

Converting Colors

XYZ(82.7310, 82.3896, 99.3386)

Have a look what the booklet for
XYZ(82.7310, 82.3896, 99.3386)
contains.

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Color

**XYZ(82.8138, 82.3469,
99.5255)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E5F7
RGB	246, 229, 247
RGB Percent	96%, 90%, 97%
CMY	0.0353, 0.1019, 0.0314
CMYK	0.00, 0.07, 0.00, 0.03
HSL	297°, 53%, 93%
HSV	297°, 7%, 97%
XYZ	82.8138, 82.3469, 99.5255
YIQ	236.1350, 4.3540, 9.2020

Conversions

Conversions Part 2

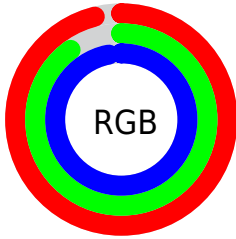
Format	Color
R_{YB}	246, 229, 247
Decimal	16180727
CIE Lab	92.73, 8.90, -6.64
CIE LCh	93, 11.104, 323.296
Yxy	82.3469, 0.3129, 0.3111
Android (android.graphics.Color)	4294370807 (0xFFFF6E5F7)
YUV	236.1350, 5.3564, 8.6516
Hunter-Lab	90.7452, 4.0945, -1.5051

Details

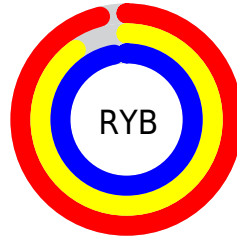
The XYZ color **82.8138, 82.3469, 99.5255** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.0400, 89.0040, 87.0940**, and the grayscale version is **79.7922, 83.9476, 91.4189**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7752, 44.9808, 55.5598** is the 20% darker color. If you saturate the color by 10%, you get **75.9810, 69.3924, 97.3864**, and if you desaturate by 10%, it is **90.6272, 97.2549, 101.9925**.

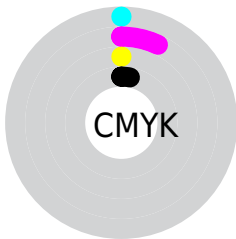
Distribution



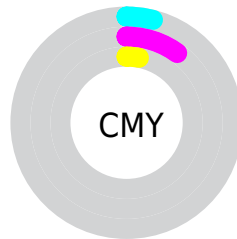
- Red (96%)
- Green (90%)
- Blue (97%)



- Red (96%)
- Yellow (90%)
- Blue (97%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)





- Cyan (4%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.8138, 82.3469, 99.5255 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 82.8138, 82.3469, 99.5255 by changing the saturation by 10% instead.

 82.8138, 82.3469,
99.5255

 82.8138, 82.3469,
99.5255


492.9591,
502.8073, 579.9040

 62.3529, 61.6515,
75.2896


136.2445,
136.6604, 162.5511

 45.5746, 44.7512,
55.3471


169.9451,
171.0472, 202.1780

 32.1135, 31.2615,
39.2792


208.7896,
210.7667, 247.7723

 21.6042, 20.7980,
26.6675

253.1435,
256.2032, 299.7526

 13.6813, 12.9765,
17.0934

303.3720,
307.7412, 358.5373

 7.9796, 7.4123,
10.1385

359.8405,

 4.1336, 3.7213,

365.7649, 424.5451

5.3841

422.9144,
430.6588, 498.1945

■ 1.7780, 1.5189,
2.4117

■ 0.5043, 0.3020,
0.7928

■ 82.8138, 82.3469,
99.5255

■ 82.8138, 82.3469,
99.5255

■ 75.9810, 69.3924,
97.3864

■ 90.6272, 97.2549,
101.9925

■ 70.0809, 58.2992,
95.5561

■ 91.5255, 98.3288,
102.1524

■ 65.0721, 48.9832,
94.0220

■ 92.0161, 98.5816,
102.1753

■ 60.9073, 41.3501,
92.7681

■ 92.5101, 98.8364,
102.1985

■ 57.5348, 35.2965,
91.7774

■ 93.0078, 99.0929,
102.2218

■ 54.8975, 30.7078,
91.0307

■ 93.5091, 99.3513,
102.2452

■ 52.9302, 27.4540,
90.5064

■ 93.7887, 99.4955,
102.2583

■ 51.5564, 25.3821,
90.1788

■ 50.6770, 24.2936,
90.0151

Harmonies

Analogous

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



80.4891, 82.3469, 105.1061



82.8138, 82.3469, 99.5255



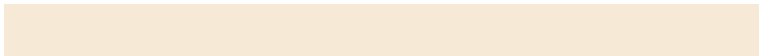
83.9245, 82.3469, 91.5345

Triad

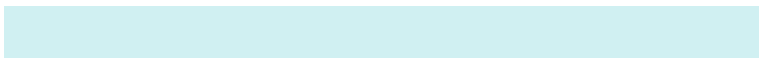
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8138, 82.3469, 99.5255



78.9195, 82.3469, 74.7506



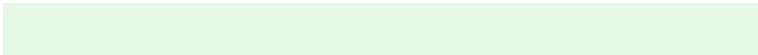
73.2689, 82.3469, 96.1118

Complementary

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



82.8138, 82.3469, 99.5255



80.0400, 89.0040, 87.0940

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.



72.8720, 82.3469, 87.8147



82.8138, 82.3469, 99.5255



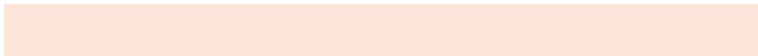
76.0886, 82.3469, 75.8097

Square

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



82.8138, 82.3469, 99.5255



81.6406, 82.3469, 77.4849



73.8922, 82.3469, 80.4723



74.9901, 82.3469, 103.0519

Rectangle

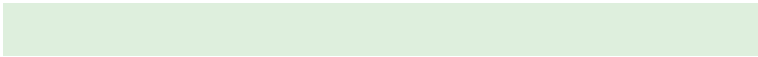
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.8138, 82.3469, 99.5255



83.8082, 82.3469, 86.0471



73.8922, 82.3469, 80.4723



72.9780, 82.3469, 93.3763

Sweetspot

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



82.8162, 82.3504, 99.5273



93.3403, 96.7354, 108.3600



77.4578, 80.0826, 99.3720



19.9966, 20.7395, 23.1991



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.



82.8162, 82.3504, 99.5273



87.6930, 85.9803, 106.5817



81.9893, 82.0603, 93.3369



17.1173, 16.7186, 20.8674



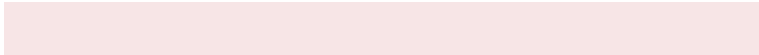
26.7390, 12.7588, 47.5914



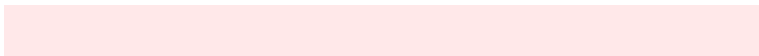
2.3774, 1.1354, 4.1841

Inverse Universe

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



80.6630, 81.5298, 86.3528



84.8652, 84.9032, 89.2499



80.8336, 89.2844, 92.9439



16.5365, 16.4974, 17.3056



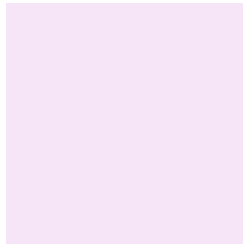
20.3429, 10.4806, 1.2479



1.8008, 0.9263, 0.1775

Previews

White Background



This preview shows how the XYZ color 82.8138, 82.3469, 99.5255 looks on a white background.

Color Contrast Check

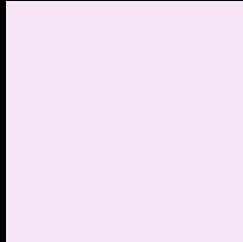
Large Text (above 18pt) WCAG AA × Fail

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 82.8138, 82.3469, 99.5255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

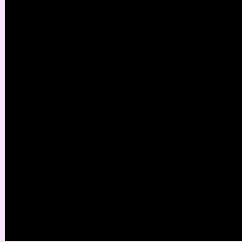
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.8138, 82.3469, 99.5255

Background



This preview shows how black text looks on a background with the XYZ color 82.8138, 82.3469, 99.5255.



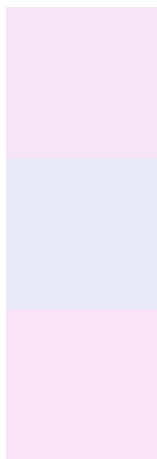
This preview shows how white text looks on a background with the XYZ color 82.8138, 82.3469,

99.5255.

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

82.8138, 82.3469, 99.5255

Protanopia

80.1695, 82.6098, 101.3424

Deuteranopia

84.0412, 82.1628, 99.4252



Tritanopia

82.8138, 82.3469, 99.5255

Trichromacy



Original Color

82.8138, 82.3469, 99.5255

Protanomaly

81.0598, 82.6677, 100.4911

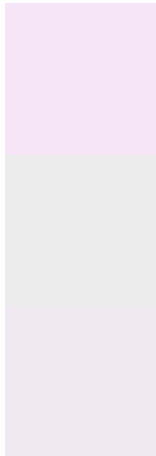
Deuteranomaly

83.5988, 82.3419, 99.4831

Tritanomaly

82.8138, 82.3469, 99.5255

Monochromacy



Original Color

82.8138, 82.3469, 99.5255

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.8023, 83.0944, 94.2182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8138, 82.3469, 99.5255 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(246, 229, 247) looks like.

```
.text, #text, p{  
    color:rgb(246, 229, 247)  
}
```

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(246, 229, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 229, 247) }
```

Border

The CSS property to change the border of an element to XYZ 82.8138, 82.3469, 99.5255 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(246, 229, 247) }
```


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

```
.border{ border-color:rgb(246, 229, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 229, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 229, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 229, 247);  
box-shadow:4px 4px 4px 4px rgb(246, 229,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8138, 82.3469, 99.5255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 229, 247) }
```

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

```
.background{ background-color: rgb(246,  
229, 247) }
```

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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