** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.9753, 69.6732, 98.6207**, and the grayscale version is **85.7276, 90.1921, 98.2192**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3747, 50.8412, 40.1700** is the 20% darker color. If you saturate the color by 10%, you get **80.9601, 89.7217, 61.3100**, and if you desaturate by 10%, it is **87.7476, 93.1470, 94.8625**.

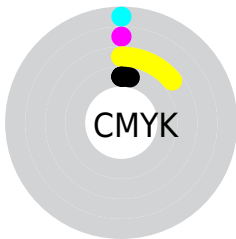
Distribution



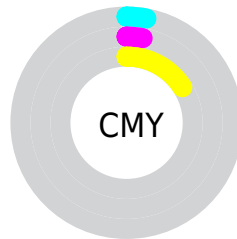
- Red (97%)
- Green (97%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)
- Black (3%)



- Cyan (3%)
- Magenta (3%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.1098, 91.3330, 76.8143 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 84.1098, 91.3330, 76.8143 by changing the saturation by 10% instead.

84.1098, 91.3330,
76.8143

84.1098, 91.3330,
76.8143

497.2059,
532.3576, 503.5515

63.4261, 69.0868,
56.5898

138.0492,
149.1886, 130.6479

46.4460, 50.7824,
40.2689

172.0357,
185.5668, 165.0942

32.8040, 36.0354,
27.4328

211.1871,
227.4244, 205.1181

22.1348, 24.4616,
17.6633

255.8688,
275.1458, 251.1382

14.0732, 15.6764,
10.5416

306.4462,
329.1154, 303.5730

8.2536, 9.2954,
5.6492

363.2846,

4.3108, 4.9344,

389.7177, 362.8412

2.5677

426.7494,
457.3369, 429.3611

■ 1.8794, 2.2088,
0.8757

■ 0.5648, 0.7248,
0.0000

■ 84.1098, 91.3330,
76.8143

■ 84.1098, 91.3330,
76.8143

■ 80.9601, 89.7217,
61.3100

■ 87.7476, 93.1470,
94.8625

■ 78.2694, 88.2923,
48.2294


■ 90.4701, 94.5933,
108.0978


■ 76.0166, 87.0395,
37.4510


■ 90.6942, 95.0415,
108.1725

■ 74.1765, 85.9531,
28.8409


■ 90.9192, 95.4916,
108.2475

 72.7208, 85.0219,
22.2512


 91.1451, 95.9433,
108.3228


 71.6180, 84.2332,
17.5156


 91.3719, 96.3968,
108.3984


 70.8315, 83.5724,
14.4413

 91.5995, 96.8520,
108.4742

 70.3167, 83.0216,
12.7934

 91.8280, 97.3090,
108.5504

 70.0910, 82.7151,
12.2714

 92.0573, 97.7677,
108.6269

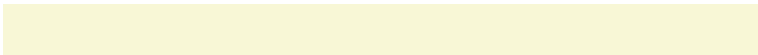
Harmonies

Analogous

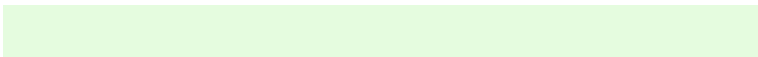
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7569, 91.3330, 76.3021



84.1098, 91.3330, 76.8143



80.3198, 91.3330, 83.0390

Triad

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



84.1098, 91.3330, 76.8143



80.8735, 91.3330, 119.7595



95.9147, 91.3330, 105.0862

Complementary

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



84.1098, 91.3330, 76.8143



68.9753, 69.6732, 98.6207

Split Complementary

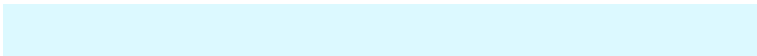
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.6392, 91.3330, 117.8835



84.1098, 91.3330, 76.8143



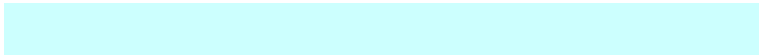
84.8903, 91.3330, 126.8525

Square

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



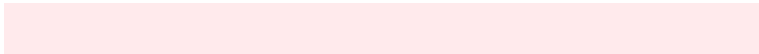
84.1098, 91.3330, 76.8143



78.4981, 91.3330, 107.4651



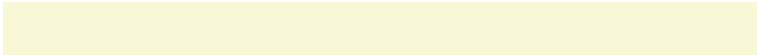
89.5659, 91.3330, 126.1366



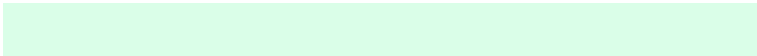
95.6873, 91.3330, 91.8363

Rectangle

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



84.1098, 91.3330, 76.8143



78.7382, 91.3330, 89.9354



89.5659, 91.3330, 126.1366



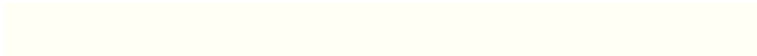
95.4138, 91.3330, 109.6048

Sweetspot

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



84.1122, 91.3370, 76.8163



93.3557, 99.1700, 100.4476



75.0420, 72.9640, 74.5095



19.9158, 21.1939, 21.1705



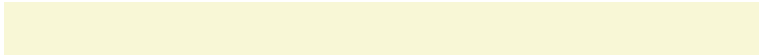
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

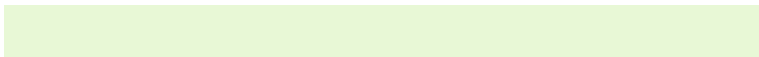
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1122, 91.3370, 76.8163



88.7834, 96.8857, 77.7738



79.0281, 89.1690, 76.6658



18.6813, 20.0984, 18.3572



37.8820, 44.7206, 6.6354



3.5219, 4.1686, 0.6190

Inverse Universe

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



68.9753, 69.6732, 98.6207



70.2409, 70.3481, 104.4842



73.5814, 71.6727, 98.7639



16.3238, 16.7243, 21.7531



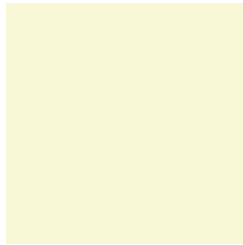
9.2127, 3.7810, 48.2178



0.8671, 0.3780, 4.4704

Previews

White Background



This preview shows how the XYZ color 84.1098, 91.3330, 76.8143 looks on a white background.

Color Contrast Check

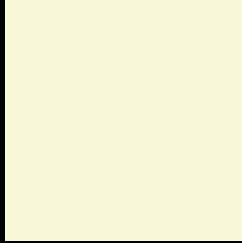
Large Text (above 18pt) WCAG AA × Fail

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 84.1098, 91.3330, 76.8143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

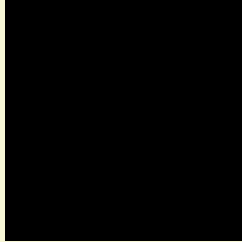
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.1098, 91.3330, 76.8143

Background



This preview shows how black text looks on a background with the XYZ color 84.1098, 91.3330, 76.8143.

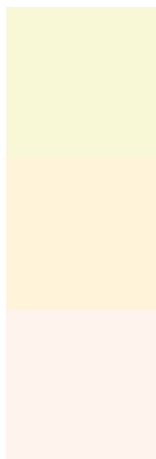


This preview shows how white text looks on a background with the XYZ color 84.1098, 91.3330,

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

84.1098, 91.3330, 76.8143

Protanopia

86.2456, 91.0233, 79.3533

Deuteranopia

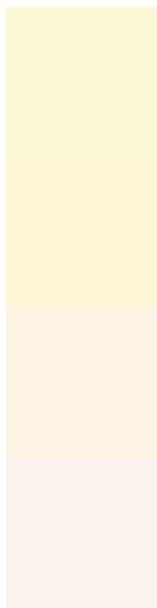
88.5767, 91.4756, 93.1088



Tritanopia

89.5858, 91.2335, 107.4959

Trichromacy



Original Color

84.1098, 91.3330, 76.8143

Protanomaly

85.3217, 91.0100, 78.7154

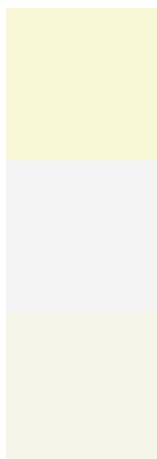
Deuteranomaly

86.6384, 91.0540, 87.1376

Tritanomaly

87.5032, 91.3166, 95.4520

Monochromacy



Original Color

84.1098, 91.3330, 76.8143

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.0166, 90.6005, 90.0976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1098, 91.3330, 76.8143 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(248, 247, 214) looks like.

```
.text, #text, p{  
    color:rgb(248, 247, 214)  
}
```

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(248, 247, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 247, 214) }
```

Border

The CSS property to change the border of an element to XYZ 84.1098, 91.3330, 76.8143 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(248, 247, 214) }
```


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

```
.border{ border-color:rgb(248, 247, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 247, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 247, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 247, 214);  
box-shadow:4px 4px 4px 4px rgb(248, 247,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1098, 91.3330, 76.8143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 247, 214) }
```

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

```
.background{ background-color: rgb(248,  
247, 214) }
```

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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