

Converting Colors

XYZ(81.9496, 84.3079,
100.7611)

Have a look what the booklet for
XYZ(81.9496, 84.3079, 100.7611)
contains.

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Color

**XYZ(81.9115, 84.3711,
100.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	EEEEBF8
RGB	238, 235, 248
RGB Percent	93%, 92%, 97%
CMY	0.0667, 0.0784, 0.0274
CMYK	0.04, 0.05, 0.00, 0.03
HSL	254°, 48%, 95%
HSV	254°, 5%, 97%
XYZ	81.9115, 84.3711, 100.7750
YIQ	237.3790, -2.3850, 4.6790

Conversions

Conversions Part 2

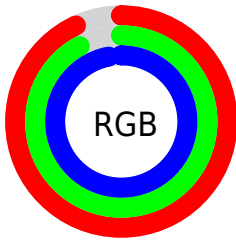
Format	Color
R _Y B	238, 235, 248
Decimal	15657976
CIE Lab	93.61, 3.35, -5.92
CIE LCh	94, 6.805, 299.516
Yxy	84.3711, 0.3067, 0.3159
Android (android.graphics.Color)	4293848056 (0xFFEEEEBF8)
YUV	237.3790, 5.2362, 0.5446
Hunter-Lab	91.8537, -1.5649, -0.7509

Details

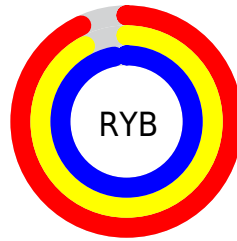
The XYZ color **81.9115, 84.3711, 100.7750** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.2221, 92.5477, 91.9206**, and the grayscale version is **80.7526, 84.9580, 92.5193**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9259, 45.9911, 56.3785** is the 20% darker color. If you saturate the color by 10%, you get **69.2300, 68.0196, 98.2885**, and if you desaturate by 10%, it is **93.9435, 99.5574, 103.0734**.

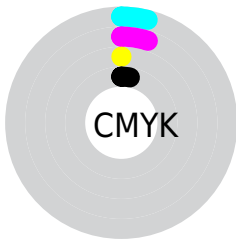
Distribution



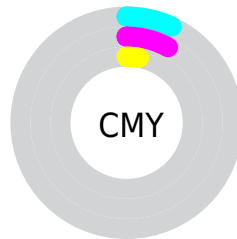
- Red (93%)
- Green (92%)
- Blue (97%)



- 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 81.9115, 84.3711, 100.7750 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 81.9115, 84.3711, 100.7750 by changing the saturation by 10% instead.

81.9115, 84.3711,
100.7750

81.9115, 84.3711,
100.7750

489.9906,
509.5448, 583.9424

61.6064, 63.3219,
76.3274

134.9864,
139.4942, 164.2830

44.9692, 46.1016,
56.1928

168.4869,
174.3368, 204.1804

31.6343, 32.3260,
39.9525

207.1166,
214.5460, 250.0650

21.2365, 21.6107,
27.1880

251.2409,
260.5062, 302.3551

13.4105, 13.5711,
17.4808

301.2250,
312.6018, 361.4694

7.7907, 7.8230,
10.4123

357.4345,

4.0120, 3.9819,

371.2172, 427.8263

5.5640

420.2346,
436.7367, 501.8445

■ 1.7089, 1.6634,
2.5174

■ 0.4619, 0.3998,
0.8493

■ 81.9115, 84.3711,
100.7750

■ 81.9115, 84.3711,
100.7750

■ 69.2300, 68.0196,
98.2885

■ 93.9435, 99.5574,
103.0734

■ 58.1533, 53.9021,
96.1474

■ 48.6180, 41.9234,
94.3378

■ 40.5540, 31.9779,
92.8432

■ 33.8853, 23.9504,
91.6452

■ 28.5288, 17.7142,
90.7238

■ 24.3923, 13.1268,
90.0563

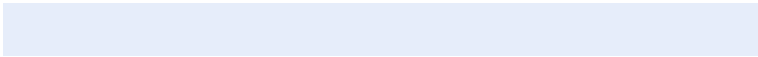
■ 21.3703, 10.0234,
89.6166

■ 19.3370, 8.2029,
89.3724

Harmonies

Analogous

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



80.1630, 84.3711, 102.1508



81.9115, 84.3711, 100.7750



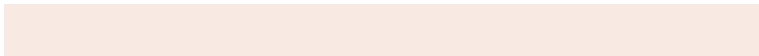
83.2155, 84.3711, 96.9925

Triad

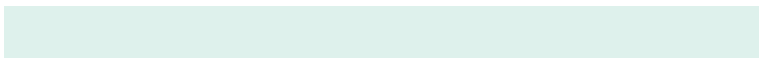
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.9115, 84.3711, 100.7750



81.9629, 84.3711, 83.5764



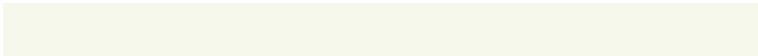
76.7769, 84.3711, 91.7821

Complementary

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



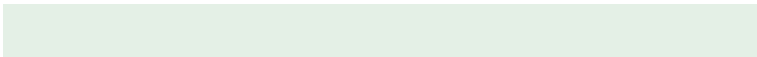
81.9115, 84.3711, 100.7750



86.2221, 92.5477, 91.9206

Split Complementary

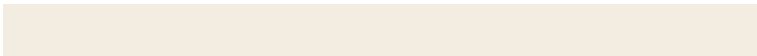
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.2430, 84.3711, 86.9230



81.9115, 84.3711, 100.7750



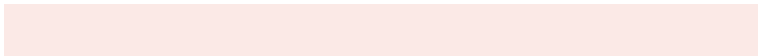
80.2214, 84.3711, 82.2954

Square

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



81.9115, 84.3711, 100.7750



83.2455, 84.3711, 87.0628



78.4971, 84.3711, 83.4978



77.2145, 84.3711, 96.8422

Rectangle

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



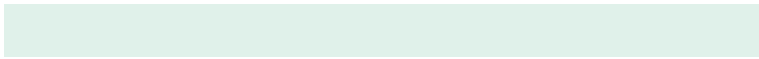
81.9115, 84.3711, 100.7750



83.6479, 84.3711, 93.6833



78.4971, 84.3711, 83.4978



76.8330, 84.3711, 90.0719

Sweetspot

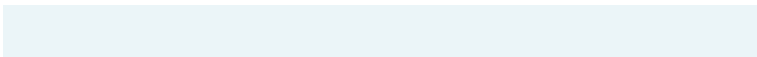
The Sweet Spot groups the original color and five complimentary colors.



81.9139, 84.3747, 100.7768



92.0155, 96.0524, 108.2980



83.9149, 89.8578, 101.7297



19.7269, 20.6005, 23.1865



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.



81.9139, 84.3747, 100.7768



86.1625, 88.4589, 107.1408



84.0726, 85.4875, 100.8779



17.4685, 17.8841, 21.9166



10.1703, 4.1857, 48.2454



1.0305, 0.4333, 4.4725

Inverse Universe

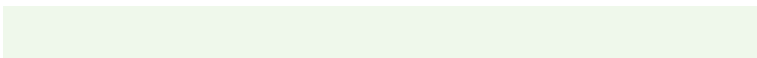
The Inverse Universe completely reimagines the original color for something new.



84.9041, 85.9695, 98.5093



89.7990, 90.3986, 104.3736



84.0554, 91.4307, 91.8191



18.2900, 18.3224, 21.2896



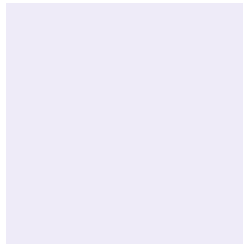
26.0378, 12.8308, 27.9711



2.4517, 1.2044, 2.8021

Previews

White Background



This preview shows how the XYZ color 81.9115, 84.3711, 100.7750 looks on a white background.

Color Contrast Check

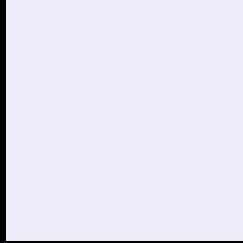
Large Text (above 18pt) WCAG AA × Fail

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 81.9115, 84.3711, 100.7750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

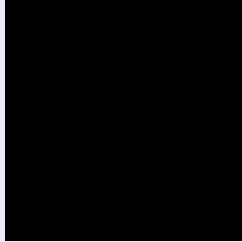
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

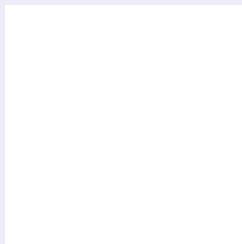
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.9115, 84.3711, 100.7750

Background



This preview shows how black text looks on a background with the XYZ color 81.9115, 84.3711, 100.7750.



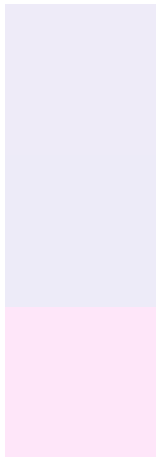
This preview shows how white text looks on a background with the XYZ color 81.9115, 84.3711,

100.7750.

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

81.9115, 84.3711, 100.7750

Protanopia

81.5767, 84.1985, 100.7593

Deuteranopia

86.2687, 84.5040, 101.3866



Tritanopia

82.7490, 84.2882, 104.8364

Trichromacy



Original Color

81.9115, 84.3711, 100.7750

Protanomaly

81.5767, 84.1985, 100.7593

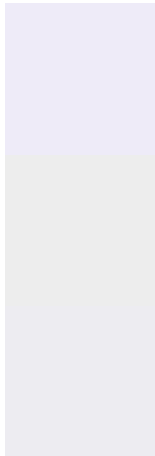
Deuteranomaly

84.6669, 84.5092, 101.4720

Tritanomaly

82.4320, 84.1614, 103.1669

Monochromacy



Original Color

81.9115, 84.3711, 100.7750

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 81.9115, 84.3711, 100.7750 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, 235, 248)` looks like.

```
.text, #text, p{  
    color:rgb(238, 235, 248)  
}
```

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, 235, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 235, 248) }
```

Border

The CSS property to change the border of an element to XYZ 81.9115, 84.3711, 100.7750 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, 235, 248) }
```


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

```
.border{ border-color:rgb(238, 235, 248) }
```

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

Here you see how a box with a 4 pixel rgb(238, 235, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 235, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 235, 248);  
box-shadow:4px 4px 4px 4px rgb(238, 235,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9115, 84.3711, 100.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 235, 248) }
```

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

```
.background{ background-color: rgb(238,  
235, 248) }
```

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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