

Converting Colors

XYZ(81.9170, 83.5736, 98.6834)

Have a look what the booklet for
XYZ(81.9170, 83.5736, 98.6834)
contains.

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Color

**XYZ(82.0491, 83.6324,
99.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	F1E9F6
RGB	241, 233, 246
RGB Percent	95%, 91%, 96%
CMY	0.0549, 0.0863, 0.0353
CMYK	0.02, 0.05, 0.00, 0.04
HSL	277°, 42%, 94%
HSV	277°, 5%, 96%
XYZ	82.0491, 83.6324, 99.0070
YIQ	236.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

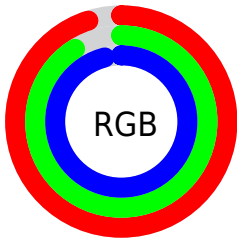
Format	Color
R _{YB}	241, 233, 246
Decimal	15854070
CIE Lab	93.29, 5.00, -5.33
CIE LCh	93, 7.308, 313.189
Yxy	83.6324, 0.3100, 0.3160
Android (android.graphics.Color)	4294044150 (0xFFFF1E9F6)
YUV	236.8740, 4.4991, 3.6185
Hunter-Lab	91.4508, 0.1104, -0.1734

Details

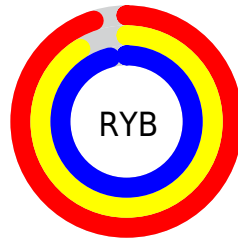
The XYZ color **82.0491, 83.6324, 99.0070** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.9267, 89.9741, 90.0910**, and the grayscale version is **80.3676, 84.5530, 92.0782**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0240, 45.4763, 55.1200** is the 20% darker color. If you saturate the color by 10%, you get **72.4184, 69.0421, 96.6996**, and if you desaturate by 10%, it is **91.9863, 98.5841, 101.3705**.

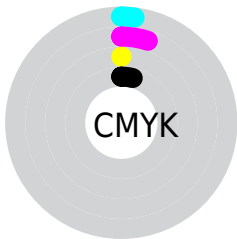
Distribution



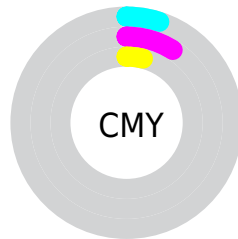
- Red (95%)
- Green (91%)
- Blue (96%)



- Red (95%)
- Yellow (91%)
- Blue (96%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (5%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0491, 83.6324, 99.0070 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 82.0491, 83.6324, 99.0070 by changing the saturation by 10% instead.

82.0491, 83.6324,
99.0070

82.0491, 83.6324,
99.0070

490.4439,
507.0917, 578.2238

61.7203, 62.7120,
74.8592

135.1783,
138.4608, 161.8319

45.0614, 45.6082,
54.9965

168.7094,
173.1377, 201.3460

31.7073, 31.9368,
39.0004

207.3719,
213.1687, 246.8195

21.2925, 21.3132,
26.4522

251.5313,
258.9384, 298.6706

13.4517, 13.3532,
16.9334

301.5528,
310.8312, 357.3181

7.8194, 7.6722,
10.0256

357.8019,

4.0304, 3.8859,

369.2314, 423.1804

5.3101

420.6438,
434.5235, 496.6761

■ 1.7194, 1.6099,
2.3684

■ 0.4684, 0.3643,
0.7692

■ 82.0491, 83.6324,
99.0070

■ 82.0491, 83.6324,
99.0070

■ 72.4184, 69.0421,
96.6996

■ 91.9863, 98.5841,
101.3705

■ 63.8816, 56.3952,
94.7085

■ 93.6348, 99.4339,
101.4476

■ 56.3956, 45.6086,
93.0210

■ 49.9119, 36.5887,
91.6217

■ 44.3776, 29.2340,
90.4938

■ 39.7344, 23.4320,
89.6186

■ 35.9168, 19.0559,
88.9752

■ 32.8490, 15.9584,
88.5390

■ 30.4378, 13.9578,
88.2799

Harmonies

Analogous

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



80.3372, 83.6324, 101.7718



82.0491, 83.6324, 99.0070



83.0844, 83.6324, 94.1603

Triad

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



82.0491, 83.6324, 99.0070



80.5649, 83.6324, 81.2908



75.9422, 83.6324, 93.5004

Complementary

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



82.0491, 83.6324, 99.0070



82.9267, 89.9741, 90.0910

Split Complementary

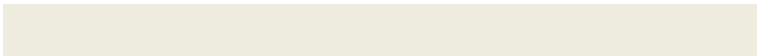
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0009, 83.6324, 88.0314



82.0491, 83.6324, 99.0070



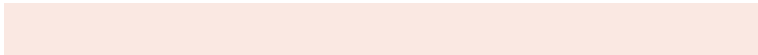
78.6489, 83.6324, 81.1303

Square

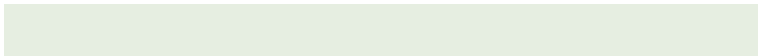
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0491, 83.6324, 99.0070



82.2181, 83.6324, 84.0007



76.9848, 83.6324, 83.5528



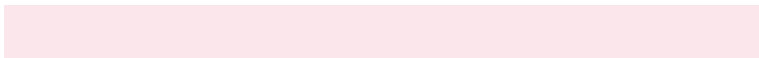
76.8231, 83.6324, 98.5072

Rectangle

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



82.0491, 83.6324, 99.0070



83.2415, 83.6324, 90.4733



76.9848, 83.6324, 83.5528



75.8532, 83.6324, 91.6522

Sweetspot

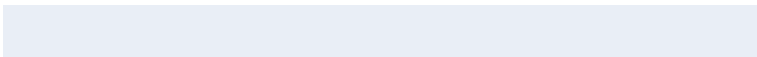
The Sweet Spot groups the original color and five complimentary colors.



82.0515, 83.6360, 99.0088



92.7264, 96.4188, 108.3312



80.8748, 85.2464, 99.3817



19.8716, 20.6751, 23.1933



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.



82.0515, 83.6360, 99.0088



88.2293, 89.5243, 107.2375



83.5830, 84.4485, 98.0427



17.1581, 17.3411, 20.9854



15.8880, 7.1649, 47.0836



1.5109, 0.6888, 4.1435

Inverse Universe

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



82.5805, 84.0475, 92.7634



88.8829, 90.0321, 99.5495



81.4575, 89.1951, 90.9951



17.2996, 17.4510, 19.3258



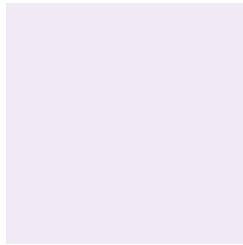
21.4434, 10.9208, 7.0431



1.9333, 0.9793, 0.8750

Previews

White Background



This preview shows how the XYZ color 82.0491, 83.6324, 99.0070 looks on a white background.

Color Contrast Check

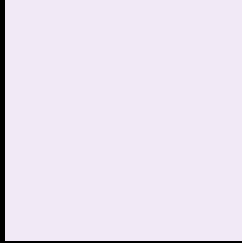
Large Text (above 18pt) WCAG AA × Fail

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 82.0491, 83.6324, 99.0070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

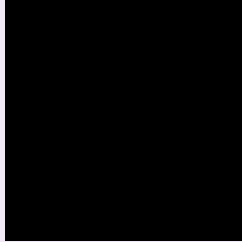
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

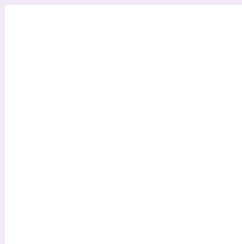
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.0491, 83.6324, 99.0070

Background



This preview shows how black text looks on a background with the XYZ color 82.0491, 83.6324, 99.0070.



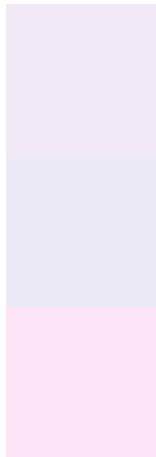
This preview shows how white text looks on a background with the XYZ color 82.0491, 83.6324,

99.0070.

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

82.0491, 83.6324, 99.0070

Protanopia

81.1364, 83.5656, 99.8491

Deuteranopia

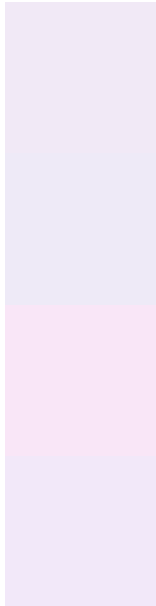
85.3158, 83.6367, 99.6426



Tritanopia

82.8871, 83.5555, 103.0260

Trichromacy



Original Color

82.0491, 83.6324, 99.0070

Protanomaly

81.4712, 83.7382, 99.8648

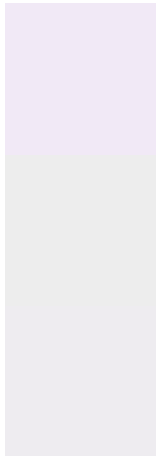
Deuteranomaly

84.1522, 83.4488, 99.6676

Tritanomaly

82.5734, 83.4300, 101.3740

Monochromacy



Original Color

82.0491, 83.6324, 99.0070

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.9835, 84.4593, 94.4721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0491, 83.6324, 99.0070 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, 233, 246) looks like.

```
.text, #text, p{  
    color:rgb(241, 233, 246)  
}
```

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, 233, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 233, 246) }
```

Border

The CSS property to change the border of an element to XYZ 82.0491, 83.6324, 99.0070 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, 233, 246) }
```


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

```
.border{ border-color:rgb(241, 233, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 233, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 233, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 233, 246);  
box-shadow:4px 4px 4px 4px rgb(241, 233,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0491, 83.6324, 99.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 233, 246) }
```

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

```
.background{ background-color: rgb(241,  
233, 246) }
```

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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