

Converting Colors

XYZ(81.8595, 83.4922,
101.0197)

Have a look what the booklet for
XYZ(81.8595, 83.4922, 101.0197)
contains.

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Color

**XYZ(81.8344, 83.4681,
101.4204)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE9F9
RGB	239, 233, 249
RGB Percent	94%, 91%, 98%
CMY	0.0627, 0.0863, 0.0235
CMYK	0.04, 0.06, 0.00, 0.02
HSL	262°, 57%, 95%
HSV	262°, 6%, 98%
XYZ	81.8344, 83.4681, 101.4204
YIQ	236.6180, -1.5600, 6.2480

Conversions

Conversions Part 2

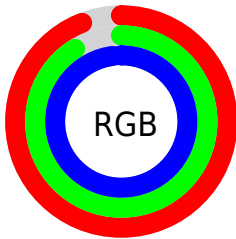
Format	Color
R _Y B	239, 233, 249
Decimal	15723001
CIE Lab	93.22, 4.89, -7.01
CIE LCh	93, 8.553, 304.912
Yxy	83.4681, 0.3068, 0.3129
Android (android.graphics.Color)	4293913081 (0xFFEFE9F9)
YUV	236.6180, 6.1043, 2.0890
Hunter-Lab	91.3609, 0.0057, -1.8657

Details

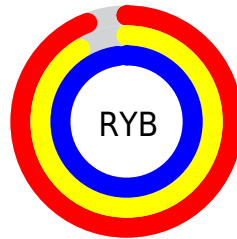
The XYZ color **81.8344, 83.4681, 101.4204** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.5490, 92.6915, 90.4773**, and the grayscale version is **80.1602, 84.3347, 91.8405**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8762, 45.3618, 56.8426** is the 20% darker color. If you saturate the color by 10%, you get **70.2465, 67.7601, 99.0005**, and if you desaturate by 10%, it is **93.9404, 99.5378, 103.8854**.

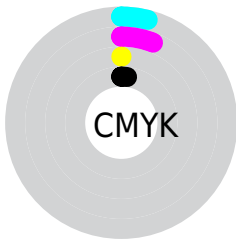
Distribution



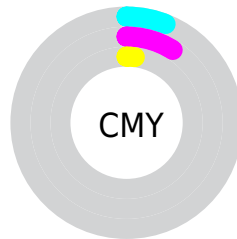
- Red (94%)
- Green (91%)
- Blue (98%)



- Red (94%)
- Yellow (91%)
- Blue (98%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (6%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.8344, 83.4681, 101.4204 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 81.8344, 83.4681, 101.4204 by changing the saturation by 10% instead.

81.8344, 83.4681,
101.4204

81.8344, 83.4681,
101.4204

489.7365,
506.5453, 586.0226

61.5427, 62.5764,
76.8638

134.8788,
138.2309, 165.1766

44.9175, 45.4986,
56.6302

168.3622,
172.8707, 205.2134

31.5934, 31.8503,
40.3011

206.9735,
212.8621, 251.2473

21.2052, 21.2472,
27.4578

251.0781,
258.5894, 303.6968

13.3874, 13.3048,
17.6819

301.0413,
310.4369, 362.9806

7.7747, 7.6388,
10.5547

357.2286,

4.0017, 3.8647,

368.7891, 429.5171

5.6579

420.0052,
434.0305, 503.7249

■ 1.7031, 1.5982,
2.5728

■ 0.4582, 0.3564,
0.8784

■ 81.8344, 83.4681,
101.4204

■ 81.8344, 83.4681,
101.4204

■ 70.2465, 67.7601,
99.0005

■ 93.9404, 99.5378,
103.8854

■ 60.0507, 54.1823,
96.9171

■ 94.0991, 99.6197,
103.8928

■ 51.1932, 42.6437,
95.1567

■ 43.6138, 33.0421,
93.7029

■ 37.2475, 25.2664,
92.5376

■ 32.0228, 19.1939,
91.6409

■ 27.8598, 14.6862,
90.9902

■ 24.6666, 11.5817,
90.5593

■ 22.3311, 9.6803,
90.3154

Harmonies

Analogous

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



79.7047, 83.4681, 103.7873



81.8344, 83.4681, 101.4204



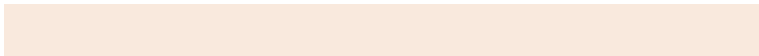
83.3147, 83.4681, 96.2351

Triad

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



81.8344, 83.4681, 101.4204



81.1815, 83.4681, 80.1224



75.1034, 83.4681, 91.9470

Complementary

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



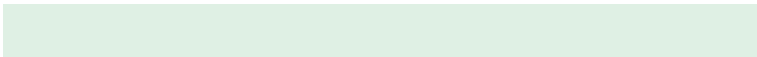
81.8344, 83.4681, 101.4204



85.5490, 92.6915, 90.4773

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.



75.4820, 83.4681, 85.7323



81.8344, 83.4681, 101.4204



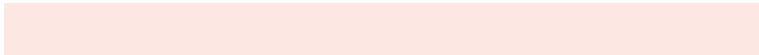
78.9643, 83.4681, 79.0945

Square

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



81.8344, 83.4681, 101.4204



82.9328, 83.4681, 83.9780



76.8849, 83.4681, 81.1012



75.8407, 83.4681, 98.1556

Rectangle

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



81.8344, 83.4681, 101.4204



83.7193, 83.4681, 91.9853



76.8849, 83.4681, 81.1012



75.1045, 83.4681, 89.7887

Sweetspot

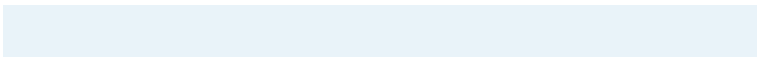
The Sweet Spot groups the original color and five complimentary colors.



81.8368, 83.4717, 101.4222



92.2813, 96.1894, 108.3104



82.7966, 88.3471, 102.3127



19.7810, 20.6284, 23.1891



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.



81.8368, 83.4717, 101.4222



84.3467, 85.3289, 106.6323



84.5511, 84.8709, 101.5493



16.8978, 16.9599, 21.7683



11.7319, 4.9907, 48.3185



1.1997, 0.5205, 4.4804

Inverse Universe

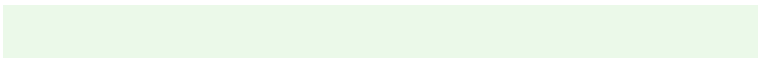
The Inverse Universe completely reimagines the original color for something new.



84.3865, 84.8924, 96.7365



87.6770, 87.1851, 100.4888



82.8916, 91.3216, 90.3529



17.7010, 17.4078, 20.2812



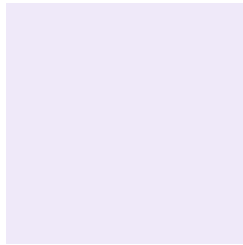
24.1798, 12.0877, 18.1872



2.2908, 1.1401, 1.9550

Previews

White Background



This preview shows how the XYZ color 81.8344, 83.4681, 101.4204 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 81.8344, 83.4681, 101.4204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

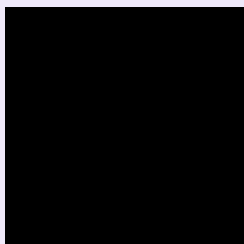
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

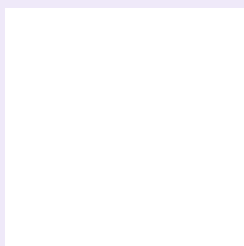
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.8344, 83.4681, 101.4204

Background



This preview shows how black text looks on a background with the XYZ color 81.8344, 83.4681, 101.4204.



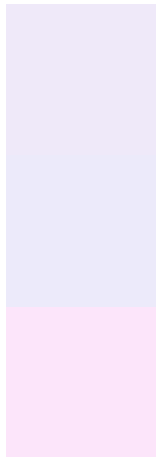
This preview shows how white text looks on a background with the XYZ color 81.8344, 83.4681,

101.4204.

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

81.8344, 83.4681, 101.4204

Protanopia

81.2702, 83.5806, 102.2918

Deuteranopia

85.4195, 83.6362, 102.0838



Tritanopia

82.1481, 83.5936, 103.0723

Trichromacy



Original Color

81.8344, 83.4681, 101.4204

Protanomaly

81.6032, 83.7523, 102.3073

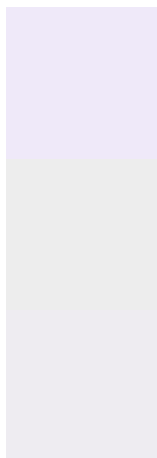
Deuteranomaly

83.9099, 83.2699, 102.0927

Tritanomaly

81.9908, 83.5307, 102.2441

Monochromacy



Original Color

81.8344, 83.4681, 101.4204

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.1325, 84.5189, 95.2567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.8344, 83.4681, 101.4204 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, 233, 249)` looks like.

```
.text, #text, p{  
    color:rgb(239, 233, 249)  
}
```

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, 233, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 233, 249) }
```

Border

The CSS property to change the border of an element to XYZ 81.8344, 83.4681, 101.4204 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, 233, 249) }
```


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

```
.border{ border-color:rgb(239, 233, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 233, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 233, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 233, 249);  
box-shadow:4px 4px 4px 4px rgb(239, 233,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 81.8344, 83.4681, 101.4204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 233, 249) }
```

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

```
.background{ background-color: rgb(239,  
233, 249) }
```

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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