

Converting Colors

XYZ(84.1995, 88.4587, 91.3533)

Have a look what the booklet for
XYZ(84.1995, 88.4587, 91.3533)
contains.

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Color

**XYZ(84.1069, 88.3212,
91.2121)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F1EB
RGB	245, 241, 235
RGB Percent	96%, 95%, 92%
CMY	0.0392, 0.0549, 0.0784
CMYK	0.00, 0.02, 0.04, 0.04
HSL	36°, 33%, 94%
HSV	36°, 4%, 96%
XYZ	84.1069, 88.3212, 91.2121
YIQ	241.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

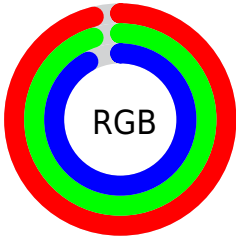
Format	Color
R _Y B	242, 245, 235
Decimal	16118251
CIE Lab	95.30, 0.31, 3.35
CIE LCh	95, 3.368, 84.803
Yxy	88.3212, 0.3190, 0.3350
Android (android.graphics.Color)	4294308331 (0xFF5F1EB)
YUV	241.5120, -3.2104, 3.0590
Hunter-Lab	93.9794, -4.7152, 8.2414

Details

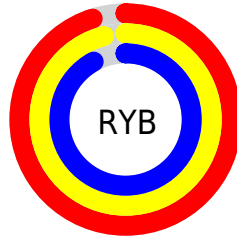
The XYZ color **84.1069, 88.3212, 91.2121** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.6090, 85.9867, 98.6832**, and the grayscale version is **84.0368, 88.4133, 96.2821**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4719, 48.7714, 49.6123** is the 20% darker color. If you saturate the color by 10%, you get **77.9886, 81.3637, 72.8953**, and if you desaturate by 10%, it is **90.1401, 95.4995, 108.2901**.

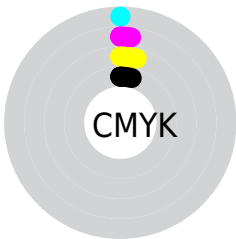
Distribution



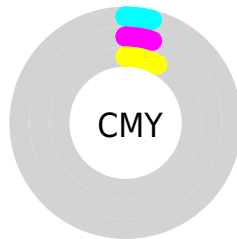
- Red (96%)
- Green (95%)
- Blue (92%)



- Red (95%)
- Yellow (96%)
- Blue (92%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.1069, 88.3212, 91.2121 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 84.1069, 88.3212, 91.2121 by changing the saturation by 10% instead.

84.1069, 88.3212,
91.2121

84.1069, 88.3212,
91.2121

497.1965,
522.5545, 552.6374

63.4237, 66.5891,
68.4070

138.0452,
145.0043, 150.9711

46.4440, 48.7508,
49.7602

172.0310,
180.7240, 188.7621

32.8024, 34.4218,
34.8530

211.1817,
221.8751, 232.3855

22.1337, 23.2178,
23.2670

255.8627,
268.8419, 282.2599

14.0723, 14.7544,
14.5837

306.4393,
322.0089, 338.8037

8.2530, 8.6472,
8.3844

363.2769,

4.3104, 4.5118,

381.7604, 402.4356

4.2506

426.7408,
448.4808, 473.5739

■ 1.8792, 1.9638,
1.7638

■ 0.5647, 0.5863,
0.4039

■ 84.1069, 88.3212,
91.2121

■ 84.1069, 88.3212,
91.2121

■ 77.9886, 81.3637,
72.8953

■ 90.1401, 95.4995,
108.2901

■ 72.4889, 74.8962,
57.0910

■ 91.4667, 98.1527,
108.7323

■ 67.5867, 68.9091,
43.6890

■ 63.2567, 63.3880,
32.5685

■ 59.4714, 58.3180,
23.5979

■ 56.2009, 53.6827,
16.6324

■ 53.4115, 49.4643,
11.5088

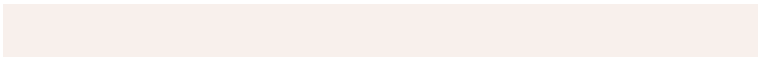
■ 51.0647, 45.6427,
8.0380

■ 49.1139, 42.1948,
5.9893

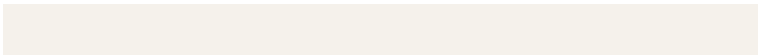
Harmonies

Analogous

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



84.9698, 88.3212, 92.0884



84.1069, 88.3212, 91.2121



83.2072, 88.3212, 91.6435

Triad

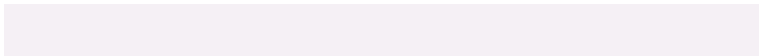
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.1069, 88.3212, 91.2121



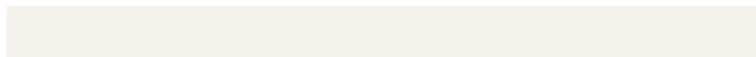
82.3520, 88.3212, 98.3064



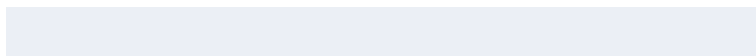
85.3996, 88.3212, 99.1147

Complementary

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



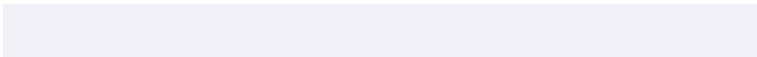
84.1069, 88.3212, 91.2121



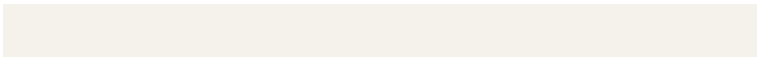
81.6090, 85.9867, 98.6832

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.



84.6905, 88.3212, 100.8365



84.1069, 88.3212, 91.2121



82.9318, 88.3212, 100.3638

Square

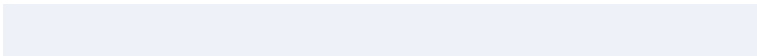
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



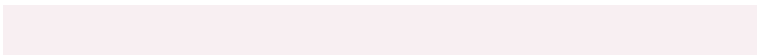
84.1069, 88.3212, 91.2121



82.1983, 88.3212, 95.7089



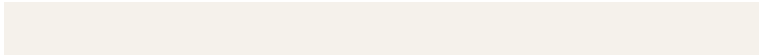
83.7866, 88.3212, 101.2977



85.7196, 88.3212, 96.6262

Rectangle

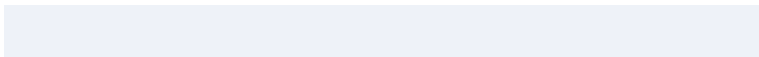
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



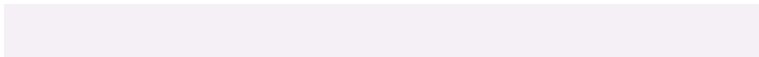
84.1069, 88.3212, 91.2121



82.7070, 88.3212, 92.6189



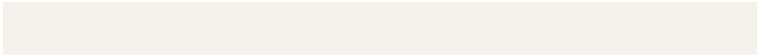
83.7866, 88.3212, 101.2977



85.1986, 88.3212, 99.8042

Sweetspot

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



84.1094, 88.3250, 91.2140



94.3179, 99.1884, 106.6440



82.9458, 85.0625, 93.7096



20.1956, 21.2390, 22.8500



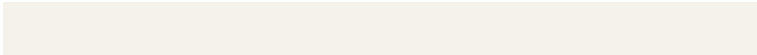
0.0000, 0.0000, 0.0000



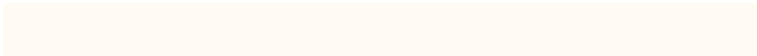
20.3446, 21.4041, 23.3091

Same Dimension

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



84.1094, 88.3250, 91.2140



91.4608, 95.9982, 97.9104



84.9573, 90.5373, 91.5963



17.8329, 18.7107, 18.9082



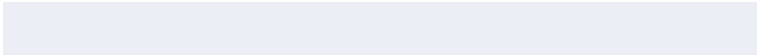
26.0548, 21.9951, 2.8722



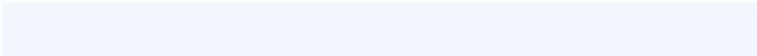
2.3903, 2.1339, 0.2859

Inverse Universe

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



81.6090, 85.9867, 98.6832



88.1201, 92.8740, 107.8898



80.7832, 83.8435, 98.3131



17.0926, 18.0183, 21.1196



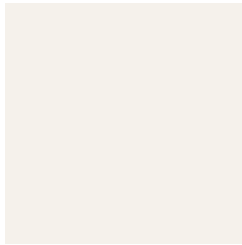
11.3533, 8.5003, 47.5804



1.0955, 0.9424, 4.2144

Previews

White Background



This preview shows how the XYZ color 84.1069, 88.3212, 91.2121 looks on a white background.

Color Contrast Check

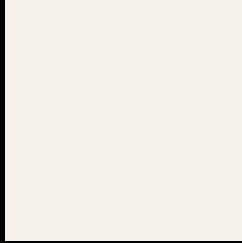
Large Text (above 18pt) WCAG AA × Fail

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 84.1069, 88.3212, 91.2121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

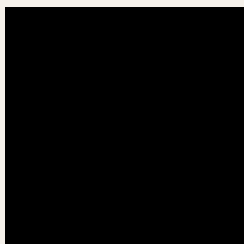
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

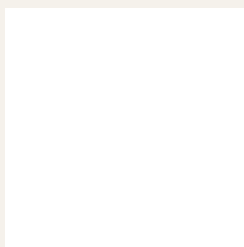
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.1069, 88.3212, 91.2121

Background



This preview shows how black text looks on a background with the XYZ color 84.1069, 88.3212, 91.2121.



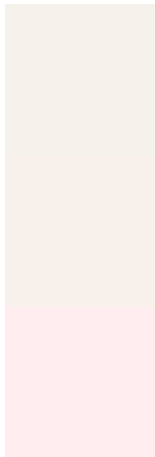
This preview shows how white text looks on a background with the XYZ color 84.1069, 88.3212, 91.2121.

91.2 21.

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

84.1069, 88.3212, 91.2121

Protanopia

84.5133, 88.0925, 91.1465

Deuteranopia

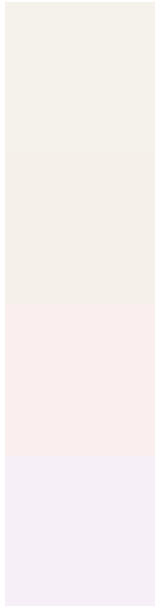
87.1042, 88.0604, 94.0678



Tritanopia

87.3359, 88.3255, 107.0532

Trichromacy



Original Color

84.1069, 88.3212, 91.2121

Protanomaly

84.1615, 87.9112, 91.1300

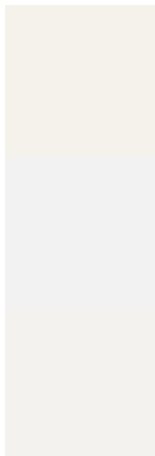
Deuteranomaly

85.7908, 87.8313, 93.3204

Tritanomaly

86.1676, 88.2845, 101.3060

Monochromacy



Original Color

84.1069, 88.3212, 91.2121

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.2943, 88.7909, 94.3569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1069, 88.3212, 91.2121 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(245, 241, 235) looks like.

```
.text, #text, p{  
    color:rgb(245, 241, 235)  
}
```

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(245, 241, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 241, 235) }
```

Border

The CSS property to change the border of an element to XYZ 84.1069, 88.3212, 91.2121 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(245, 241, 235) }
```


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

```
.border{ border-color:rgb(245, 241, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 241, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 241, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 241, 235);  
box-shadow:4px 4px 4px 4px rgb(245, 241,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1069, 88.3212, 91.2121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 241, 235) }
```

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

```
.background{ background-color: rgb(245,  
241, 235) }
```

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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