

Converting Colors

XYZ(81.8005, 85.1327,
102.5634)

Have a look what the booklet for
XYZ(81.8005, 85.1327, 102.5634)
contains.

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Color

**XYZ(81.8005, 85.1327,
102.5634)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEDFA
RGB	235, 237, 250
RGB Percent	92%, 93%, 98%
CMY	0.0784, 0.0706, 0.0196
CMYK	0.06, 0.05, 0.00, 0.02
HSL	232°, 60%, 95%
HSV	232°, 6%, 98%
XYZ	81.8005, 85.1327, 102.5634
YIQ	237.8840, -5.3650, 3.6190

Conversions

Conversions Part 2

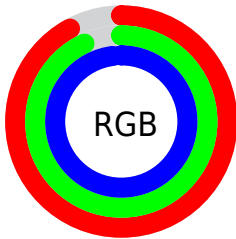
Format	Color
R _Y B	235, 237, 250
Decimal	15461882
CIE Lab	93.94, 1.72, -6.50
CIE LCh	94, 6.725, 284.821
Yxy	85.1327, 0.3035, 0.3159
Android (android.graphics.Color)	4293651962 (0xFFEBEDFA)
YUV	237.8840, 5.9732, -2.5293
Hunter-Lab	92.2674, -3.2171, -1.3189

Details

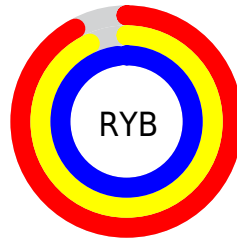
The XYZ color **81.8005, 85.1327, 102.5634** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.9874, 93.4562, 92.0002**, and the grayscale version is **81.1387, 85.3642, 92.9616**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8519, 46.5265, 57.6555** is the 20% darker color. If you saturate the color by 10%, you get **68.2227, 69.3807, 100.2399**, and if you desaturate by 10%, it is **94.2556, 99.6822, 104.7166**.

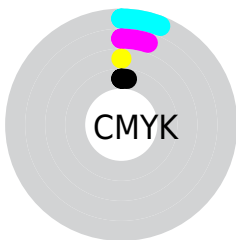
Distribution



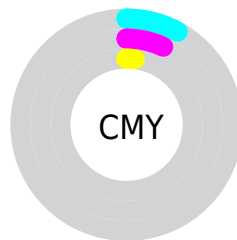
- Red (92%)
- Green (93%)
- Blue (98%)



- Red (92%)
- Yellow (93%)
- Blue (98%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (8%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.8005, 85.1327, 102.5634 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 81.8005, 85.1327, 102.5634 by changing the saturation by 10% instead.

81.8005, 85.1327,
102.5634

81.8005, 85.1327,
102.5634

489.6248,
512.0671, 589.6970

61.5147, 63.9510,
77.8143

134.8315,
140.5586, 166.7580

44.8948, 46.6110,
57.4059

168.3073,
175.5715, 207.0405

31.5755, 32.7283,
40.9197

206.9105,
215.9638, 253.3379

21.1914, 21.9184,
27.9371

251.0065,
262.1196, 306.0687

13.3772, 13.7969,
18.0396

300.9605,
314.4235, 365.6515

7.7676, 7.9796,
10.8087

357.1380,

3.9972, 4.0819,

373.2597, 432.5048

5.8258

419.9043,
439.0128, 507.0471

■ 1.7005, 1.7195,
2.6724

■ 0.4566, 0.4362,
0.9295

■ 81.8005, 85.1327,
102.5634

■ 81.8005, 85.1327,
102.5634

■ 68.2227, 69.3807,
100.2399

■ 94.2556, 99.6822,
104.7166

■ 56.4850, 55.6597,
98.2101

■ 46.5100, 43.8897,
96.4640

■ 38.2117, 33.9817,
94.9889

■ 31.4971, 25.8392,
93.7712

■ 26.2639, 19.3574,
92.7959

■ 22.3976, 14.4198,
92.0466

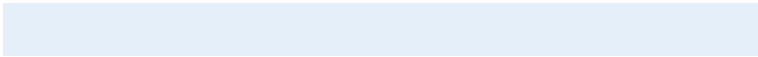
■ 19.7663, 10.8947,
91.5049

■ 18.2108, 8.6268,
91.1491

Harmonies

Analogous

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



80.0175, 85.1327, 102.5464



81.8005, 85.1327, 102.5634



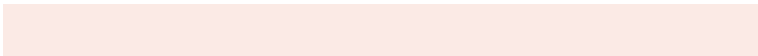
83.3687, 85.1327, 99.8705

Triad

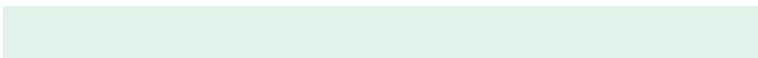
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.8005, 85.1327, 102.5634



83.3842, 85.1327, 85.9131



77.6367, 85.1327, 90.1358

Complementary

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



81.8005, 85.1327, 102.5634



87.9874, 93.4562, 92.0002

Split Complementary

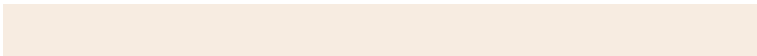
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.5120, 85.1327, 85.8718



81.8005, 85.1327, 102.5634



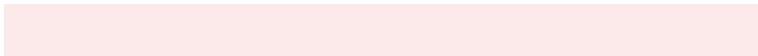
81.8214, 85.1327, 83.4957

Square

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



81.8005, 85.1327, 102.5634



84.2922, 85.1327, 90.1941



80.0381, 85.1327, 83.4809



77.6313, 85.1327, 95.2418

Rectangle

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



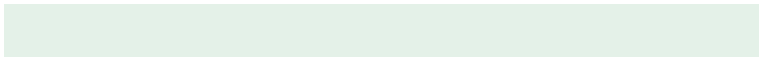
81.8005, 85.1327, 102.5634



84.0738, 85.1327, 96.9560



80.0381, 85.1327, 83.4809



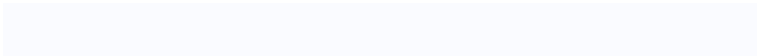
77.8384, 85.1327, 88.5608

Sweetspot

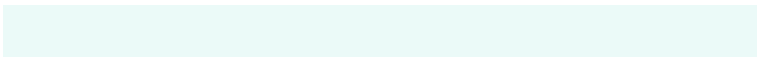
The Sweet Spot groups the original color and five complimentary colors.



81.8030, 85.1363, 102.5653



91.8050, 96.2585, 108.3489



85.3525, 92.7966, 102.0181



19.6841, 20.6425, 23.1969



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.



81.8030, 85.1363, 102.5653



84.0483, 87.2966, 107.0279



82.9852, 84.8894, 102.4553



17.0414, 17.6787, 21.8994



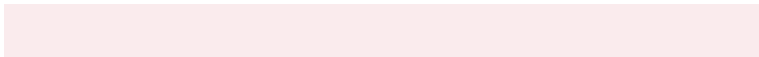
9.5048, 4.3652, 48.3152



0.9364, 0.5165, 4.4935

Inverse Universe

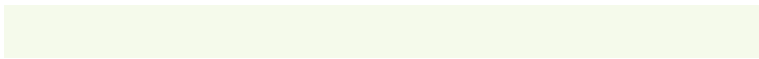
The Inverse Universe completely reimagines the original color for something new.



84.4207, 85.8569, 92.2476



87.2267, 88.1789, 94.4987



86.7514, 93.7383, 92.1198



17.7449, 17.8749, 19.1263



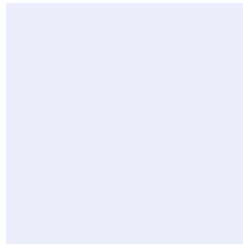
21.0896, 10.8516, 1.9143



1.9816, 1.0164, 0.3265

Previews

White Background



This preview shows how the XYZ color 81.8005, 85.1327, 102.5634 looks on a white background.

Color Contrast Check

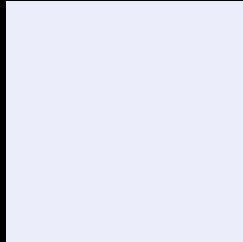
Large Text (above 18pt) WCAG AA × Fail

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 81.8005, 85.1327, 102.5634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

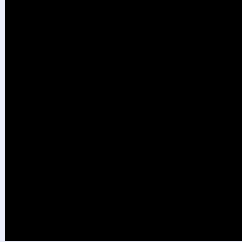
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

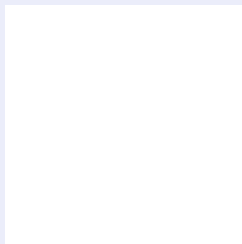
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.8005, 85.1327, 102.5634

Background



This preview shows how black text looks on a background with the XYZ color 81.8005, 85.1327, 102.5634.



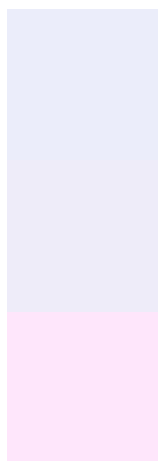
This preview shows how white text looks on a background with the XYZ color 81.8005, 85.1327,

102.5634.

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

81.8005, 85.1327, 102.5634

Protanopia

82.3542, 85.0076, 101.6901

Deuteranopia

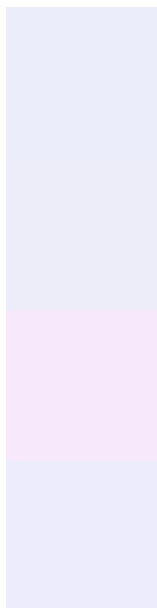
86.5825, 84.6295, 103.0385



Tritanopia

82.6375, 85.0438, 106.6674

Trichromacy



Original Color

81.8005, 85.1327, 102.5634

Protanomaly

82.0194, 84.8350, 101.6744

Deuteranomaly

84.9093, 85.0170, 103.2015

Tritanomaly

82.3171, 84.9156, 104.9803

Monochromacy



Original Color

81.8005, 85.1327, 102.5634

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.5266, 85.5644, 96.2231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.8005, 85.1327, 102.5634 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(235, 237, 250)` looks like.

```
.text, #text, p{  
    color:rgb(235, 237, 250)  
}
```

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(235, 237, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 237, 250) }
```

Border

The CSS property to change the border of an element to XYZ 81.8005, 85.1327, 102.5634 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(235, 237, 250) }
```


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

```
.border{ border-color:rgb(235, 237, 250) }
```

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

Here you see how a box with a 4 pixel rgb(235, 237, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 237, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 237, 250);  
box-shadow:4px 4px 4px 4px rgb(235, 237,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 81.8005, 85.1327, 102.5634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 237, 250) }
```

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

```
.background{ background-color: rgb(235,  
237, 250) }
```

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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