

Converting Colors

XYZ(82.5454, 83.8705, 99.8337)

Have a look what the booklet for
XYZ(82.5454, 83.8705, 99.8337)
contains.

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Color

**XYZ(82.5454, 83.8705,
99.8337)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E9F7
RGB	242, 233, 247
RGB Percent	95%, 91%, 97%
CMY	0.0510, 0.0863, 0.0314
CMYK	0.02, 0.06, 0.00, 0.03
HSL	279°, 47%, 94%
HSV	279°, 6%, 97%
XYZ	82.5454, 83.8705, 99.8337
YIQ	237.2870, 0.8700, 6.2620

Conversions

Conversions Part 2

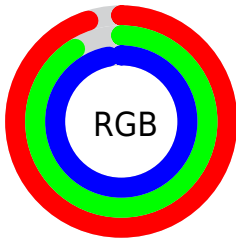
Format	Color
R _Y B	242, 233, 247
Decimal	15919607
CIE Lab	93.39, 5.51, -5.69
CIE LCh	93, 7.921, 314.108
Yxy	83.8705, 0.3100, 0.3150
Android (android.graphics.Color)	4294109687 (0xFF2E9F7)
YUV	237.2870, 4.7885, 4.1333
Hunter-Lab	91.5808, 0.6226, -0.5264

Details

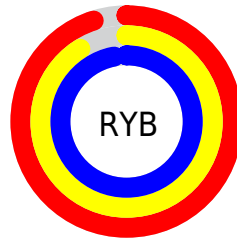
The XYZ color **82.5454, 83.8705, 99.8337** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.2317, 90.5841, 90.1927**, and the grayscale version is **80.6833, 84.8851, 92.4398**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3758, 45.6450, 55.7090** is the 20% darker color. If you saturate the color by 10%, you get **73.0816, 69.3300, 97.5272**, and if you desaturate by 10%, it is **92.2695, 98.7123, 102.1872**.

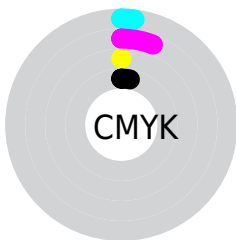
Distribution



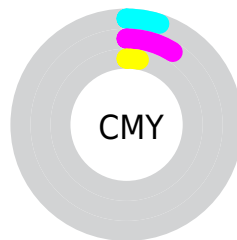
- Red (95%)
- Green (91%)
- Blue (97%)



- Red (95%)
- Yellow (91%)
- Blue (97%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)





- Cyan (5%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.5454, 83.8705, 99.8337 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 82.5454, 83.8705, 99.8337 by changing the saturation by 10% instead.


 82.5454, 83.8705,
99.8337

 82.5454, 83.8705,
99.8337


492.0771,
507.8831, 580.9015

 62.1308, 62.9085,
75.5456


135.8704,
138.7940, 162.9785

 45.3944, 45.7672,
55.5555


169.5116,
173.5243, 202.6723

 31.9708, 32.0622,
39.4451


208.2923,
213.6129, 248.3383

 21.4946, 21.4090,
26.7956

252.5780,
259.4441, 300.3951

 13.6006, 13.4233,
17.1887

302.7339,
311.4023, 359.2613

 7.9232, 7.7207,
10.2058

359.1255,

 4.0972, 3.9167,

369.8720, 425.3554

5.4282

422.1181,
435.2374, 499.0960

■ 1.7573, 1.6271,
2.4375

■ 0.4917, 0.3758,
0.8068

■ 82.5454, 83.8705,
99.8337

■ 82.5454, 83.8705,
99.8337

■ 73.0816, 69.3300,
97.5272

■ 92.2695, 98.7123,
102.1872

■ 64.6978, 56.7367,
95.5383

■ 93.7887, 99.4955,
102.2583

■ 57.3511, 46.0067,
93.8544

■ 50.9926, 37.0457,
92.4599

■ 45.5694, 29.7508,
91.3376

■ 41.0230, 24.0083,
90.4689

■ 37.2875, 19.6899,
89.8322

■ 34.2863, 16.6458,
89.4028

■ 31.9253, 14.6913,
89.1500

Harmonies

Analogous

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



80.6997, 83.8705, 102.9400



82.5454, 83.8705, 99.8337



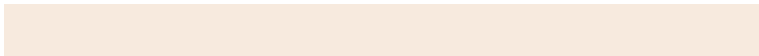
83.6430, 83.8705, 94.5076

Triad

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



82.5454, 83.8705, 99.8337



80.8215, 83.8705, 80.6958



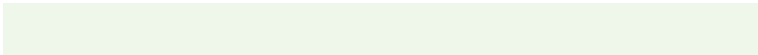
75.8833, 83.8705, 94.1540

Complementary

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



82.5454, 83.8705, 99.8337



83.2317, 90.5841, 90.1927

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.



75.9146, 83.8705, 88.2063



82.5454, 83.8705, 99.8337



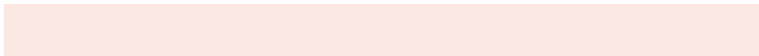
78.7411, 83.8705, 80.6105

Square

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



82.5454, 83.8705, 99.8337



82.6360, 83.8705, 83.5445



76.9528, 83.8705, 83.3060



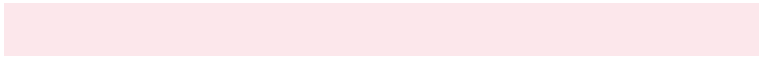
76.8664, 83.8705, 99.5651

Rectangle

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



82.5454, 83.8705, 99.8337



83.7910, 83.8705, 90.4990



76.9528, 83.8705, 83.3060



75.7761, 83.8705, 92.1474

Sweetspot

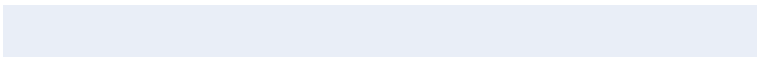
The Sweet Spot groups the original color and five complimentary colors.



82.5478, 83.8741, 99.8355



92.7774, 96.4452, 108.3336



81.0094, 85.2693, 100.1859



19.8820, 20.6805, 23.1938



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.



82.5478, 83.8741, 99.8355



87.3105, 87.9459, 106.9812



84.0010, 84.6563, 98.4076



16.9935, 17.0531, 20.9385



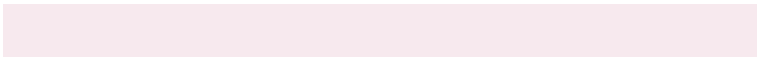
16.5764, 7.5198, 47.1158



1.5686, 0.7185, 4.1462

Inverse Universe

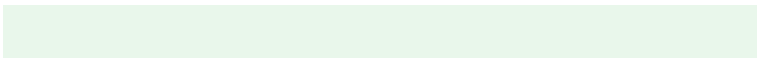
The Inverse Universe completely reimagines the original color for something new.



82.9323, 84.2288, 92.7799



87.8250, 88.4182, 97.6491



81.8442, 89.8378, 91.5270



17.1028, 17.1532, 18.9648



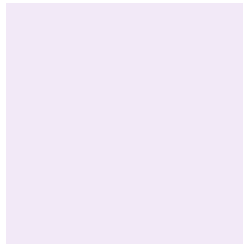
21.2843, 10.8572, 6.2055



1.9179, 0.9731, 0.7939

Previews

White Background



This preview shows how the XYZ color 82.5454, 83.8705, 99.8337 looks on a white background.

Color Contrast Check

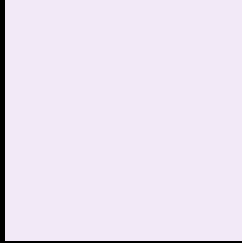
Large Text (above 18pt) WCAG AA × Fail

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 82.5454, 83.8705, 99.8337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

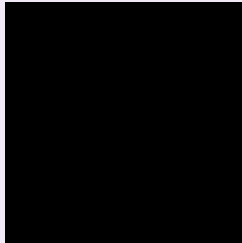
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

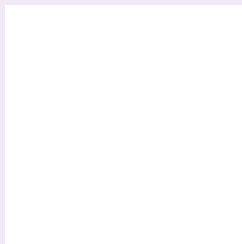
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.5454, 83.8705, 99.8337

Background



This preview shows how black text looks on a background with the XYZ color 82.5454, 83.8705, 99.8337.



This preview shows how white text looks on a background with the XYZ color 82.5454, 83.8705,

99.8337.

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

82.5454, 83.8705, 99.8337

Protanopia

81.5767, 84.1985, 100.7593

Deuteranopia

85.8356, 83.8868, 100.4747



Tritanopia

83.2313, 83.7329, 103.0421

Trichromacy



Original Color

82.5454, 83.8705, 99.8337

Protanomaly

81.9627, 83.9737, 100.6956

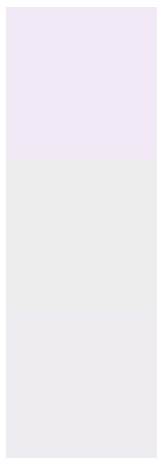
Deuteranomaly

84.6644, 83.6949, 100.4994

Tritanomaly

83.0741, 83.6700, 102.2139

Monochromacy



Original Color

82.5454, 83.8705, 99.8337

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.4692, 84.6925, 95.2725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5454, 83.8705, 99.8337 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(242, 233, 247) looks like.

```
.text, #text, p{  
    color:rgb(242, 233, 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(242, 233, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 233, 247) }
```

Border

The CSS property to change the border of an element to XYZ 82.5454, 83.8705, 99.8337 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(242, 233, 247) }
```


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

```
.border{ border-color:rgb(242, 233, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 233, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 233, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 233, 247);  
box-shadow:4px 4px 4px 4px rgb(242, 233,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5454, 83.8705, 99.8337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 233, 247) }
```

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

```
.background{ background-color: rgb(242,  
233, 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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