

Converting Colors

XYZ(84.6556, 87.5145, 90.4054)

Have a look what the booklet for
XYZ(84.6556, 87.5145, 90.4054)
contains.

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Color

**XYZ(84.4927, 87.2293,
90.2256)**

Conversions

Conversions Part 1

Format	Color
Hex	F9EEEE
RGB	249, 238, 234
RGB Percent	98%, 93%, 92%
CMY	0.0235, 0.0666, 0.0823
CMYK	0.00, 0.04, 0.06, 0.02
HSL	16°, 56%, 95%
HSV	16°, 6%, 98%
XYZ	84.4927, 87.2293, 90.2256
YIQ	240.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

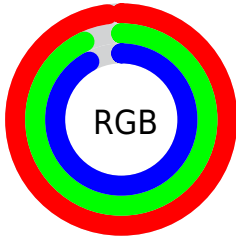
Format	Color
R _Y B	249, 239, 234
Decimal	16379626
CIE Lab	94.84, 3.02, 3.24
CIE LCh	95, 4.433, 47.001
Yxy	87.2293, 0.3226, 0.3330
Android (android.graphics.Color)	4294569706 (0xFF9EEEA)
YUV	240.8330, -3.3687, 7.1625
Hunter-Lab	93.3966, -1.9613, 8.1007

Details

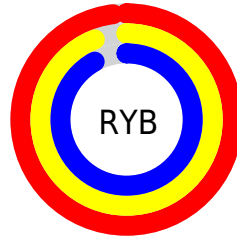
The XYZ color **84.4927, 87.2293, 90.2256** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.6828, 89.6353, 102.5143**, and the grayscale version is **83.5012, 87.8497, 95.6684**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7561, 48.0077, 48.9216** is the 20% darker color. If you saturate the color by 10%, you get **76.1170, 75.8054, 71.0077**, and if you desaturate by 10%, it is **92.8773, 98.8800, 108.7983**.

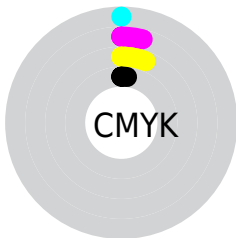
Distribution



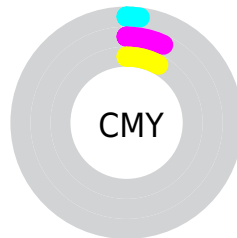
- Red (98%)
- Green (93%)
- Blue (92%)



- Red (98%)
- Yellow (94%)
- Blue (92%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.4927, 87.2293, 90.2256 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 84.4927, 87.2293, 90.2256 by changing the saturation by 10% instead.


 84.4927, 87.2293,
90.2256

 84.4927, 87.2293,
90.2256

498.4569,
518.9760, 549.3535

 63.7434, 65.6850,
67.5930


138.5819,
143.4837, 149.5900

 46.7038, 48.0167,
49.1021


172.6524,
178.9626, 187.1588

 33.0085, 33.8401,
34.3343


211.8941,
219.8551, 230.5435

 22.2922, 22.7708,
22.8711

256.6723,
266.5456, 280.1626

 14.1896, 14.4244,
14.2939

307.3523,
319.4186, 336.4346

 8.3352, 8.4164,
8.1843

364.2995,

 4.3638, 4.3625,

378.8584, 399.7780

4.1237

427.8793,
445.2494, 470.6115

■ 1.9099, 1.8784,
1.6934

■ 0.5826, 0.5353,
0.3562

■ 84.4927, 87.2293,
90.2256

■ 84.4927, 87.2293,
90.2256

■ 76.1170, 75.8054,
71.0077

■ 92.8773, 98.8800,
108.7983

■ 68.7437, 65.6161,
54.5002

■ 62.3361, 56.6228,
40.5820

■ 56.8527, 48.7808,
29.1204

■ 52.2484, 42.0422,
19.9710

■ 48.4744, 36.3558,
12.9739

■ 45.4765, 31.6660,
7.9489

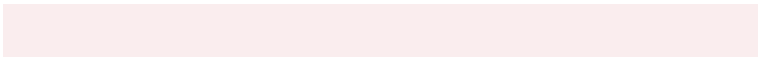
■ 43.1935, 27.9116,
4.6856

■ 41.5524, 25.0233,
2.9242

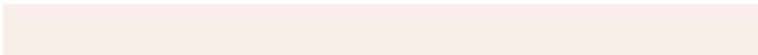
Harmonies

Analogous

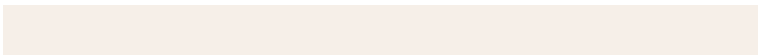
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1354, 87.2293, 93.0585



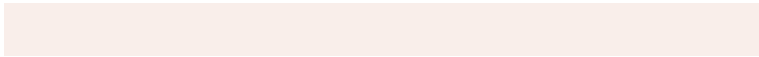
84.4927, 87.2293, 90.2256



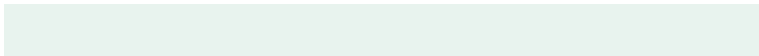
83.4290, 87.2293, 88.6824

Triad

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



84.4927, 87.2293, 90.2256



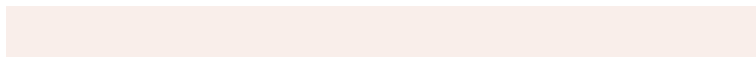
80.6805, 87.2293, 93.4989



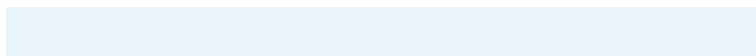
83.5854, 87.2293, 101.4396

Complementary

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



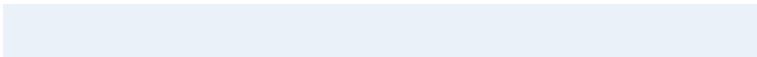
84.4927, 87.2293, 90.2256



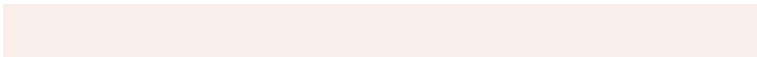
83.6828, 89.6353, 102.5143

Split Complementary

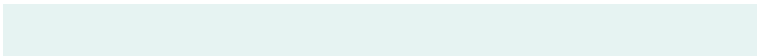
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.3908, 87.2293, 101.5645



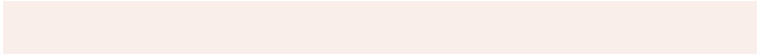
84.4927, 87.2293, 90.2256



80.7214, 87.2293, 96.9235

Square

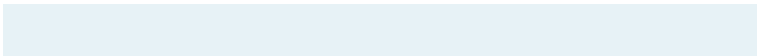
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.4927, 87.2293, 90.2256



81.2324, 87.2293, 90.5413



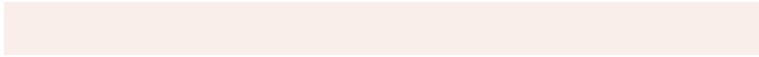
81.3449, 87.2293, 99.8942



84.6081, 87.2293, 99.5571

Rectangle

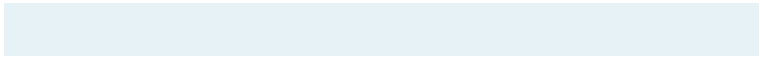
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.4927, 87.2293, 90.2256



82.6279, 87.2293, 88.5677



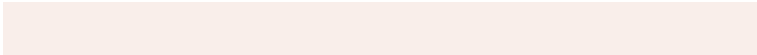
81.3449, 87.2293, 99.8942



83.1904, 87.2293, 101.6901

Sweetspot

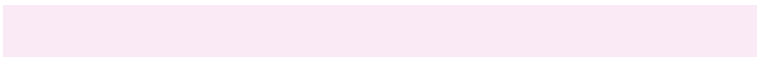
The Sweet Spot groups the original color and five complimentary colors.



84.4951, 87.2331, 90.2275



93.0586, 97.3137, 104.2390



84.9723, 85.5792, 98.4272



19.9393, 20.8574, 22.3603



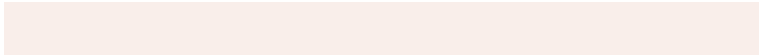
0.0000, 0.0000, 0.0000



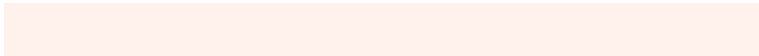
20.3446, 21.4041, 23.3091

Same Dimension

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



84.4951, 87.2331, 90.2275



88.2749, 90.8370, 93.1164



86.7232, 91.6891, 90.9702



17.9761, 18.4611, 18.8217



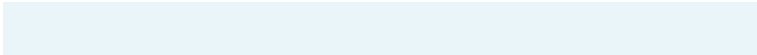
22.0686, 13.0939, 1.3642



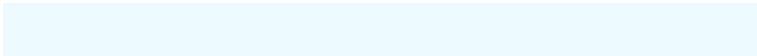
2.1271, 1.3791, 0.1541

Inverse Universe

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



83.6828, 89.6353, 102.5143



87.2838, 93.7676, 108.1063



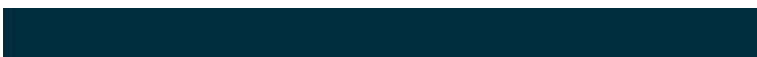
81.4609, 85.1916, 101.7737



17.7568, 19.1094, 22.1379



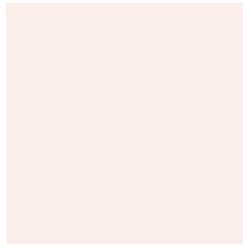
18.2879, 21.9314, 51.2429



1.7808, 2.2053, 4.7750

Previews

White Background



This preview shows how the XYZ color 84.4927, 87.2293, 90.2256 looks on a white background.

Color Contrast Check

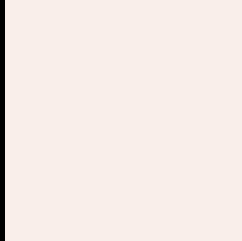
Large Text (above 18pt) WCAG AA × Fail

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 84.4927, 87.2293, 90.2256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

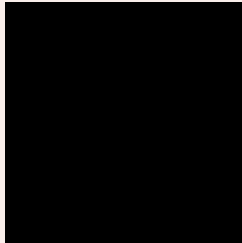
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

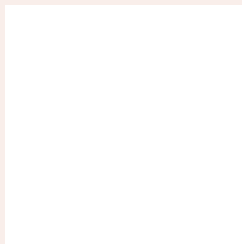
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.4927, 87.2293, 90.2256

Background



This preview shows how black text looks on a background with the XYZ color 84.4927, 87.2293, 90.2256.



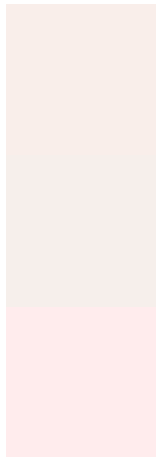
This preview shows how white text looks on a background with the XYZ color 84.4927, 87.2293,

90.2256.

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

84.4927, 87.2293, 90.2256

Protanopia

83.8679, 87.3240, 91.0322

Deuteranopia

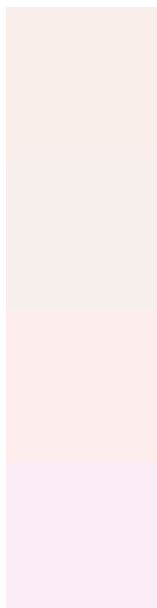
86.5215, 87.3653, 92.4238



Tritanopia

87.7426, 87.2679, 105.9858

Trichromacy



Original Color

84.4927, 87.2293, 90.2256

Protanomaly

84.2197, 87.5053, 91.0486

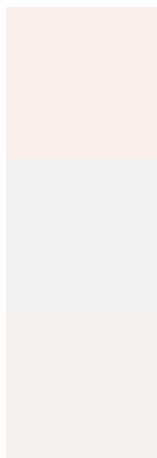
Deuteranomaly

85.9325, 87.5071, 91.7183

Tritanomaly

86.5676, 87.2155, 100.2674

Monochromacy



Original Color

84.4927, 87.2293, 90.2256

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.9009, 87.7263, 93.3997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.4927, 87.2293, 90.2256 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(249, 238, 234) looks like.

```
.text, #text, p{  
    color:rgb(249, 238, 234)  
}
```

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(249, 238, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 238, 234) }
```

Border

The CSS property to change the border of an element to XYZ 84.4927, 87.2293, 90.2256 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(249, 238, 234) }
```


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

```
.border{ border-color:rgb(249, 238, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 238, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 238, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 238, 234);  
box-shadow:4px 4px 4px 4px rgb(249, 238,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 84.4927, 87.2293, 90.2256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 238, 234) }
```

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

```
.background{ background-color: rgb(249,  
238, 234) }
```

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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