

Converting Colors

XYZ(82.7367, 83.2836, 99.2658)

Have a look what the booklet for
XYZ(82.7367, 83.2836, 99.2658)
contains.

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Color

**XYZ(82.5187, 83.0387,
98.8677)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E7F6
RGB	244, 231, 246
RGB Percent	96%, 91%, 96%
CMY	0.0431, 0.0941, 0.0353
CMYK	0.01, 0.06, 0.00, 0.04
HSL	292°, 45%, 94%
HSV	292°, 6%, 96%
XYZ	82.5187, 83.0387, 98.8677
YIQ	236.5970, 2.9330, 7.4210

Conversions

Conversions Part 2

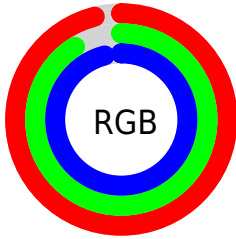
Format	Color
RYB	244, 231, 246
Decimal	16050166
CIELab	93.03, 7.03, -5.68
CIELCh	93, 9.037, 321.024
Yxy	83.0387, 0.3121, 0.3140
Android (android.graphics.Color)	4294240246 (0xFFFF4E7F6)
YUV	236.5970, 4.6357, 6.4924
Hunter-Lab	91.1256, 2.1708, -0.5394

Details

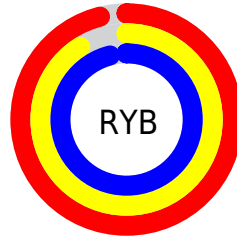
The XYZ color **82.5187, 83.0387, 98.8677** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.9869, 89.0069, 88.5170**, and the grayscale version is **80.1525, 84.3266, 91.8317**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3633, 45.0690, 55.0235** is the 20% darker color. If you saturate the color by 10%, you get **74.9843, 69.6437, 96.6806**, and if you desaturate by 10%, it is **90.8523, 97.9995, 101.3174**.

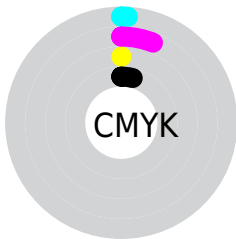
Distribution



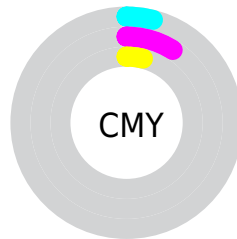
- Red (96%)
- Green (91%)
- Blue (96%)



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



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5187, 83.0387, 98.8677 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 82.5187, 83.0387, 98.8677 by changing the saturation by 10% instead.

82.5187, 83.0387,
98.8677

82.5187, 83.0387,
98.8677

491.9893,
505.1155, 577.7719

62.1087, 62.2221,
74.7436

135.8332,
137.6297, 161.6386

45.3765, 45.2122,
54.9024

169.4684,
172.1728, 201.1224

31.9566, 31.6246,
38.9255

208.2428,
212.0602, 246.5633

21.4838, 21.0749,
26.3944

252.5217,
257.6763, 298.3798

13.5925, 13.1788,
16.8905

302.6704,
309.4055, 356.9903

7.9176, 7.5518,
9.9953

359.0544,

4.0936, 3.8095,

367.6322, 422.8135

5.2903

422.0389,
432.7407, 496.2678

■ 1.7552, 1.5676,
2.3569

■ 0.4905, 0.3356,
0.7628

■ 82.5187, 83.0387,
98.8677

■ 82.5187, 83.0387,
98.8677

■ 74.9843, 69.6437,
96.6806

■ 90.8523, 97.9995,
101.3174

■ 68.3952, 58.1105,
94.8017

■ 92.0212, 98.6021,
101.3721

■ 62.7106, 48.3568,
93.2187

■ 93.2107, 99.2153,
101.4278

■ 57.8843, 40.2898,
91.9159

■ 93.6348, 99.4339,
101.4477

■ 53.8655, 33.8084,
90.8767

■ 50.5981, 28.8006,
90.0823

■ 48.0188, 25.1397,
89.5117

■ 46.0533, 22.6776,
89.1400

■ 44.6096, 21.2302,
88.9367

Harmonies

Analogous

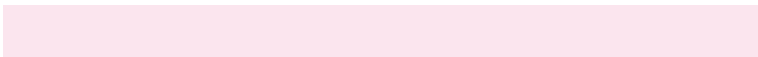
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5706, 83.0387, 103.1414



82.5187, 83.0387, 98.8677



83.5092, 83.0387, 92.4648

Triad

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



82.5187, 83.0387, 98.8677



79.6383, 83.0387, 78.1366



74.7515, 83.0387, 95.1744

Complementary

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



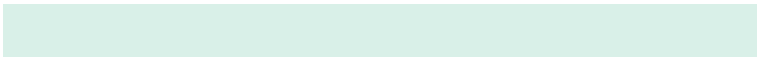
82.5187, 83.0387, 98.8677



80.9869, 89.0069, 88.5170

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.



74.5132, 83.0387, 88.3957



82.5187, 83.0387, 98.8677



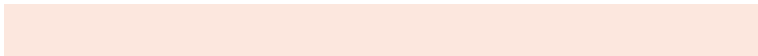
77.3035, 83.0387, 78.7810

Square

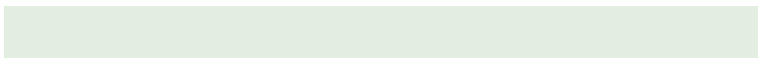
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5187, 83.0387, 98.8677



81.8245, 83.0387, 80.6517



75.4387, 83.0387, 82.4584



76.0963, 83.0387, 100.9361

Rectangle

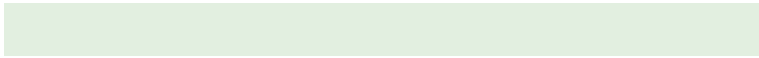
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.5187, 83.0387, 98.8677



83.4799, 83.0387, 87.9443



75.4387, 83.0387, 82.4584



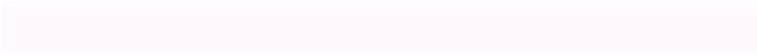
74.5404, 83.0387, 92.9316

Sweetspot

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



82.5211, 83.0423, 98.8695



93.1948, 96.6603, 108.3532



78.8027, 82.0661, 98.8771



19.9670, 20.7243, 23.1978



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.



82.5211, 83.0423, 98.8695



88.7473, 88.6866, 107.0485



82.4244, 83.0842, 94.7184



17.2975, 17.2098, 20.9527



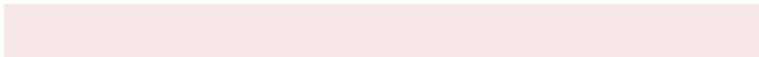
23.6424, 11.1624, 47.4465



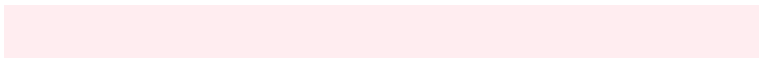
2.1370, 1.0115, 4.1728

Inverse Universe

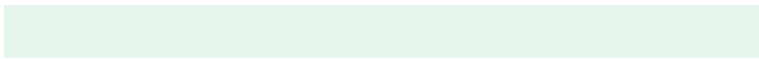
The Inverse Universe completely reimagines the original color for something new.



81.2928, 82.6316, 88.7598



87.2261, 88.1787, 94.4957



81.0903, 88.9733, 92.4503



16.9766, 17.1028, 18.3003



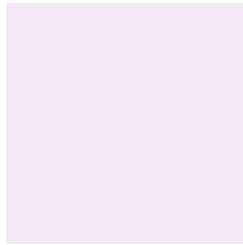
20.4597, 10.5273, 1.8635



1.8258, 0.9363, 0.3091

Previews

White Background



This preview shows how the XYZ color 82.5187, 83.0387, 98.8677 looks on a white background.

Color Contrast Check

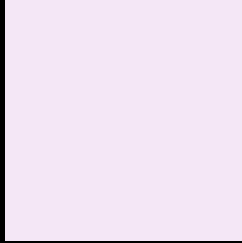
Large Text (above 18pt) WCAG AA × Fail

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 82.5187, 83.0387, 98.8677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

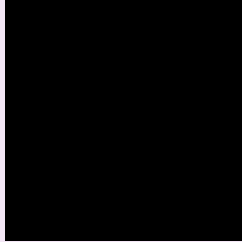
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

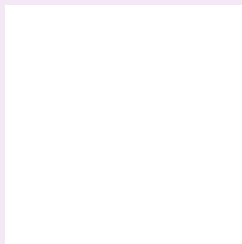
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.5187, 83.0387, 98.8677

Background



This preview shows how black text looks on a background with the XYZ color 82.5187, 83.0387, 98.8677.



This preview shows how white text looks on a background with the XYZ color 82.5187, 83.0387,

98.8677.

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

82.5187, 83.0387, 98.8677

Protanopia

80.9582, 83.4558, 100.6486

Deuteranopia

84.6768, 82.8977, 99.5336



Tritanopia

82.9830, 83.2245, 101.3128

Trichromacy



Original Color

82.5187, 83.0387, 98.8677

Protanomaly

81.5240, 83.3439, 99.7859

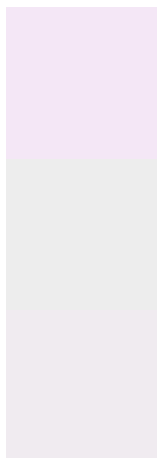
Deuteranomaly

83.8747, 82.8938, 99.5751

Tritanomaly

82.8274, 83.1622, 100.4934

Monochromacy



Original Color

82.5187, 83.0387, 98.8677

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.3717, 84.2332, 94.4080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5187, 83.0387, 98.8677 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(244, 231, 246)` looks like.

```
.text, #text, p{  
    color:rgb(244, 231, 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(244, 231, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 231, 246) }
```

Border

The CSS property to change the border of an element to XYZ 82.5187, 83.0387, 98.8677 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(244, 231, 246) }
```


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

```
.border{ border-color:rgb(244, 231, 246) }
```

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

Here you see how a box with a 4 pixel rgb(244, 231, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 231, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 231, 246);  
box-shadow:4px 4px 4px 4px rgb(244, 231,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5187, 83.0387, 98.8677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 231, 246) }
```

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

```
.background{ background-color: rgb(244,  
231, 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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