

Converting Colors

XYZ(81.4716, 83.7377, 99.8611)

Have a look what the booklet for
XYZ(81.4716, 83.7377, 99.8611)
contains.

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Color

**XYZ(81.4712, 83.7382,
99.8648)**

Conversions

Conversions Part 1

Format	Color
Hex	EEEEAF7
RGB	238, 234, 247
RGB Percent	93%, 92%, 97%
CMY	0.0667, 0.0823, 0.0314
CMYK	0.04, 0.05, 0.00, 0.03
HSL	258°, 45%, 94%
HSV	258°, 5%, 97%
XYZ	81.4712, 83.7382, 99.8648
YIQ	236.6780, -1.7890, 4.8910

Conversions

Conversions Part 2

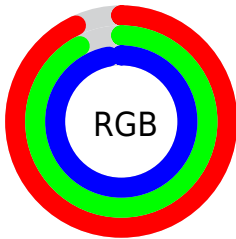
Format	Color
R _Y B	238, 234, 247
Decimal	15657719
CIE Lab	93.34, 3.68, -5.81
CIE LCh	93, 6.876, 302.384
Yxy	83.7382, 0.3074, 0.3159
Android (android.graphics.Color)	4293847799 (0xFFEEEEAF7)
YUV	236.6780, 5.0887, 1.1594
Hunter-Lab	91.5086, -1.2193, -0.6481

Details

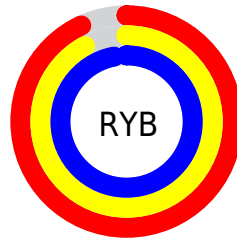
The XYZ color **81.4712, 83.7382, 99.8648** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.0774, 91.5190, 91.0270**, and the grayscale version is **80.2139, 84.3913, 91.9021**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6158, 45.5475, 55.7303** is the 20% darker color. If you saturate the color by 10%, you get **69.4515, 67.8224, 97.4275**, and if you desaturate by 10%, it is **93.7887, 99.4955, 102.2583**.

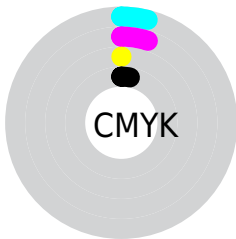
Distribution



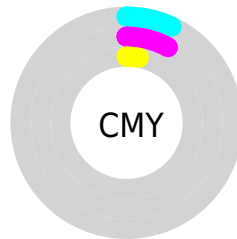
- Red (93%)
- Green (92%)
- Blue (97%)



- Red (93%)
- Yellow (92%)
- Blue (97%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (7%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4712, 83.7382, 99.8648 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 81.4712, 83.7382, 99.8648 by changing the saturation by 10% instead.

81.4712, 83.7382,
99.8648

81.4712, 83.7382,
99.8648

488.5385,
507.4435, 581.0021

61.2424, 62.7993,
75.5714

134.3719,
138.6089, 163.0216

44.6741, 45.6789,
55.5766

167.7745,
173.3095, 202.7221

31.4010, 31.9925,
39.4618

206.2990,
213.3661, 248.3954

21.0577, 21.3558,
26.8086

250.3108,
259.1632, 300.4599

13.2789, 13.3843,
17.1984

300.1754,
311.0850, 359.3344

7.6992, 7.6937,
10.2126

356.2579,

3.9533, 3.8996,

369.5161, 425.4372

5.4327

418.9238,
434.8408, 499.1869

■ 1.6757, 1.6176,
2.4402

■ 0.4410, 0.3694,
0.8082

■ 81.4712, 83.7382,
99.8648

■ 81.4712, 83.7382,
99.8648

■ 69.4515, 67.8224,
97.4275

■ 93.7887, 99.4955,
102.2583

■ 58.8999, 54.0564,
95.3265

■ 49.7599, 42.3495,
93.5486

■ 41.9684, 32.6001,
92.0774

■ 35.4573, 24.6980,
90.8954

■ 30.1523, 18.5216,
89.9828

■ 25.9703, 13.9343,
89.3178

■ 22.8166, 10.7778,
88.8747

■ 20.5777, 8.8586,
88.6223

Harmonies

Analogous

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



79.7356, 83.7382, 101.5134



81.4712, 83.7382, 99.8648



82.7177, 83.7382, 95.8804

Triad

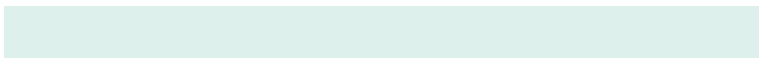
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4712, 83.7382, 99.8648



81.2165, 83.7382, 82.6184



76.1603, 83.7382, 91.5923

Complementary

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



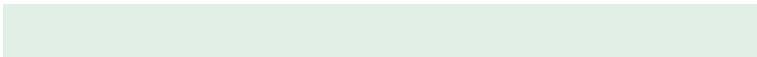
81.4712, 83.7382, 99.8648



85.0774, 91.5190, 91.0270

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.



76.5434, 83.7382, 86.6293



81.4712, 83.7382, 99.8648



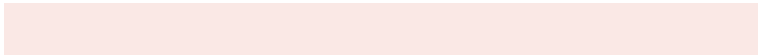
79.4458, 83.7382, 81.5666

Square

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



81.4712, 83.7382, 99.8648



82.5691, 83.7382, 85.9365



77.7393, 83.7382, 83.0076



76.6847, 83.7382, 96.6256

Rectangle

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



81.4712, 83.7382, 99.8648



83.0940, 83.7382, 92.5055



77.7393, 83.7382, 83.0076



76.1872, 83.7382, 89.8606

Sweetspot

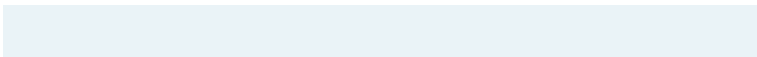
The Sweet Spot groups the original color and five complimentary colors.



81.4736, 83.7418, 99.8666



92.1571, 96.1254, 108.3046



82.8036, 88.3716, 100.6902



19.7558, 20.6154, 23.1879



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.



81.4736, 83.7418, 99.8666



86.5706, 88.6692, 107.1599



83.6612, 84.8695, 99.9690



16.8007, 17.1569, 20.9687



10.5798, 4.4284, 46.8352



1.0305, 0.4411, 4.1211

Inverse Universe

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



83.9613, 85.0947, 96.7981



89.6135, 90.3244, 103.3968



82.9066, 90.3999, 90.9254



17.4571, 17.5140, 20.1552



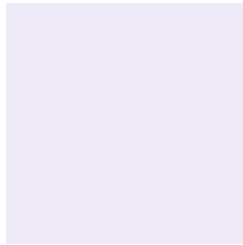
24.2428, 12.0405, 21.7845



2.1765, 1.0766, 2.1560

Previews

White Background



This preview shows how the XYZ color 81.4712, 83.7382, 99.8648 looks on a white background.

Color Contrast Check

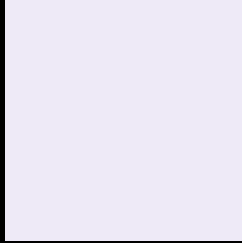
Large Text (above 18pt) WCAG AA × Fail

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 81.4712, 83.7382, 99.8648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

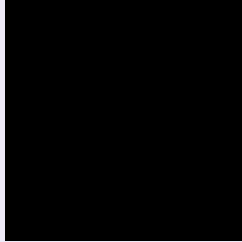
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4712, 83.7382, 99.8648

Background



This preview shows how black text looks on a background with the XYZ color 81.4712, 83.7382, 99.8648.



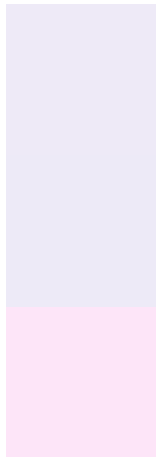
This preview shows how white text looks on a background with the XYZ color 81.4712, 83.7382,

99.8648.

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

81.4712, 83.7382, 99.8648

Protanopia

81.1364, 83.5656, 99.8491

Deuteranopia

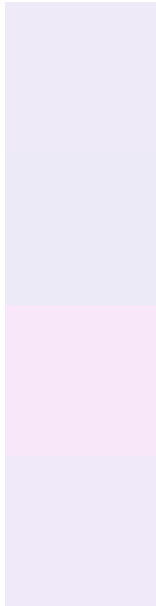
85.4706, 83.6986, 100.4576



Tritanopia

82.3062, 83.6568, 103.9048

Trichromacy



Original Color

81.4712, 83.7382, 99.8648

Protanomaly

81.1364, 83.5656, 99.8491

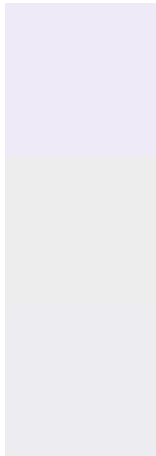
Deuteranomaly

84.2306, 83.8856, 100.5590

Tritanomaly

81.9908, 83.5307, 102.2441

Monochromacy



Original Color

81.4712, 83.7382, 99.8648

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.7977, 84.3463, 95.2411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4712, 83.7382, 99.8648 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(238, 234, 247) looks like.

```
.text, #text, p{  
    color:rgb(238, 234, 247)  
}
```

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(238, 234, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 234, 247) }
```

Border

The CSS property to change the border of an element to XYZ 81.4712, 83.7382, 99.8648 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(238, 234, 247) }
```


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

```
.border{ border-color:rgb(238, 234, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 234, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 234, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 234, 247);  
box-shadow:4px 4px 4px 4px rgb(238, 234,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4712, 83.7382, 99.8648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 234, 247) }
```

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

```
.background{ background-color: rgb(238,  
234, 247) }
```

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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