

Converting Colors

XYZ(81.6244, 83.2939, 95.9458)

Have a look what the booklet for
XYZ(81.6244, 83.2939, 95.9458)
contains.

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Color

**XYZ(81.7839, 83.5659,
95.8238)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E9F2
RGB	242, 233, 242
RGB Percent	95%, 91%, 95%
CMY	0.0510, 0.0863, 0.0510
CMYK	0.00, 0.04, 0.00, 0.05
HSL	300°, 26%, 93%
HSV	300°, 4%, 95%
XYZ	81.7839, 83.5659, 95.8238
YIQ	236.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

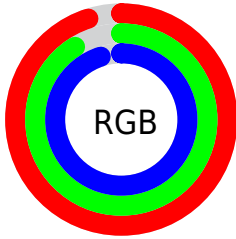
Format	Color
R _Y B	242, 233, 242
Decimal	15919602
CIE Lab	93.26, 4.61, -3.28
CIE LCh	93, 5.660, 324.594
Yxy	83.5659, 0.3131, 0.3200
Android (android.graphics.Color)	4294109682 (0xFF F2 E9 F2)
YUV	236.7170, 2.6045, 4.6332
Hunter-Lab	91.4144, -0.2801, 1.8402

Details

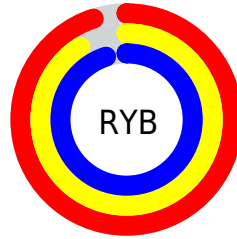
The XYZ color **81.7839, 83.5659, 95.8238** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.0676, 86.7134, 89.6124**, and the grayscale version is **80.2600, 84.4398, 91.9549**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8348, 45.4286, 52.8599** is the 20% darker color. If you saturate the color by 10%, you get **75.3985, 70.7940, 93.6964**, and if you desaturate by 10%, it is **88.4058, 96.8084, 98.0321**.

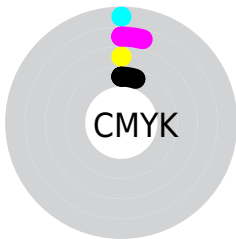
Distribution



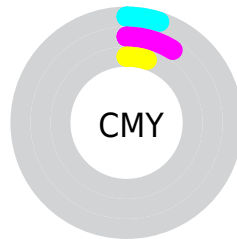
- Red (95%)
- Green (91%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.7839, 83.5659, 95.8238 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 81.7839, 83.5659, 95.8238 by changing the saturation by 10% instead.

81.7839, 83.5659,
95.8238

81.7839, 83.5659,
95.8238

489.5700,
506.8706, 567.8505

61.5009, 62.6571,
72.2201

134.8083,
138.3678, 157.4076

44.8836, 45.5639,
52.8506

168.2805,
173.0296, 196.2248

31.5667, 31.9018,
37.2966

206.8797,
213.0446, 240.9503

21.1847, 21.2865,
25.1396

250.9714,
258.7972, 292.0025

13.3723, 13.3336,
15.9612

300.9210,
310.6716, 349.8002

7.7642, 7.6587,
9.3426

357.0937,

3.9949, 3.8773,

369.0524, 414.7617

4.8655

419.8549,
434.3240, 487.3056

■ 1.6993, 1.6052,
2.1112

■ 0.4558, 0.3611,
0.6224

■ 81.7839, 83.5659,
95.8238

■ 81.7839, 83.5659,
95.8238

■ 75.3985, 70.7940,
93.6964

■ 88.4058, 96.8084,
98.0321

■ 69.9122, 59.8215,
91.8676

■ 88.4058, 96.8085,
98.0321

■ 65.2869, 50.5707,
90.3258

■ 88.4058, 96.8085,
98.0321

■ 61.4788, 42.9545,
89.0565

■ 88.4058, 96.8085,
98.0321

58.4404, 36.8778,
88.0437

88.4059, 96.8085,
98.0321

56.1194, 32.2358,
87.2700

88.4059, 96.8085,
98.0321

54.4568, 28.9107,
86.7158

88.4059, 96.8085,
98.0321

53.3845, 26.7661,
86.3584

88.4059, 96.8085,
98.0321

52.8193, 25.6358,
86.1700

88.4059, 96.8085,
98.0321

Harmonies

Analogous

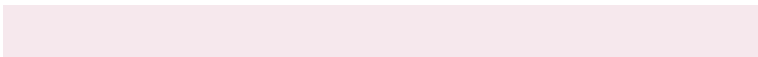
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.6247, 83.5659, 98.6519



81.7839, 83.5659, 95.8238



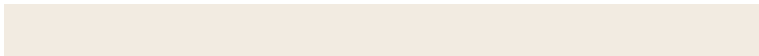
82.3121, 83.5659, 91.7639

Triad

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



81.7839, 83.5659, 95.8238



79.6970, 83.5659, 83.0660



76.8514, 83.5659, 94.4452

Complementary

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



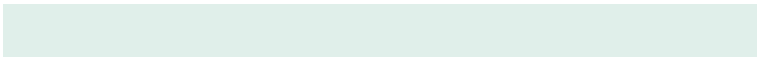
81.7839, 83.5659, 95.8238



80.0676, 86.7134, 89.6124

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.



76.6099, 83.5659, 90.2186



81.7839, 83.5659, 95.8238



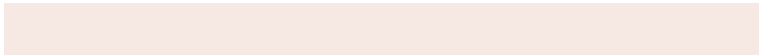
78.2410, 83.5659, 83.7337

Square

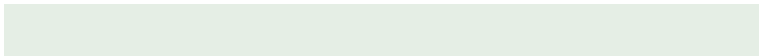
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7839, 83.5659, 95.8238



81.0976, 83.5659, 84.4668



77.1156, 83.5659, 86.3197



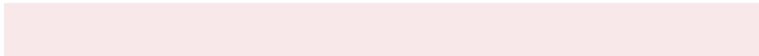
77.7793, 83.5659, 97.8387

Rectangle

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



81.7839, 83.5659, 95.8238



82.2305, 83.5659, 88.9382



77.1156, 83.5659, 86.3197



76.6877, 83.5659, 93.0712

Sweetspot

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



81.7863, 83.5695, 95.8256



94.2419, 98.3838, 108.6306



78.8164, 82.1015, 95.6988



20.1802, 21.0752, 23.2543



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.



81.7863, 83.5695, 95.8256



91.8819, 93.6639, 107.8440



81.1408, 83.3113, 92.4265



17.1073, 17.3373, 20.1664



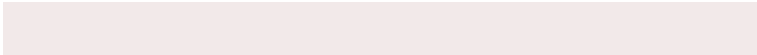
28.2812, 13.5849, 46.2594



2.3527, 1.1301, 3.8484

Inverse Universe

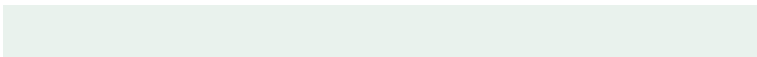
The Inverse Universe completely reimagines the original color for something new.



80.4678, 83.0421, 88.8827



90.2828, 93.0242, 99.4233



80.6966, 86.9650, 92.9248



16.7553, 17.1965, 18.3133



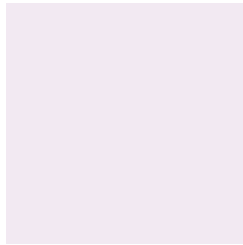
19.6715, 10.1410, 0.9206



1.6365, 0.8436, 0.0766

Previews

White Background



This preview shows how the XYZ color 81.7839, 83.5659, 95.8238 looks on a white background.

Color Contrast Check

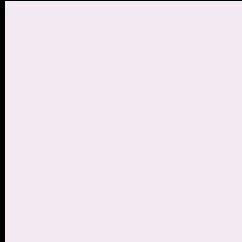
Large Text (above 18pt) WCAG AA × Fail

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 81.7839, 83.5659, 95.8238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

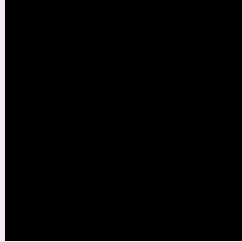
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

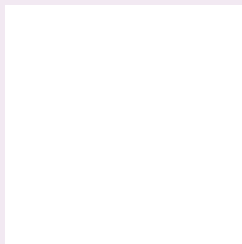
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.7839, 83.5659, 95.8238

Background



This preview shows how black text looks on a background with the XYZ color 81.7839, 83.5659, 95.8238.



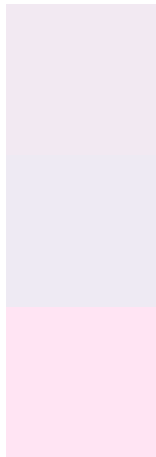
This preview shows how white text looks on a background with the XYZ color 81.7839, 83.5659,

95.8238.

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

81.7839, 83.5659, 95.8238

Protanopia

80.8604, 83.4938, 96.6481

Deuteranopia

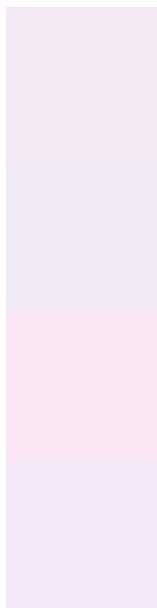
85.1611, 83.2179, 96.3682



Tritanopia

83.0741, 83.6700, 102.2139

Trichromacy



Original Color

81.7839, 83.5659, 95.8238

Protanomaly

81.1971, 83.6674, 96.6639

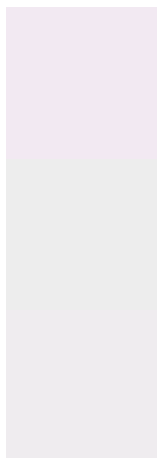
Deuteranomaly

83.8988, 83.3887, 96.4677

Tritanomaly

82.6073, 83.4833, 99.7557

Monochromacy



Original Color

81.7839, 83.5659, 95.8238

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.1720, 84.5736, 93.7075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7839, 83.5659, 95.8238 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, 242) looks like.

```
.text, #text, p{  
    color:rgb(242, 233, 242)  
}
```

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, 242) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 81.7839, 83.5659, 95.8238 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, 242) }
```


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

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

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, 242)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 81.7839, 83.5659, 95.8238 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, 242) }
```

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

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

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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