

Converting Colors

XYZ(82.2398, 85.1642, 94.7641)

Have a look what the booklet for
XYZ(82.2398, 85.1642, 94.7641)
contains.

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Color

**XYZ(81.9993, 84.9829,
94.5196)**

Conversions

Conversions Part 1

Format	Color
Hex	F1ECF0
RGB	241, 236, 240
RGB Percent	95%, 93%, 94%
CMY	0.0549, 0.0745, 0.0588
CMYK	0.00, 0.02, 0.00, 0.05
HSL	312°, 15%, 94%
HSV	312°, 2%, 95%
XYZ	81.9993, 84.9829, 94.5196
YIQ	237.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

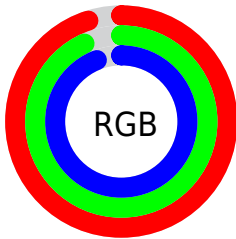
Format	Color
R _Y B	241, 236, 240
Decimal	15854832
CIE Lab	93.88, 2.38, -1.35
CIE LCh	94, 2.738, 330.529
Yxy	84.9829, 0.3136, 0.3250
Android (android.graphics.Color)	4294044912 (0xFFFF1ECF0)
YUV	237.9510, 1.0102, 2.6740
Hunter-Lab	92.1862, -2.5506, 3.7396

Details

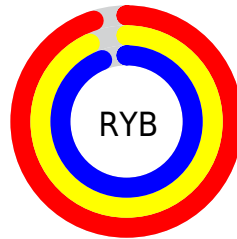
The XYZ color **81.9993, 84.9829, 94.5196** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.3366, 86.8602, 92.6039**, and the grayscale version is **81.2237, 85.4537, 93.0590**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9806, 46.4175, 51.9361** is the 20% darker color. If you saturate the color by 10%, you get **74.8171, 71.7492, 88.6372**, and if you desaturate by 10%, it is **88.4911, 96.8030, 100.2680**.

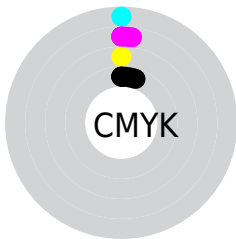
Distribution



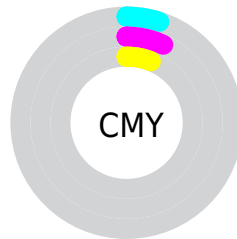
- Red (95%)
- Green (93%)
- Blue (94%)



- Red (95%)
- Yellow (93%)
- Blue (94%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.9993, 84.9829, 94.5196 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 81.9993, 84.9829, 94.5196 by changing the saturation by 10% instead.

81.9993, 84.9829,
94.5196

81.9993, 84.9829,
94.5196

490.2799,
511.5715, 563.5709

61.6791, 63.8273,
71.1405

135.1088,
140.3493, 155.5906

45.0280, 46.5108,
51.9743

168.6289,
175.3288, 194.1196

31.6809, 32.6491,
36.6025

207.2795,
215.6851, 238.5357

21.2722, 21.8577,
24.6065

251.4262,
261.8025, 289.2574

13.4367, 13.7524,
15.5678

301.4342,
314.0655, 346.7032

7.8090, 7.9487,
9.0678

357.6689,

4.0238, 4.0621,

372.8583, 411.2917

4.6880

420.4957,
438.5656, 483.4414

■ 1.7156, 1.7084,
2.0099

■ 0.4660, 0.4291,
0.5613

■ 81.9993, 84.9829,
94.5196

■ 81.9993, 84.9829,
94.5196

■ 74.8171, 71.7492,
88.6372

■ 88.4911, 96.8030,
100.2680

■ 68.5504, 60.3174,
83.1523

■ 89.2368, 97.1013,
104.1946

■ 63.1618, 50.6117,
78.0526

■ 90.0018, 97.4073,
108.2232

■ 58.6084, 42.5467,
73.3232

■ 90.0862, 97.4411,
108.6677

■ 54.8438, 36.0296,
68.9478

■ 51.8168, 30.9585,
64.9086

■ 49.4701, 27.2191,
61.1858

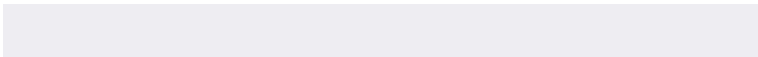
■ 47.7380, 24.6799,
57.7567

■ 46.5410, 23.1824,
54.5939

Harmonies

Analogous

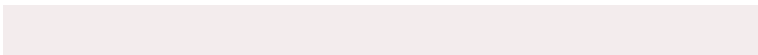
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.4873, 84.9829, 96.0305



81.9993, 84.9829, 94.5196



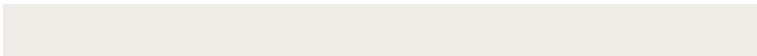
82.1825, 84.9829, 92.4949

Triad

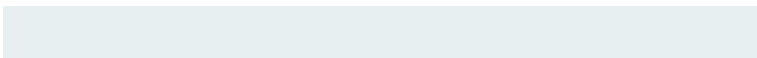
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.9993, 84.9829, 94.5196



80.7608, 84.9829, 88.5783



79.5732, 84.9829, 94.5847

Complementary

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



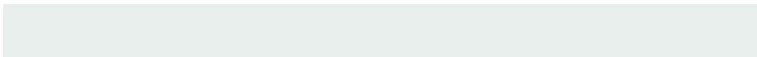
81.9993, 84.9829, 94.5196



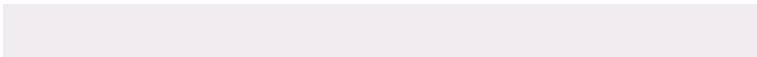
81.3366, 86.8602, 92.6039

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.



79.3811, 84.9829, 92.5690



81.9993, 84.9829, 94.5196



80.0643, 84.9829, 89.1194

Square

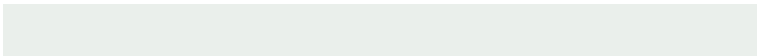
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.9993, 84.9829, 94.5196



81.4648, 84.9829, 89.0833



79.5604, 84.9829, 90.5723



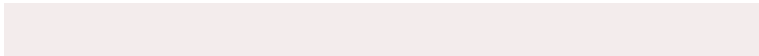
80.0865, 84.9829, 96.0685

Rectangle

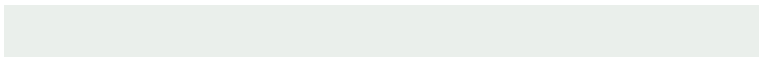
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



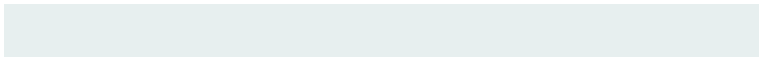
81.9993, 84.9829, 94.5196



82.0926, 84.9829, 91.1323



79.5604, 84.9829, 90.5723



79.4690, 84.9829, 93.9458

Sweetspot

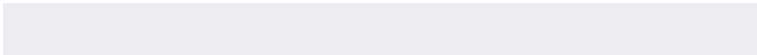
The Sweet Spot groups the original color and five complimentary colors.



82.0017, 84.9866, 94.5214



94.1598, 98.3510, 108.1984



80.8012, 84.3504, 95.2431



20.1635, 21.0685, 23.1663



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

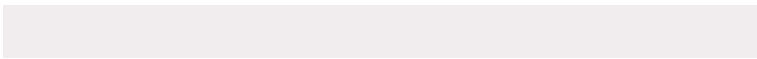
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0017, 84.9866, 94.5214



93.2806, 96.7235, 107.5014



81.6332, 84.8391, 92.5808



17.4912, 18.1516, 20.1513



24.9259, 12.2428, 28.5899



2.1076, 1.0321, 2.5576

Inverse Universe

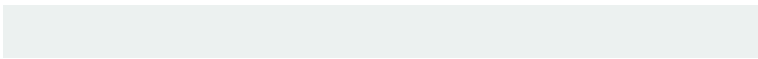
The Inverse Universe completely reimagines the original color for something new.



82.0017, 84.9866, 94.5214



93.2806, 96.7235, 107.5014



81.7042, 87.0073, 94.5393



17.4912, 18.1516, 20.1513



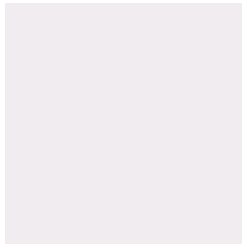
24.9259, 12.2428, 28.5899



2.1076, 1.0321, 2.5576

Previews

White Background



This preview shows how the XYZ color 81.9993, 84.9829, 94.5196 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 81.9993, 84.9829, 94.5196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

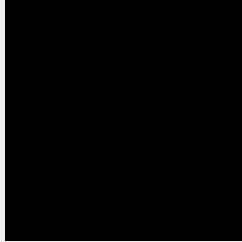
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

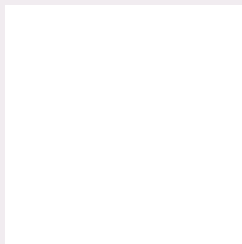
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.9993, 84.9829, 94.5196

Background



This preview shows how black text looks on a background with the XYZ color 81.9993, 84.9829, 94.5196.



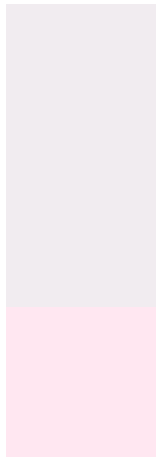
This preview shows how white text looks on a background with the XYZ color 81.9993, 84.9829,

94.5 96.

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

81.9993, 84.9829, 94.5196

Protanopia

81.9993, 84.9829, 94.5196

Deuteranopia

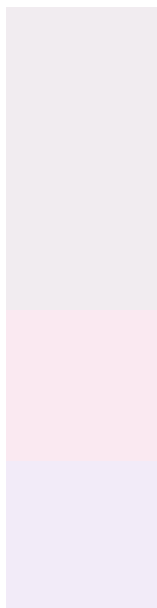
85.6931, 84.7627, 95.0634



Tritanopia

84.1146, 84.9922, 104.9003

Trichromacy



Original Color

81.9993, 84.9829, 94.5196

Protanomaly

81.9993, 84.9829, 94.5196

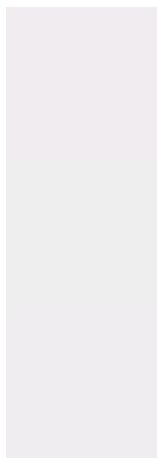
Deuteranomaly

84.4404, 84.9527, 95.1661

Tritanomaly

83.2696, 85.0712, 100.8385

Monochromacy



Original Color

81.9993, 84.9829, 94.5196

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.4608, 85.1511, 93.8037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.9993, 84.9829, 94.5196 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, 236, 240) looks like.

```
.text, #text, p{  
    color:rgb(241, 236, 240)  
}
```

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, 236, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 236, 240) }
```

Border

The CSS property to change the border of an element to XYZ 81.9993, 84.9829, 94.5196 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, 236, 240) }
```


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

```
.border{ border-color:rgb(241, 236, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 236, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 236, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 236, 240);  
box-shadow:4px 4px 4px 4px rgb(241, 236,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9993, 84.9829, 94.5196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 236, 240) }
```

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

```
.background{ background-color: rgb(241,  
236, 240) }
```

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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