

# Converting Colors

XYZ(84.0247, 84.2613, 98.9118)

Have a look what the booklet for  
XYZ(84.0247, 84.2613, 98.9118)  
contains.

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# **Color**

**XYZ(84.2026, 84.3235,  
99.0269)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8E8F6
RGB	248, 232, 246
RGB Percent	97%, 91%, 96%
CMY	0.0274, 0.0902, 0.0353
CMYK	0.00, 0.06, 0.01, 0.03
HSL	308°, 53%, 94%
HSV	308°, 6%, 97%
XYZ	84.2026, 84.3235, 99.0269
YIQ	238.3800, 5.0420, 7.7460

# Conversions

## Conversions Part 2

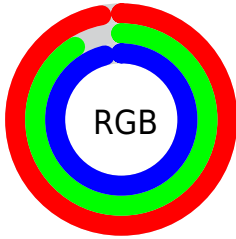
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 232, 246
Decimal	16312566
CIE <sub>Lab</sub>	93.59, 7.84, -4.82
CIE <sub>LCh</sub>	94, 9.203, 328.387
Yxy	84.3235, 0.3147, 0.3152
Android (android.graphics.Color)	4294502646 (0xFF8E8F6)
YUV	238.3800, 3.7567, 8.4367
Hunter-Lab	91.8278, 2.9790, 0.3413

# Details

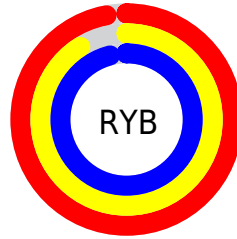
The XYZ color **84.2026, 84.3235, 99.0269** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.7006, 90.2335, 90.9570**, and the grayscale version is **81.5336, 85.7797, 93.4141**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5578, 45.9748, 55.1354** is the 20% darker color. If you saturate the color by 10%, you get **77.2373, 71.1471, 94.3772**, and if you desaturate by 10%, it is **91.5869, 98.3227, 103.8575**.

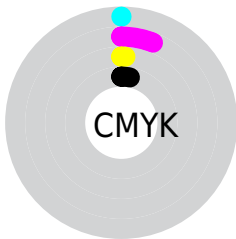
# Distribution



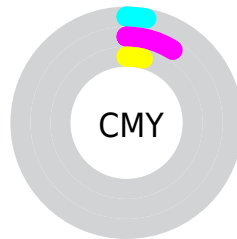
- Red (97%)
- Green (91%)
- Blue (96%)



- Red (97%)
- Yellow (91%)
- Blue (96%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (3%)




- Cyan (3%)
- Magenta (9%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 84.2026, 84.3235, 99.0269 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 84.2026, 84.3235, 99.0269 by changing the saturation by 10% instead.



 84.2026, 84.3235,  
99.0269

 84.2026, 84.3235,  
99.0269


497.5093,  
509.3869, 578.2883

 63.5030, 63.2826,  
74.8758


138.1783,  
139.4276, 161.8595

 46.5084, 46.0698,  
55.0100


172.1852,  
174.2596, 201.3780

 32.8535, 32.3009,  
39.0111


211.3585,  
214.4573, 246.8560

 22.1730, 21.5915,  
26.4604

256.0636,  
260.4053, 298.7122

 14.1014, 13.5570,  
16.9396

306.6659,  
312.4878, 357.3649

 8.2734, 7.8132,  
10.0299

363.5307,

 4.3236, 3.9757,

371.0893, 423.2328

5.3129

427.0234,  
436.5942, 496.7345

■ 1.8868, 1.6600,  
2.3701

■ 0.5692, 0.3975,  
0.7701

■ 84.2026, 84.3235,  
99.0269

■ 84.2026, 84.3235,  
99.0269

■ 77.2373, 71.1471,  
94.3772

■ 91.5869, 98.3227,  
103.8575

■ 71.2215, 59.8583,  
90.0821

■ 92.0750, 98.5180,  
106.4277

■ 66.1137, 50.3728,  
86.1284

■ 92.5220, 98.6968,  
108.7817

■ 61.8664, 42.5959,  
82.5002

■ 58.4279, 36.4240,  
79.1800

■ 55.7407, 31.7426,  
76.1486

■ 53.7401, 28.4216,  
73.3841

■ 52.3497, 26.3091,  
70.8608

■ 51.4746, 25.2147,  
68.5470

# Harmonies

## Analogous

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



82.3946, 84.3235, 104.1289



84.2026, 84.3235, 99.0269



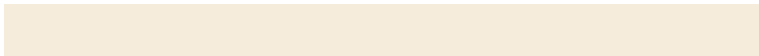
84.9211, 84.3235, 92.1920

# Triad

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



84.2026, 84.3235, 99.0269



80.2789, 84.3235, 79.0464



76.0963, 84.3235, 98.3407

# Complementary

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



84.2026, 84.3235, 99.0269



81.7006, 90.2335, 90.9570

# 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.



75.5552, 84.3235, 91.4369



84.2026, 84.3235, 99.0269



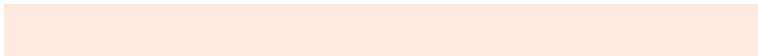
77.9405, 84.3235, 80.5104

# Square

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



84.2026, 84.3235, 99.0269



82.6275, 84.3235, 80.8568



76.2237, 84.3235, 84.9601



77.7166, 84.3235, 103.7188

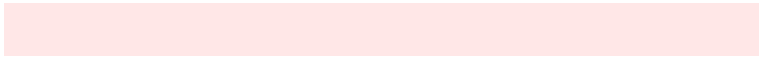


# Rectangle

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



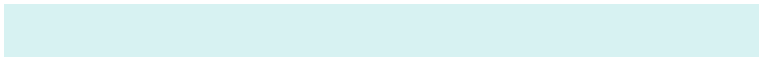
84.2026, 84.3235, 99.0269



84.6747, 84.3235, 87.6470



76.2237, 84.3235, 84.9601



75.7836, 84.3235, 96.1109

# Sweetspot

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



84.2050, 84.3271, 99.0287



93.3420, 96.7481, 107.8250



79.6914, 81.9646, 100.4289



19.9969, 20.7421, 23.0903



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

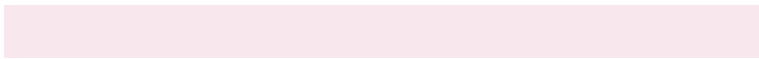
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.2050, 84.3271, 99.0287



88.4759, 87.5047, 104.6960



83.0231, 83.8544, 92.8046



17.8941, 17.4850, 21.2982



27.7130, 13.5009, 36.7927



2.5921, 1.2606, 3.5413



# Inverse Universe

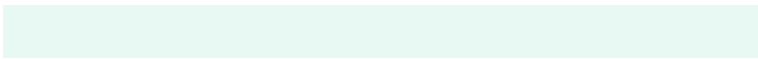
The Inverse Universe completely reimagines the original color for something new.



84.2050, 84.3271, 99.0287



88.4759, 87.5047, 104.6960



82.8560, 90.6956, 97.0410



17.8941, 17.4850, 21.2982



27.7130, 13.5009, 36.7927

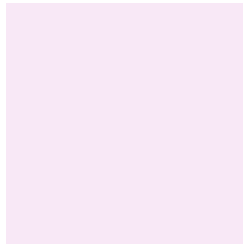


2.5921, 1.2606, 3.5413



# Previews

## White Background



This preview shows how the XYZ color 84.2026, 84.3235, 99.0269 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

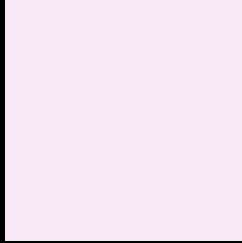
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 84.2026, 84.3235, 99.0269 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

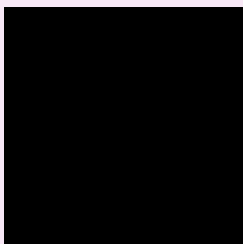
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 84.2026, 84.3235, 99.0269**

## **Background**



This preview shows how black text looks on a background with the XYZ color 84.2026, 84.3235, 99.0269.



This preview shows how white text looks on a background with the XYZ color 84.2026, 84.3235,

99.0269.

# 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

84.2026, 84.3235, 99.0269

### Protanopia

81.9115, 84.3711, 100.7750

### Deuteranopia

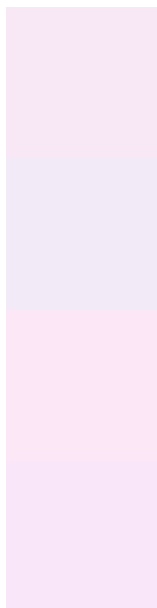
86.1714, 84.5074, 98.9586



## Tritanopia

84.8982, 84.1937, 102.2189

# Trichromacy



## Original Color

84.2026, 84.3235, 99.0269

## Protanomaly

82.8293, 84.4383, 99.9283

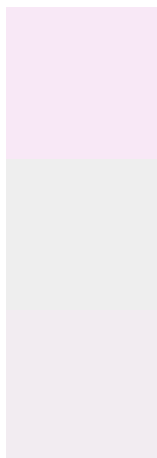
## Deuteranomaly

85.3554, 84.5011, 99.0004

## Tritanomaly

84.7417, 84.1311, 101.3951

# Monochromacy



## Original Color

84.2026, 84.3235, 99.0269

## Achromatopsia

81.2670, 85.4993, 93.1087

## Achromatomaly

82.4906, 85.2190, 95.3203

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 84.2026, 84.3235, 99.0269 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, 232, 246) looks like.

```
.text, #text, p{  
    color:rgb(248, 232, 246)  
}
```

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, 232, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 232, 246) }
```

## Border

The CSS property to change the border of an element to XYZ 84.2026, 84.3235, 99.0269 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, 232, 246) }
```



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

```
.border{ border-color:rgb(248, 232, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 232, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 232, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 232, 246);  
box-shadow:4px 4px 4px 4px rgb(248, 232,  
246) }
```

# Background

The CSS property to change the background color of an element to XYZ 84.2026, 84.3235, 99.0269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 232, 246) }
```

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

```
.background{ background-color: rgb(248,  
232, 246) }
```

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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