

Converting Colors

XYZ(82.5826, 81.8535, 97.8329)

Have a look what the booklet for XYZ(82.5826, 81.8535, 97.8329) contains.

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Color

**XYZ(82.5826, 81.8535,
97.8329)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E4F5
RGB	247, 228, 245
RGB Percent	97%, 89%, 96%
CMY	0.0314, 0.1059, 0.0392
CMYK	0.00, 0.08, 0.01, 0.03
HSL	306°, 54%, 93%
HSV	306°, 8%, 97%
XYZ	82.5826, 81.8535, 97.8329
YIQ	235.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

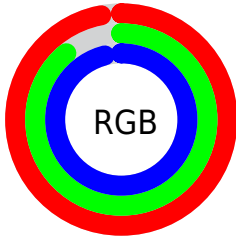
Format	Color
R _{YB}	247, 228, 245
Decimal	16246005
CIE Lab	92.51, 9.40, -5.91
CIE LCh	93, 11.097, 327.851
Yxy	81.8535, 0.3149, 0.3121
Android (android.graphics.Color)	4294436085 (0xFF7E4F5)
YUV	235.6190, 4.6248, 9.9811
Hunter-Lab	90.4729, 4.6050, -0.7822

Details

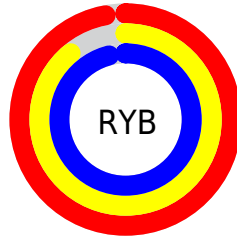
The XYZ color **82.5826, 81.8535, 97.8329** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.5417, 88.7309, 87.8017**, and the grayscale version is **79.4022, 83.5373, 90.9721**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6147, 44.6376, 54.3559** is the 20% darker color. If you saturate the color by 10%, you get **75.8738, 69.0657, 93.6523**, and if you desaturate by 10%, it is **90.2724, 96.5921, 102.3700**.

Distribution



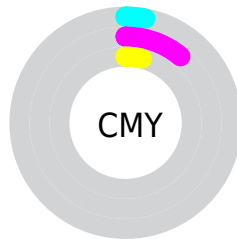
- Red (97%)
- Green (89%)
- Blue (96%)



- Red (97%)
- Yellow (89%)
- Blue (96%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5826, 81.8535, 97.8329 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 82.5826, 81.8535, 97.8329 by changing the saturation by 10% instead.

 82.5826, 81.8535,
97.8329

 82.5826, 81.8535,
97.8329


492.1994,
501.1575, 574.4094

 62.1616, 61.2448,
73.8852


135.9223,
135.9685, 160.2017

 45.4194, 44.4227,
54.2038


169.5717,
170.2437, 199.4599

 31.9906, 31.0030,
38.3704


208.3613,
209.8430, 244.6586

 21.5098, 20.6011,
25.9662

252.6564,
255.1510, 296.2164

 13.6117, 12.8328,
16.5728

302.8224,
306.5521, 354.5518

 7.9310, 7.3135,
9.7717

359.2247,

 4.1023, 3.6589,

364.4306, 420.0834

5.1442

422.2285,
429.1710, 493.2298

■ 1.7602, 1.4847,
2.2719

■ 0.4935, 0.2779,
0.7154

■ 82.5826, 81.8535,
97.8329

■ 82.5826, 81.8535,
97.8329

■ 75.8738, 69.0657,
93.6523

■ 90.2724, 96.5921,
102.3700

■ 70.0979, 58.1361,
89.8091

■ 91.4055, 98.2093,
104.7482

■ 65.2135, 48.9804,
86.2904

■ 91.8167, 98.3738,
106.9135

■ 61.1731, 41.5040,
83.0802

■ 92.1684, 98.5145,
108.7651

■ 57.9248, 35.6031,
80.1612

■ 55.4111, 31.1625,
77.5140

■ 53.5665, 28.0516,
75.1167

■ 52.3140, 26.1160,
72.9435

■ 51.5508, 25.1505,
70.9601

Harmonies

Analogous

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



80.4151, 81.8535, 103.8951



82.5826, 81.8535, 97.8329



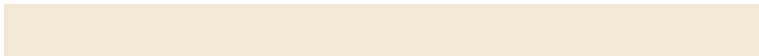
83.4652, 81.8535, 89.7207

Triad

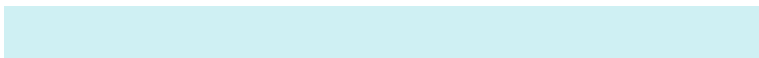
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5826, 81.8535, 97.8329



78.0072, 81.8535, 74.1972



73.0051, 81.8535, 96.7407

Complementary

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



82.5826, 81.8535, 97.8329



79.5417, 88.7309, 87.8017

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.



72.3957, 81.8535, 88.5311



82.5826, 81.8535, 97.8329



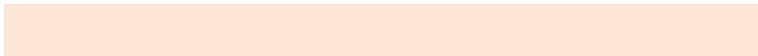
75.2409, 81.8535, 75.8248

Square

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



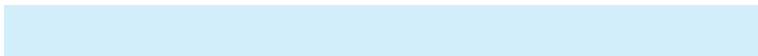
82.5826, 81.8535, 97.8329



80.7834, 81.8535, 76.3601



73.2044, 81.8535, 80.9489



74.8896, 81.8535, 103.2376

Rectangle

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



82.5826, 81.8535, 97.8329



83.1903, 81.8535, 84.3510



73.2044, 81.8535, 80.9489



72.6464, 81.8535, 94.0749

Sweetspot

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



82.5850, 81.8570, 97.8347



93.3582, 96.7545, 107.9101



77.1364, 79.0127, 99.1825



20.0002, 20.7434, 23.1076



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.



82.5850, 81.8570, 97.8347



87.7740, 86.0667, 104.5674



81.1862, 81.2975, 90.4686



17.1340, 16.7365, 20.4523



27.2196, 13.2313, 37.4605



2.4135, 1.1714, 3.4040

Inverse Universe

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



82.5850, 81.8570, 97.8347



87.7740, 86.0667, 104.5674



80.8976, 89.2733, 94.9418



17.1340, 16.7365, 20.4523



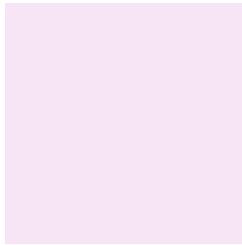
27.2196, 13.2313, 37.4605



2.4135, 1.1714, 3.4040

Previews

White Background



This preview shows how the XYZ color 82.5826, 81.8535, 97.8329 looks on a white background.

Color Contrast Check

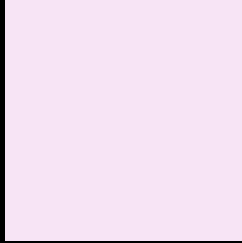
Large Text (above 18pt) WCAG AA × Fail

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 82.5826, 81.8535, 97.8329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

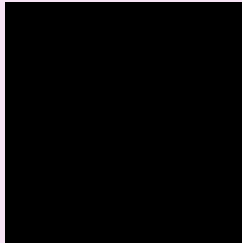
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5826, 81.8535, 97.8329

Background



This preview shows how black text looks on a background with the XYZ color 82.5826, 81.8535, 97.8329.



This preview shows how white text looks on a background with the XYZ color 82.5826, 81.8535,

97.8329.

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

82.5826, 81.8535, 97.8329

Protanopia

79.5768, 81.9211, 99.6139

Deuteranopia

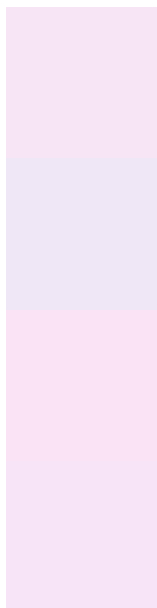
83.7342, 82.0400, 97.8082



Tritanopia

82.7357, 81.9148, 98.6393

Trichromacy



Original Color

82.5826, 81.8535, 97.8329

Protanomaly

80.8071, 82.1564, 98.7876

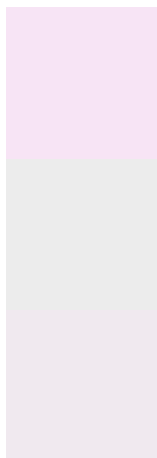
Deuteranomaly

83.3749, 81.8547, 97.7914

Tritanomaly

82.7357, 81.9148, 98.6393

Monochromacy



Original Color

82.5826, 81.8535, 97.8329

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.6541, 83.0351, 93.4378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5826, 81.8535, 97.8329 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(247, 228, 245) looks like.

```
.text, #text, p{  
    color:rgb(247, 228, 245)  
}
```

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(247, 228, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 228, 245) }
```

Border

The CSS property to change the border of an element to XYZ 82.5826, 81.8535, 97.8329 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(247, 228, 245) }
```


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

```
.border{ border-color:rgb(247, 228, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 228, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 228, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 228, 245);  
box-shadow:4px 4px 4px 4px rgb(247, 228,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5826, 81.8535, 97.8329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 228, 245) }
```

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

```
.background{ background-color: rgb(247,  
228, 245) }
```

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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