

Converting Colors

XYZ(82.9437, 87.1842, 94.4506)

Have a look what the booklet for
XYZ(82.9437, 87.1842, 94.4506)
contains.

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Color

**XYZ(83.0157, 87.2529,
94.1275)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F0EF
RGB	241, 240, 239
RGB Percent	95%, 94%, 94%
CMY	0.0549, 0.0588, 0.0627
CMYK	0.00, 0.00, 0.01, 0.05
HSL	30°, 7%, 94%
HSV	30°, 1%, 95%
XYZ	83.0157, 87.2529, 94.1275
YIQ	240.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

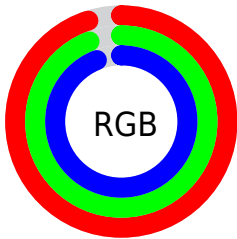
Format	Color
R _{YB}	241, 241, 239
Decimal	15855855
CIE _{Lab}	94.85, 0.16, 0.59
CIE _{LCh}	95, 0.611, 74.619
Yxy	87.2529, 0.3140, 0.3300
Android (android.graphics.Color)	4294045935 (0xFFFF1F0EF)
YUV	240.1850, -0.5842, 0.7148
Hunter-Lab	93.4093, -4.8277, 5.6406

Details

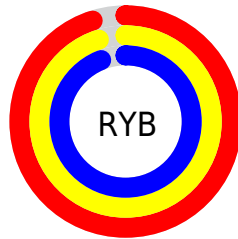
The XYZ color **83.0157, 87.2529, 94.1275** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.6340, 87.0208, 95.6617**, and the grayscale version is **82.9753, 87.2965, 95.0659**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6953, 48.0142, 51.6590** is the 20% darker color. If you saturate the color by 10%, you get **76.2737, 79.0911, 75.4698**, and if you desaturate by 10%, it is **89.1390, 95.5466, 108.3520**.

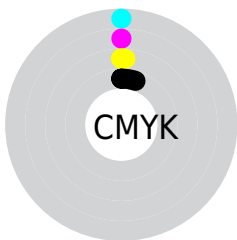
Distribution



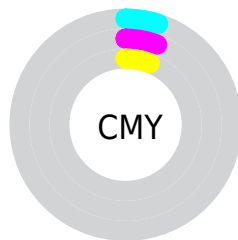
- Red (95%)
- Green (94%)
- Blue (94%)



- Red (95%)
- Yellow (95%)
- Blue (94%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.0157, 87.2529, 94.1275 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 83.0157, 87.2529, 94.1275 by changing the saturation by 10% instead.

83.0157, 87.2529,
94.1275

83.0157, 87.2529,
94.1275

493.6220,
519.0535, 562.2808

62.5201, 65.7045,
70.8161

136.5259,
143.5166, 155.0439

45.7102, 48.0326,
51.7113

170.2711,
179.0007, 193.4859

32.2209, 33.8527,
36.3943

209.1636,
219.8988, 237.8086

21.6866, 22.7804,
24.4468

253.5686,
266.5953, 288.4305

13.7421, 14.4315,
15.4501

303.8517,
319.4747, 345.7702

8.0220, 8.4214,
8.9858

360.3780,

4.1610, 4.3657,

378.9212, 410.2461

4.6352

423.5130,
445.3194, 482.2768

■ 1.7936, 1.8802,
1.9799

■ 0.5138, 0.5364,
0.5429

■ 83.0157, 87.2529,
94.1275

■ 83.0157, 87.2529,
94.1275

■ 76.2737, 79.0911,
75.4698

■ 89.1390, 95.5466,
108.3520

■ 70.2146, 71.5665,
59.2887

■ 90.0862, 97.4411,
108.6677

■ 64.8164, 64.6657,
45.4801

■ 60.0531, 58.3705,
33.9299

■ 55.8965, 52.6619,
24.5147

■ 52.3161, 47.5195,
17.0990

■ 49.2783, 42.9213,
11.5316

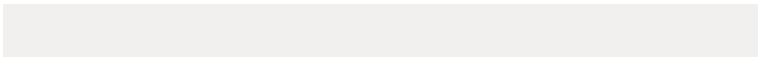
■ 46.7450, 38.8434,
7.6393

■ 44.6716, 35.2587,
5.2153

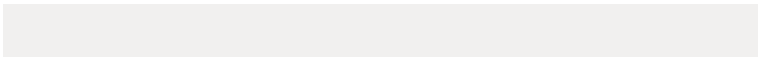
Harmonies

Analogous

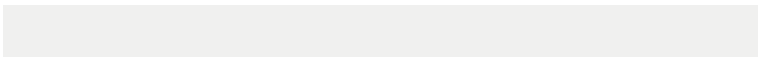
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1580, 87.2529, 94.3648



83.0157, 87.2529, 94.1275



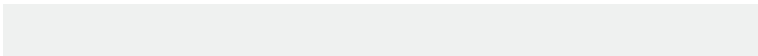
82.8510, 87.2529, 94.1244

Triad

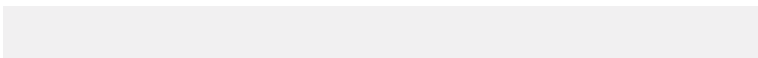
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0157, 87.2529, 94.1275



82.6237, 87.2529, 95.2338



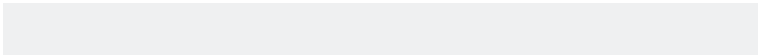
83.1550, 87.2529, 95.6538

Complementary

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



83.0157, 87.2529, 94.1275



82.6340, 87.0208, 95.6617

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.



83.0116, 87.2529, 95.8882



83.0157, 87.2529, 94.1275



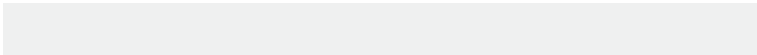
82.7049, 87.2529, 95.6452

Square

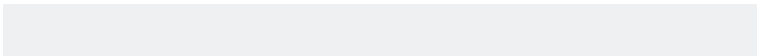
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



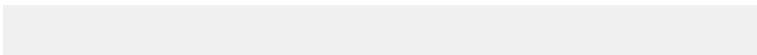
83.0157, 87.2529, 94.1275



82.6248, 87.2529, 94.7620



82.8469, 87.2529, 95.8851



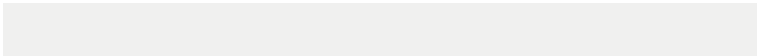
83.2385, 87.2529, 95.2455

Rectangle

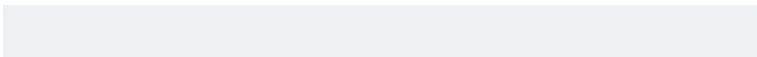
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



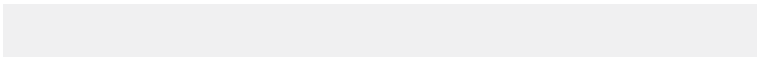
83.0157, 87.2529, 94.1275



82.7506, 87.2529, 94.2555



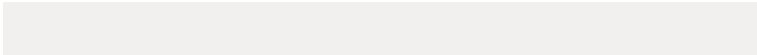
82.8469, 87.2529, 95.8851



83.1122, 87.2529, 95.7556

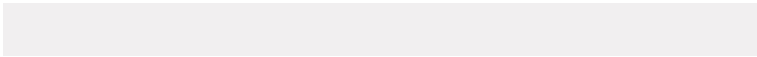
Sweetspot

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



83.0182, 87.2567, 94.1294

95.0500, 100.0000, 108.9000



82.8716, 86.7264, 94.8114



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

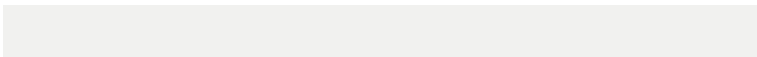
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0182, 87.2567, 94.1294



94.2383, 99.0293, 106.6175



83.3122, 87.8447, 94.2274



17.6608, 18.5599, 19.9948



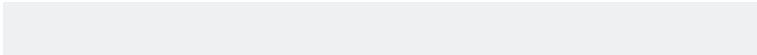
23.5131, 17.8242, 2.2011



2.0556, 1.6819, 0.2163

Inverse Universe

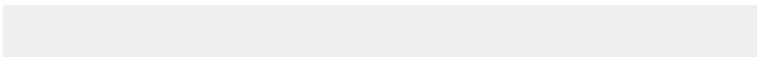
The Inverse Universe completely reimagines the original color for something new.



82.6340, 87.0208, 95.6617



93.7110, 98.7055, 108.7207



82.3416, 86.4360, 95.5643



17.5675, 18.5026, 20.3671



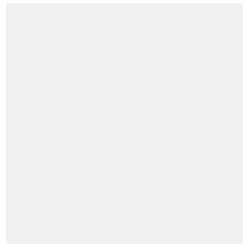
12.3881, 11.0004, 46.5982



1.1300, 1.1141, 3.9097

Previews

White Background



This preview shows how the XYZ color 83.0157, 87.2529, 94.1275 looks on a white background.

Color Contrast Check

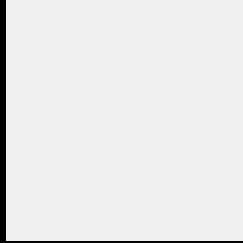
Large Text (above 18pt) WCAG AA × Fail

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 83.0157, 87.2529, 94.1275 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

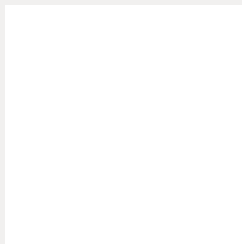
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0157, 87.2529, 94.1275

Background



This preview shows how black text looks on a background with the XYZ color 83.0157, 87.2529, 94.1275.



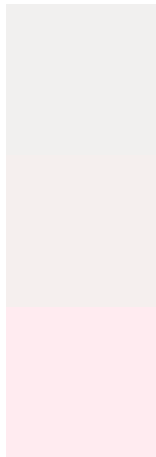
This preview shows how white text looks on a background with the XYZ color 83.0157, 87.2529,

94.1275.

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

83.0157, 87.2529, 94.1275

Protanopia

83.9553, 87.3185, 93.3182

Deuteranopia

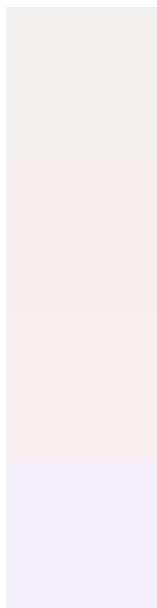
86.6765, 86.9679, 94.6562



Tritanopia

85.5867, 87.4238, 106.9713

Trichromacy



Original Color

83.0157, 87.2529, 94.1275

Protanomaly

83.6073, 87.1391, 93.3019

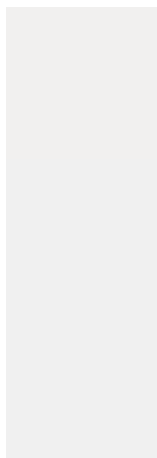
Deuteranomaly

85.4367, 87.1836, 94.7632

Tritanomaly

84.5833, 87.4498, 102.0440

Monochromacy



Original Color

83.0157, 87.2529, 94.1275

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.8234, 87.1367, 94.8919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0157, 87.2529, 94.1275 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(241, 240, 239) looks like.

```
.text, #text, p{  
    color:rgb(241, 240, 239)  
}
```

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(241, 240, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 240, 239) }
```

Border

The CSS property to change the border of an element to XYZ 83.0157, 87.2529, 94.1275 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(241, 240, 239) }
```

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

```
.border{ border-color:rgb(241, 240, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 240, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 240, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 240, 239);  
box-shadow:4px 4px 4px 4px rgb(241, 240,  
239) }
```


Background

The CSS property to change the background color of an element to XYZ 83.0157, 87.2529, 94.1275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 240, 239) }
```

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

```
.background{ background-color: rgb(241,  
240, 239) }
```

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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