

Converting Colors

XYZ(86.9279, 91.0306, 93.2415)

Have a look what the booklet for
XYZ(86.9279, 91.0306, 93.2415)
contains.

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Color

**XYZ(87.0611, 91.1398,
93.1239)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF4ED
RGB	250, 244, 237
RGB Percent	98%, 96%, 93%
CMY	0.0196, 0.0431, 0.0706
CMYK	0.00, 0.02, 0.05, 0.02
HSL	32°, 57%, 95%
HSV	32°, 5%, 98%
XYZ	87.0611, 91.1398, 93.1239
YIQ	244.9960, 5.8230, -0.9050

Conversions

Conversions Part 2

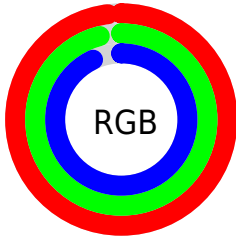
Format	Color
R_{YB}	248, 250, 237
Decimal	16446701
CIE Lab	96.47, 0.81, 4.07
CIE LCh	96, 4.146, 78.720
Yxy	91.1398, 0.3209, 0.3359
Android (android.graphics.Color)	4294636781 (0xFFFAF4ED)
YUV	244.9960, -3.9420, 4.3885
Hunter-Lab	95.4672, -4.2848, 8.9923

Details

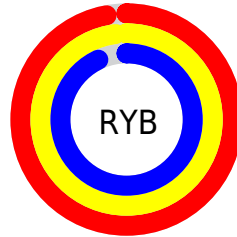
The XYZ color **87.0611, 91.1398, 93.1239** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.2309, 89.0065, 103.1841**, and the grayscale version is **86.8175, 91.3388, 99.4679**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.5718, 50.7720, 50.9560** is the 20% darker color. If you saturate the color by 10%, you get **80.2995, 83.0594, 74.0883**, and if you desaturate by 10%, it is **93.2348, 99.0642, 108.8151**.

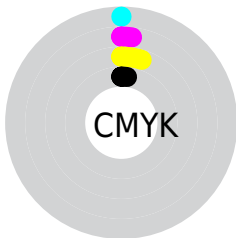
Distribution



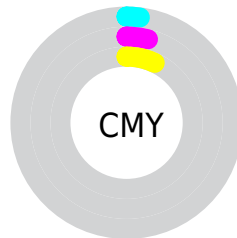
- Red (98%)
- Green (96%)
- Blue (93%)



- Red (97%)
- Yellow (98%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (2%)





- Cyan (2%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.0611, 91.1398, 93.1239 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 87.0611, 91.1398, 93.1239 by changing the saturation by 10% instead.


 87.0611, 91.1398,
93.1239

 87.0611, 91.1398,
93.1239


506.8052,
531.7316, 558.9714

 65.8740, 68.9264,
69.9863


142.1485,
148.9206, 153.6433

 48.4374, 50.6518,
51.0386


176.7795,
185.2568, 191.8622

 34.3861, 35.9315,
35.8624


216.6225,
227.0694, 235.9452

 23.3547, 24.3813,
24.0391

262.0429,
274.7427, 286.3109

 14.9777, 15.6167,
15.1501

313.4060,
328.6612, 343.3778

 8.8900, 9.2534,
8.7770

371.0772,

 4.7260, 4.9068,

389.2093, 407.5645

4.5012

435.4218,
456.7713, 479.2895

■ 2.1205, 2.1927,
1.9041

■ 0.7003, 0.7160,
0.4954

■ 87.0611, 91.1398,
93.1239

■ 87.0611, 91.1398,
93.1239

■ 80.2995, 83.0594,
74.0883

■ 93.2348, 99.0642,
108.8151

■ 74.2369, 75.5966,
57.6934

■ 68.8493, 68.7384,
43.8221

■ 64.1084, 62.4666,
32.3458

■ 59.9836, 56.7623,
23.1243

■ 56.4414, 51.6048,
16.0030

■ 53.4443, 46.9719,
10.8072

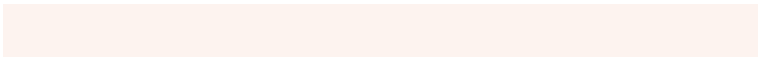
■ 50.9492, 42.8386,
7.3337

■ 48.9039, 39.1762,
5.3321

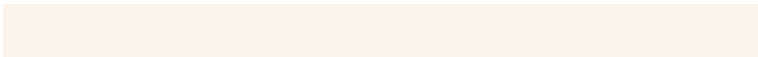
Harmonies

Analogous

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



88.1001, 91.1398, 94.5291



87.0611, 91.1398, 93.1239



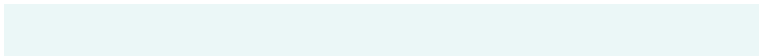
85.9144, 91.1398, 93.3289

Triad

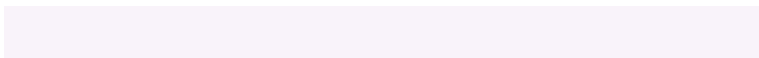
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.0611, 91.1398, 93.1239



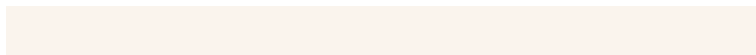
84.5378, 91.1398, 101.2925



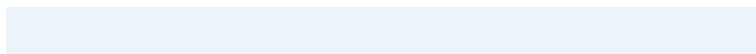
88.3065, 91.1398, 103.4944

Complementary

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



87.0611, 91.1398, 93.1239



84.2309, 89.0065, 103.1841

Split Complementary

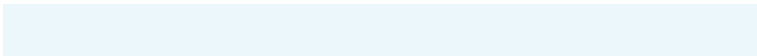
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.3408, 91.1398, 105.3867



87.0611, 91.1398, 93.1239



85.1677, 91.1398, 104.0961

Square

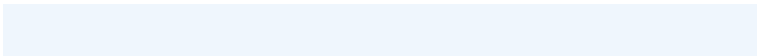
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.0611, 91.1398, 93.1239



84.4644, 91.1398, 97.9959



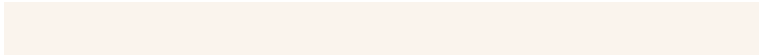
86.1916, 91.1398, 105.6093



88.8234, 91.1398, 100.4860

Rectangle

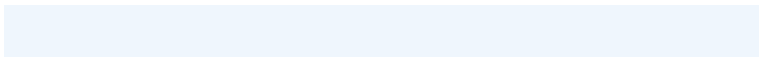
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



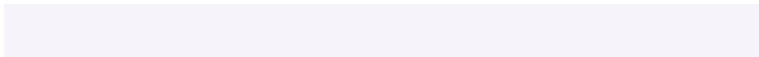
87.0611, 91.1398, 93.1239



85.2429, 91.1398, 94.3522



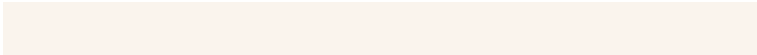
86.1916, 91.1398, 105.6093



88.0232, 91.1398, 104.2849

Sweetspot

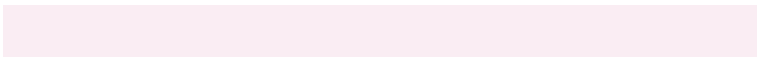
The Sweet Spot groups the original color and five complimentary colors.



87.0636, 91.1438, 93.1259



93.4939, 98.1843, 104.3841



85.8975, 87.3688, 97.1846



20.0279, 21.0346, 22.3898



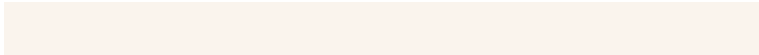
0.0000, 0.0000, 0.0000



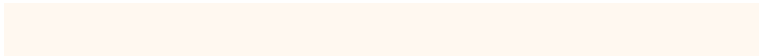
20.3446, 21.4041, 23.3091

Same Dimension

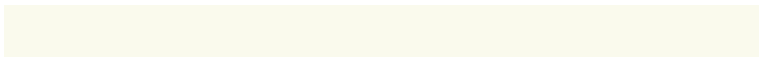
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.0636, 91.1438, 93.1259



90.4737, 94.6337, 95.7023



88.7421, 94.7309, 93.7298



18.4416, 19.2763, 19.3338



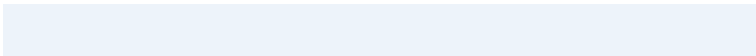
25.6312, 20.2190, 2.5517



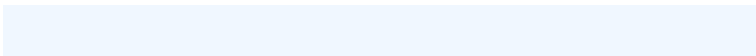
2.4800, 2.0848, 0.2717

Inverse Universe

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



84.2309, 89.0065, 103.1841



87.0697, 92.0654, 107.7891



82.6107, 85.5511, 102.6026



17.6731, 18.6965, 22.0626



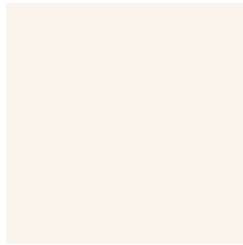
12.5632, 10.4819, 49.3346



1.2683, 1.1803, 4.6042

Previews

White Background



This preview shows how the XYZ color 87.0611, 91.1398, 93.1239 looks on a white background.

Color Contrast Check

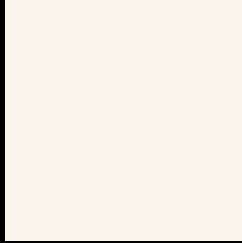
Large Text (above 18pt) WCAG AA × Fail

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 87.0611, 91.1398, 93.1239 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

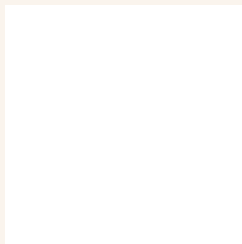
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.0611, 91.1398, 93.1239

Background



This preview shows how black text looks on a background with the XYZ color 87.0611, 91.1398, 93.1239.

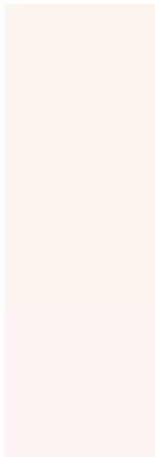


This preview shows how white text looks on a background with the XYZ color 87.0611, 91.1398,

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

87.0611, 91.1398, 93.1239

Protanopia

87.4204, 91.3250, 93.1407

Deuteranopia

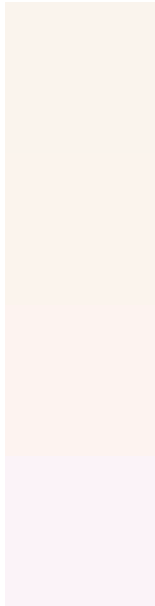
89.0191, 91.1751, 96.9111



Tritanopia

89.5858, 91.2335, 107.4959

Trichromacy



Original Color

87.0611, 91.1398, 93.1239

Protanomaly

87.4204, 91.3250, 93.1407

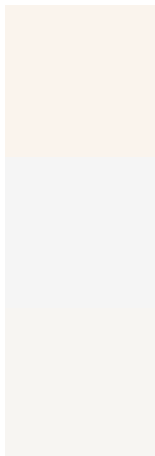
Deuteranomaly

88.2868, 91.2751, 95.4027

Tritanomaly

88.7775, 91.3877, 101.7675

Monochromacy



Original Color

87.0611, 91.1398, 93.1239

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.0372, 91.4898, 97.0763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.0611, 91.1398, 93.1239 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(250, 244, 237) looks like.

```
.text, #text, p{  
    color:rgb(250, 244, 237)  
}
```

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(250, 244, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 244, 237) }
```

Border

The CSS property to change the border of an element to XYZ 87.0611, 91.1398, 93.1239 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(250, 244, 237) }
```


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

```
.border{ border-color:rgb(250, 244, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 244, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 244, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 244, 237);  
box-shadow:4px 4px 4px 4px rgb(250, 244,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 87.0611, 91.1398, 93.1239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 244, 237) }
```

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

```
.background{ background-color: rgb(250,  
244, 237) }
```

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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