

Converting Colors

XYZ(80.4256, 82.3742, 94.9158)

Have a look what the booklet for
XYZ(80.4256, 82.3742, 94.9158)
contains.

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Color

**XYZ(80.3304, 82.4148,
94.8929)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE8F1
RGB	239, 232, 241
RGB Percent	94%, 91%, 95%
CMY	0.0627, 0.0902, 0.0549
CMYK	0.01, 0.04, 0.00, 0.05
HSL	287°, 24%, 93%
HSV	287°, 4%, 95%
XYZ	80.3304, 82.4148, 94.8929
YIQ	235.1190, 1.2830, 4.2830

Conversions

Conversions Part 2

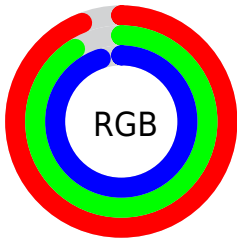
Format	Color
R _Y B	239, 232, 241
Decimal	15722737
CIE Lab	92.76, 3.95, -3.53
CIE LCh	93, 5.296, 318.261
Yxy	82.4148, 0.3118, 0.3199
Android (android.graphics.Color)	4293912817 (0xFFEFE8F1)
YUV	235.1190, 2.8993, 3.4036
Hunter-Lab	90.7826, -0.9210, 1.5734

Details

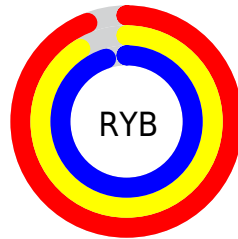
The XYZ color **80.3304, 82.4148, 94.8929** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.9556, 86.2314, 88.7783**, and the grayscale version is **79.0362, 83.1522, 90.5528**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8107, 44.6207, 52.2025** is the 20% darker color. If you saturate the color by 10%, you get **72.2251, 68.8488, 92.7028**, and if you desaturate by 10%, it is **89.0705, 97.1684, 97.2812**.

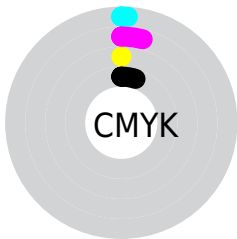
Distribution



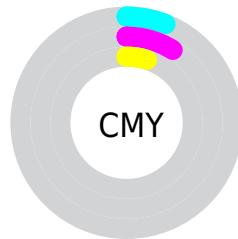
- Red (94%)
- Green (91%)
- Blue (95%)



- Red (94%)
- Yellow (91%)
- Blue (95%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (6%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.3304, 82.4148, 94.8929 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 80.3304, 82.4148, 94.8929 by changing the saturation by 10% instead.

80.3304, 82.4148,
94.8929

80.3304, 82.4148,
94.8929

484.7652,
503.0341, 564.7976

60.2997, 61.7075,
71.4494

132.7782,
136.7555, 156.1109

43.9106, 44.7964,
52.2250

165.9261,
171.1578, 194.7226

30.7979, 31.2971,
36.8010

204.1770,
210.8938, 239.2274

20.5960, 20.8252,
24.7588

247.8963,
256.3479, 290.0439

12.9398, 12.9963,
15.6801

297.4495,
307.9047, 347.5907

7.4638, 7.4260,
9.1462

353.2018,

3.8027, 3.7299,

365.9483, 412.2862

4.7385

415.5186,
430.8634, 484.5490

■ 1.5911, 1.5236,
2.0386

■ 0.3866, 0.3053,
0.5789

■ 80.3304, 82.4148,
94.8929

■ 80.3304, 82.4148,
94.8929

■ 72.2251, 68.8488,
92.7028

■ 89.0705, 97.1684,
97.2812

■ 65.0632, 57.0919,
90.8110

■ 90.9606, 98.1428,
97.3697

■ 58.8064, 47.0670,
89.2058

■ 92.8774, 99.1310,
97.4594

■ 53.4111, 38.6874,
87.8727

■ 48.8297, 31.8589,
86.7961

■ 45.0099, 26.4775,
85.9587

■ 41.8929, 22.4262,
85.3410

■ 39.4107, 19.5698,
84.9205

■ 37.4805, 17.7435,
84.6698

Harmonies

Analogous

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



79.1676, 82.4148, 97.1509



80.3304, 82.4148, 94.8929



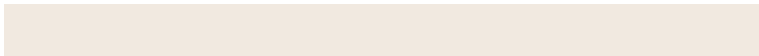
80.9608, 82.4148, 91.2914

Triad

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



80.3304, 82.4148, 94.8929



78.8741, 82.4148, 82.4959



75.8388, 82.4148, 92.1391

Complementary

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



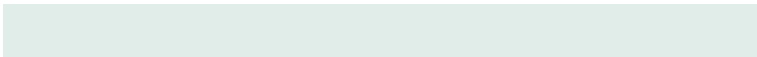
80.3304, 82.4148, 94.8929



79.9556, 86.2314, 88.7783

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.



75.7623, 82.4148, 88.1978



80.3304, 82.4148, 94.8929



77.5039, 82.4148, 82.7078

Square

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



80.3304, 82.4148, 94.8929



80.1134, 82.4148, 84.1814



76.3686, 82.4148, 84.7688



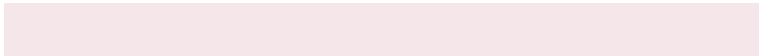
76.5787, 82.4148, 95.5291

Rectangle

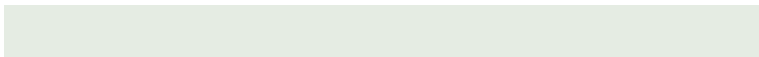
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.3304, 82.4148, 94.8929



80.9894, 82.4148, 88.6478



76.3686, 82.4148, 84.7688



75.7349, 82.4148, 90.8325

Sweetspot

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



80.3328, 82.4183, 94.8947



94.0336, 98.2764, 108.6209



78.6106, 82.4130, 94.9844



20.1378, 21.0534, 23.2523



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.



80.3328, 82.4183, 94.8947



91.0526, 93.2363, 107.8052



80.6557, 82.6260, 93.0513



16.9240, 17.2428, 20.1578



19.8999, 9.2642, 45.8672



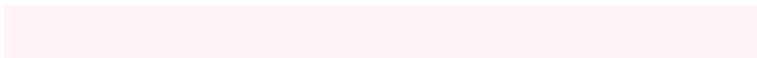
1.7391, 0.8138, 3.8196

Inverse Universe

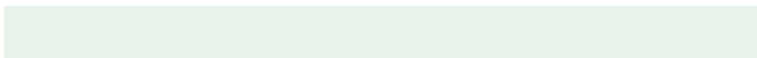
The Inverse Universe completely reimagines the original color for something new.



79.9864, 82.3583, 89.5271



90.6309, 93.1634, 101.2560



79.6458, 86.0321, 90.5550



16.8316, 17.2270, 18.7150



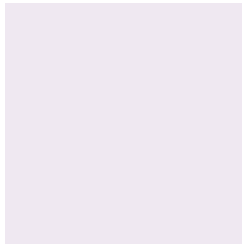
20.0685, 10.2998, 3.0115



1.7058, 0.8714, 0.4414

Previews

White Background



This preview shows how the XYZ color 80.3304, 82.4148, 94.8929 looks on a white background.

Color Contrast Check

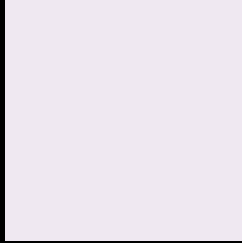
Large Text (above 18pt) WCAG AA × Fail

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 80.3304, 82.4148, 94.8929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

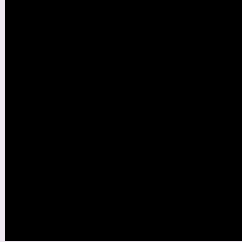
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

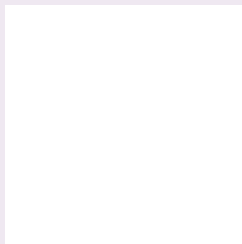
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.3304, 82.4148, 94.8929

Background



This preview shows how black text looks on a background with the XYZ color 80.3304, 82.4148, 94.8929.



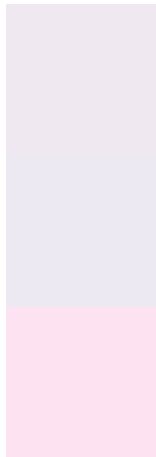
This preview shows how white text looks on a background with the XYZ color 80.3304, 82.4148,

94.8929.

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

80.3304, 82.4148, 94.8929

Protanopia

79.7580, 82.5215, 95.7289

Deuteranopia

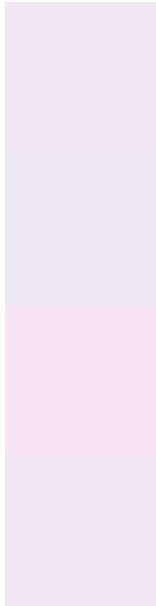
84.0041, 82.2316, 95.4492



Tritanopia

81.6100, 82.5166, 101.2485

Trichromacy



Original Color

80.3304, 82.4148, 94.8929

Protanomaly

80.0910, 82.6932, 95.7445

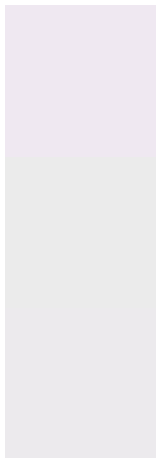
Deuteranomaly

82.7577, 82.4059, 95.5485

Tritanomaly

81.1456, 82.3309, 98.8034

Monochromacy



Original Color

80.3304, 82.4148, 94.8929

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.3010, 82.7929, 91.9218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.3304, 82.4148, 94.8929 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(239, 232, 241) looks like.

```
.text, #text, p{  
    color:rgb(239, 232, 241)  
}
```

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(239, 232, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 232, 241) }
```

Border

The CSS property to change the border of an element to XYZ 80.3304, 82.4148, 94.8929 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(239, 232, 241) }
```


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

```
.border{ border-color:rgb(239, 232, 241) }
```

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

Here you see how a box with a 4 pixel rgb(239, 232, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 232, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 232, 241);  
box-shadow:4px 4px 4px 4px rgb(239, 232,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 80.3304, 82.4148, 94.8929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 232, 241) }
```

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

```
.background{ background-color: rgb(239,  
232, 241) }
```

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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