

Converting Colors

XYZ(81.4419, 86.5034,
103.1034)

Have a look what the booklet for
XYZ(81.4419, 86.5034, 103.1034)
contains.

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Color

**XYZ(81.6656, 86.8016,
102.8926)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F1FA
RGB	231, 241, 250
RGB Percent	91%, 95%, 98%
CMY	0.0941, 0.0549, 0.0196
CMYK	0.08, 0.04, 0.00, 0.02
HSL	208°, 66%, 94%
HSV	208°, 8%, 98%
XYZ	81.6656, 86.8016, 102.8926
YIQ	239.0360, -8.8490, 0.6790

Conversions

Conversions Part 2

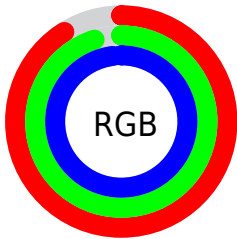
Format	Color
R _Y B	231, 238, 250
Decimal	15200762
CIE Lab	94.65, -1.62, -5.48
CIE LCh	95, 5.714, 253.552
Yxy	86.8016, 0.3009, 0.3199
Android (android.graphics.Color)	4293390842 (0xFFE7F1FA)
YUV	239.0360, 5.4053, -7.0476
Hunter-Lab	93.1674, -6.5792, -0.2618

Details

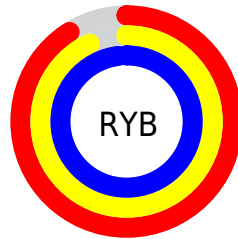
The XYZ color **81.6656, 86.8016, 102.8926** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.0086, 88.4131, 88.1878**, and the grayscale version is **82.0384, 86.3108, 93.9924**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7658, 47.7069, 57.8879** is the 20% darker color. If you saturate the color by 10%, you get **70.7755, 76.1559, 101.4131**, and if you desaturate by 10%, it is **93.5713, 98.3136, 104.4885**.

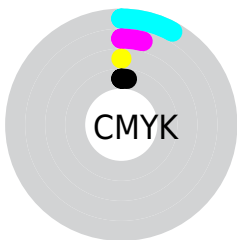
Distribution



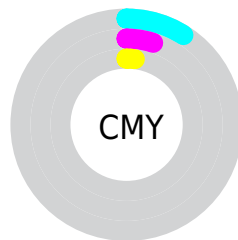
- Red (91%)
- Green (95%)
- Blue (98%)



- Red (91%)
- Yellow (93%)
- Blue (98%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.6656, 86.8016, 102.8926 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 81.6656, 86.8016, 102.8926 by changing the saturation by 10% instead.

81.6656, 86.8016,
102.8926

81.6656, 86.8016,
102.8926

489.1799,
517.5707, 590.7530

61.4031, 65.3310,
78.0882

134.6432,
142.8876, 167.2131

44.8043, 47.7296,
57.6295

168.0891,
178.2718, 207.5662

31.5040, 33.6128,
41.0982

206.6601,
219.0626, 253.9392

21.1366, 22.5963,
28.0755

250.7216,
265.6445, 306.7508

13.3369, 14.2957,
18.1430

300.6390,
318.4019, 366.4195

7.7396, 8.3266,
10.8822

356.7776,

3.9791, 4.3046,

377.7191, 433.3637

5.8745

419.5028,
443.9806, 508.0020

■ 1.6903, 1.8454,
2.7014

■ 0.4502, 0.5152,
0.9441

■ 81.6656, 86.8016,
102.8926

■ 81.6656, 86.8016,
102.8926

■ 70.7755, 76.1559,
101.4131

■ 93.5713, 98.3136,
104.4885

■ 61.2101, 66.5224,
100.0578

■ 94.2556, 99.6822,
104.7166

■ 52.9156, 57.8691,
98.8247

■ 45.8310, 50.1580,
97.7097

■ 39.8902, 43.3478,
96.7083

■ 35.0200, 37.3937,
95.8157

■ 31.1378, 32.2455,
95.0267

■ 28.1467, 27.8456,
94.3350

■ 25.9206, 24.1208,
93.7334

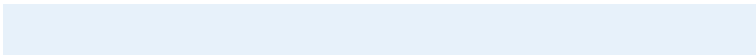
Harmonies

Analogous

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



80.3720, 86.8016, 100.4847



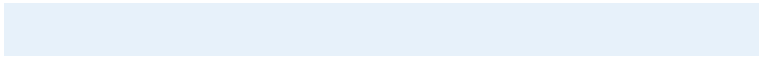
81.6656, 86.8016, 102.8926



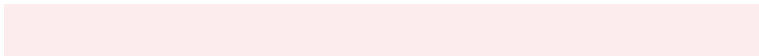
83.1991, 86.8016, 103.0102

Triad

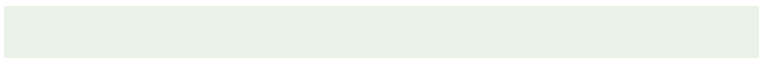
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.6656, 86.8016, 102.8926



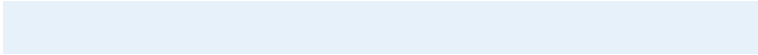
85.4185, 86.8016, 92.5363



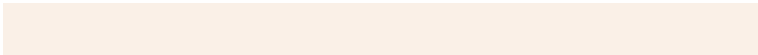
80.4762, 86.8016, 88.4904

Complementary

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



81.6656, 86.8016, 102.8926



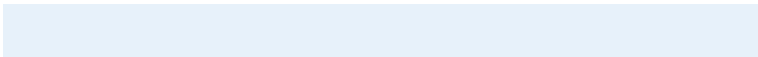
85.0086, 88.4131, 88.1878

Split Complementary

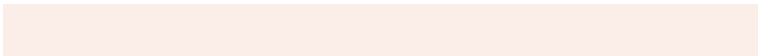
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.8095, 86.8016, 86.4949



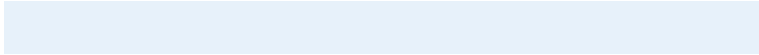
81.6656, 86.8016, 102.8926



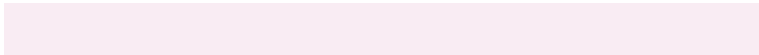
84.6700, 86.8016, 88.7812

Square

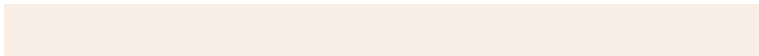
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



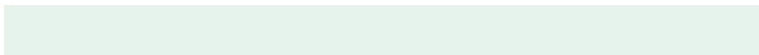
81.6656, 86.8016, 102.8926



85.3788, 86.8016, 96.9371



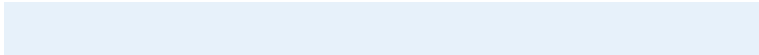
83.3447, 86.8016, 86.5996



79.6911, 86.8016, 92.1281

Rectangle

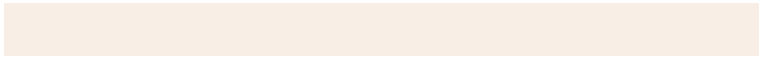
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.6656, 86.8016, 102.8926



84.1520, 86.8016, 101.7672



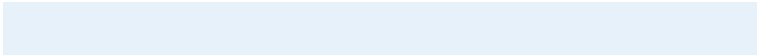
83.3447, 86.8016, 86.5996



80.8744, 86.8016, 87.6104

Sweetspot

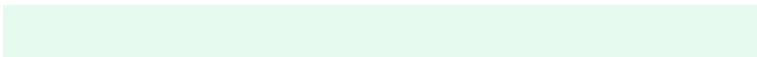
The Sweet Spot groups the original color and five complimentary colors.



81.6681, 86.8053, 102.8945



92.4330, 97.5144, 108.5582



82.8504, 91.6449, 95.6583



19.8119, 20.8982, 23.2395



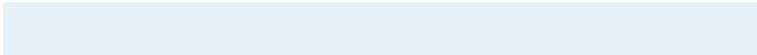
0.0000, 0.0000, 0.0000



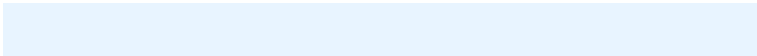
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.6681, 86.8053, 102.8945



83.7357, 89.1658, 107.4051



78.9653, 81.3996, 101.9936



17.0394, 18.1557, 21.9916



13.6479, 12.6515, 49.6962



1.3702, 1.3841, 4.6381

Inverse Universe

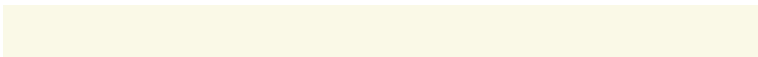
The Inverse Universe completely reimagines the original color for something new.



83.8794, 83.8285, 94.9829



86.4601, 85.5411, 97.6482



87.8386, 94.0732, 89.1312



17.6264, 17.3779, 19.8886



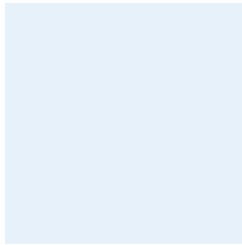
23.1809, 11.6881, 12.9268



2.2005, 1.1040, 1.4795

Previews

White Background



This preview shows how the XYZ color 81.6656, 86.8016, 102.8926 looks on a white background.

Color Contrast Check

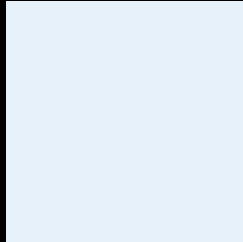
Large Text (above 18pt) WCAG AA × Fail

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 81.6656, 86.8016, 102.8926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

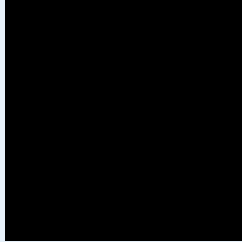
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

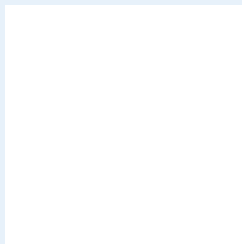
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.6656, 86.8016, 102.8926

Background



This preview shows how black text looks on a background with the XYZ color 81.6656, 86.8016, 102.8926.



This preview shows how white text looks on a background with the XYZ color 81.6656, 86.8016,

102.8926.

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

81.6656, 86.8016, 102.8926

Protanopia

83.7934, 86.6272, 101.1113

Deuteranopia

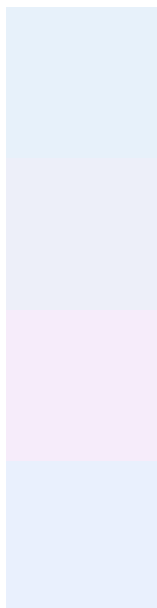
87.6342, 86.4400, 102.5082



Tritanopia

83.1418, 87.0326, 107.0247

Trichromacy



Original Color

81.6656, 86.8016, 102.8926

Protanomaly

82.8904, 86.5771, 101.9648

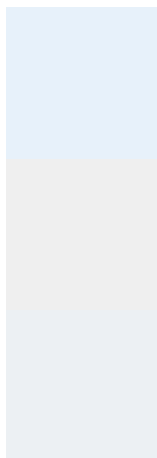
Deuteranomaly

85.2568, 86.4859, 102.6424

Tritanomaly

82.4940, 86.7357, 105.3223

Monochromacy



Original Color

81.6656, 86.8016, 102.8926

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.9298, 86.6241, 97.1960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.6656, 86.8016, 102.8926 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(231, 241, 250)` looks like.

```
.text, #text, p{  
    color:rgb(231, 241, 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(231, 241, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 241, 250) }
```

Border

The CSS property to change the border of an element to XYZ 81.6656, 86.8016, 102.8926 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(231, 241, 250) }
```


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

```
.border{ border-color:rgb(231, 241, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 241, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 241, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 241, 250);  
box-shadow:4px 4px 4px 4px rgb(231, 241,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 81.6656, 86.8016, 102.8926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 241, 250) }
```

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

```
.background{ background-color: rgb(231,  
241, 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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