

Converting Colors

XYZ(84.9681, 91.9855, 88.1448)

Have a look what the booklet for
XYZ(84.9681, 91.9855, 88.1448)
contains.

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Color

**XYZ(84.8125, 91.9027,
88.1318)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F8E6
RGB	243, 248, 230
RGB Percent	95%, 97%, 90%
CMY	0.0471, 0.0274, 0.0980
CMYK	0.02, 0.00, 0.07, 0.03
HSL	77°, 56%, 94%
HSV	77°, 7%, 97%
XYZ	84.8125, 91.9027, 88.1318
YIQ	244.4530, 2.7980, -6.6580

Conversions

Conversions Part 2

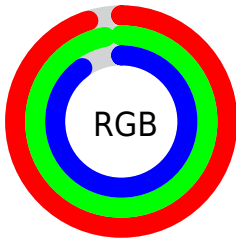
Format	Color
R_{YB}	230, 248, 235
Decimal	15988966
CIE _{Lab}	96.78, -4.75, 8.06
CIE _{LCh}	97, 9.358, 120.539
Yxy	91.9027, 0.3202, 0.3470
Android (android.graphics.Color)	4294179046 (0xFFFF3F8E6)
YUV	244.4530, -7.1253, -1.2743
Hunter-Lab	95.8659, -9.8465, 12.5994

Details

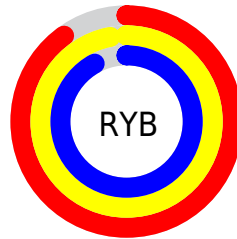
The XYZ color **84.8125, 91.9027, 88.1318** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.5046, 81.0356, 100.2629**, and the grayscale version is **86.4078, 90.9078, 98.9986**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0810, 51.3592, 47.9893** is the 20% darker color. If you saturate the color by 10%, you get **79.2408, 89.4073, 70.9659**, and if you desaturate by 10%, it is **90.9742, 94.6504, 107.9156**.

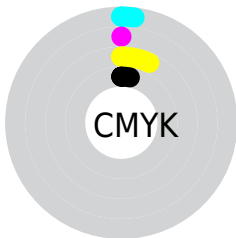
Distribution



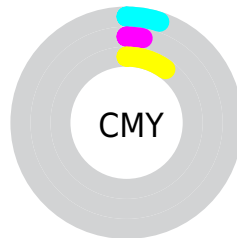
- Red (95%)
- Green (97%)
- Blue (90%)



- Red (90%)
- Yellow (97%)
- Blue (92%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.8125, 91.9027, 88.1318 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 84.8125, 91.9027, 88.1318 by changing the saturation by 10% instead.

84.8125, 91.9027,
88.1318

84.8125, 91.9027,
88.1318

499.5005,
534.2010, 542.3472

64.0084, 69.5598,
65.8673

139.0266,
149.9785, 146.6534

46.9192, 51.1678,
47.7089

173.1673,
186.4803, 183.7475

33.1795, 36.3421,
33.2380

212.4842,
228.4704, 226.6220

22.4239, 24.6985,
22.0362

257.3428,
276.3333, 275.6952

14.2870, 15.8526,
13.6850

308.1084,
330.4535, 331.3858

8.4036, 9.4199,
7.7656

365.1463,

4.4082, 5.0161,

391.2152, 394.1123

3.8597

428.8218,
459.0029, 464.2933

■ 1.9356, 2.2567,
1.5487

■ 0.5974, 0.7506,
0.2538

■ 84.8125, 91.9027,
88.1318

■ 84.8125, 91.9027,
88.1318

■ 79.2408, 89.4073,
70.9659

■ 90.9742, 94.6504,
107.9156

■ 74.2296, 87.1433,
56.3023

■ 92.8592, 95.6185,
108.1697

■ 69.7584, 85.1054,
44.0255

■ 65.8019, 83.2834,
34.0087

■ 62.3329, 81.6662,
26.1132

■ 59.3212, 80.2417,
20.1852

■ 56.7324, 78.9960,
16.0502

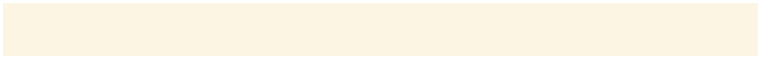
■ 54.5267, 77.9129,
13.5028

■ 52.6523, 76.9719,
12.2772

Harmonies

Analogous

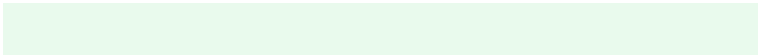
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3033, 91.9027, 86.3038



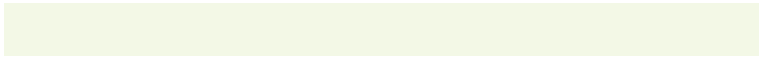
84.8125, 91.9027, 88.1318



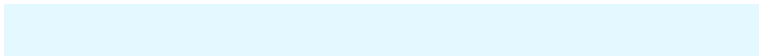
83.0317, 91.9027, 93.1276

Triad

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



84.8125, 91.9027, 88.1318



84.8931, 91.9027, 113.1800



92.4928, 91.9027, 99.9307

Complementary

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



84.8125, 91.9027, 88.1318



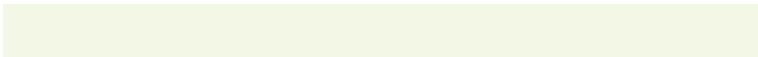
79.5046, 81.0356, 100.2629

Split Complementary

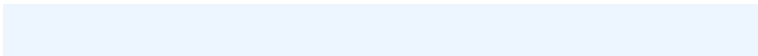
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.8170, 91.9027, 107.3416



84.8125, 91.9027, 88.1318



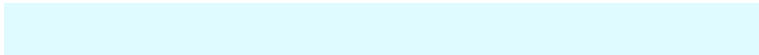
87.3982, 91.9027, 115.2195

Square

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



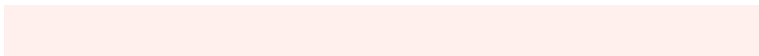
84.8125, 91.9027, 88.1318



83.0776, 91.9027, 107.5883



89.9392, 91.9027, 113.0326



91.7680, 91.9027, 92.9035

Rectangle

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



84.8125, 91.9027, 88.1318



82.4687, 91.9027, 97.7103



89.9392, 91.9027, 113.0326



92.4218, 91.9027, 102.4601

Sweetspot

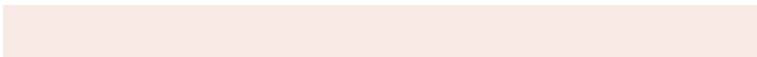
The Sweet Spot groups the original color and five complimentary colors.



84.8150, 91.9067, 88.1338



93.7200, 99.4080, 104.6084



82.6486, 84.9747, 86.9100



20.0739, 21.2836, 22.4354



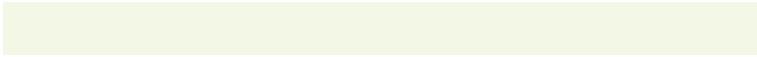
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

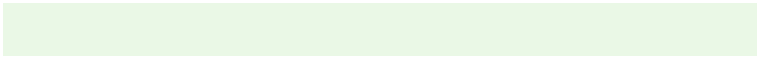
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8150, 91.9067, 88.1338



89.2644, 97.4191, 90.4802



81.8507, 90.3785, 87.9951



18.2295, 19.9341, 18.3493



28.3266, 41.5212, 6.5214



2.7262, 3.8985, 0.6088

Inverse Universe

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



79.5046, 81.0356, 100.2629



82.3250, 83.2130, 106.3305



82.4821, 82.5706, 100.4022



16.7359, 16.8765, 21.7607



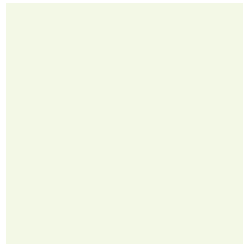
10.5924, 4.4033, 48.2652



1.0791, 0.4584, 4.4748

Previews

White Background



This preview shows how the XYZ color 84.8125, 91.9027, 88.1318 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 84.8125, 91.9027, 88.1318 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

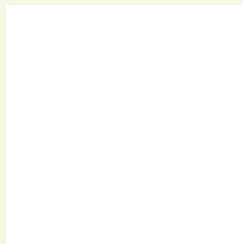
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.8125, 91.9027, 88.1318

Background



This preview shows how black text looks on a background with the XYZ color 84.8125, 91.9027, 88.1318.



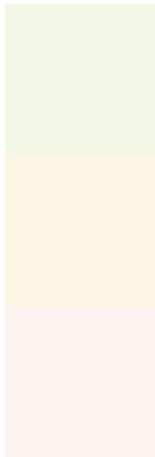
This preview shows how white text looks on a background with the XYZ color 84.8125, 91.9027,

88.1318.

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

84.8125, 91.9027, 88.1318

Protanopia

87.5290, 91.9771, 86.5389

Deuteranopia

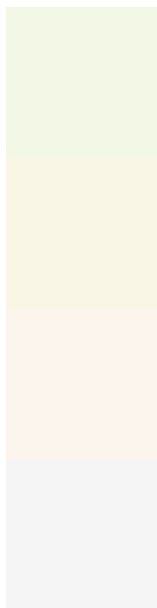
89.3176, 91.7720, 97.0106



Tritanopia

88.7585, 91.6955, 107.6287

Trichromacy



Original Color

84.8125, 91.9027, 88.1318

Protanomaly

86.5230, 91.8927, 87.3056

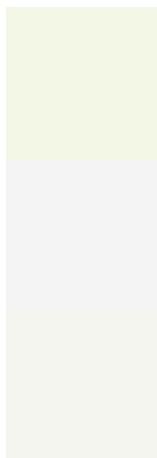
Deuteranomaly

87.8687, 91.9871, 94.0130

Tritanomaly

87.2930, 91.5515, 100.2591

Monochromacy



Original Color

84.8125, 91.9027, 88.1318

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.5406, 90.7699, 94.6732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8125, 91.9027, 88.1318 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(243, 248, 230)` looks like.

```
.text, #text, p{  
    color:rgb(243, 248, 230)  
}
```

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(243, 248, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 248, 230) }
```

Border

The CSS property to change the border of an element to XYZ 84.8125, 91.9027, 88.1318 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(243, 248, 230) }
```


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

```
.border{ border-color:rgb(243, 248, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 248, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 248, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 248, 230);  
box-shadow:4px 4px 4px 4px rgb(243, 248,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8125, 91.9027, 88.1318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 248, 230) }
```

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

```
.background{ background-color: rgb(243,  
248, 230) }
```

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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