

Converting Colors

XYZ(80.9845, 86.7482,
107.0835)

Have a look what the booklet for
XYZ(80.9845, 86.7482, 107.0835)
contains.

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Color

**XYZ(81.1662, 86.8930,
107.1019)**

Conversions

Conversions Part 1

Format	Color
Hex	E2F2FF
RGB	226, 242, 255
RGB Percent	89%, 95%, 100%
CMY	0.1137, 0.0510, 0.0000
CMYK	0.11, 0.05, 0.00, 0.00
HSL	207°, 100%, 94%
HSV	207°, 11%, 100%
XYZ	81.1662, 86.8930, 107.1019
YIQ	238.6980, -13.7090, 0.6510

Conversions

Conversions Part 2

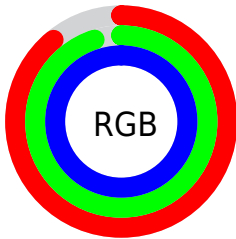
Format	Color
R _Y B	226, 236, 255
Decimal	14873343
CIE _{Lab}	94.69, -2.76, -8.05
CIE _{LCh}	95, 8.512, 251.108
Yxy	86.8930, 0.2950, 0.3158
Android (android.graphics.Color)	4293063423 (0xFFE2F2FF)
YUV	238.6980, 8.0369, -11.1361
Hunter-Lab	93.2164, -7.7037, -2.8703

Details

The XYZ color **81.1662, 86.8930, 107.1019** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.8335, 88.4824, 84.5081**, and the grayscale version is **81.7584, 86.0162, 93.6717**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5465, 47.8530, 60.3148** is the 20% darker color. If you saturate the color by 10%, you get **70.4617, 76.4845, 105.6570**, and if you desaturate by 10%, it is **93.2769, 98.3467, 108.6743**.

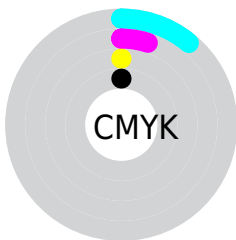
Distribution



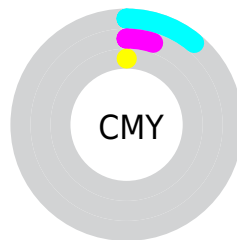
- Red (89%)
- Green (95%)
- Blue (100%)



- Red (89%)
- Yellow (93%)
- Blue (100%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1662, 86.8930, 107.1019 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 81.1662, 86.8930, 107.1019 by changing the saturation by 10% instead.

81.1662, 86.8930,
107.1019

81.1662, 86.8930,
107.1019

487.5313,
517.8712, 604.1700

60.9902, 65.4067,
81.5949

133.9460,
143.0150, 173.0198

44.4698, 47.7909,
60.4978

167.2807,
178.4194, 214.2678

31.2395, 33.6613,
43.3921

205.7322,
219.2320, 261.5998

20.9340, 22.6335,
29.8592

249.6660,
265.8372, 315.4344

13.1880, 14.3232,
19.4806

299.4475,
318.6193, 376.1903

7.6360, 8.3458,
11.8377

355.4419,

3.9128, 4.3170,

377.9627, 444.2857

6.5121

418.0147,
444.2519, 520.1395

■ 1.6529, 1.8524,
3.0851

■ 0.4265, 0.5195,
1.1383

■ 81.1662, 86.8930,
107.1019

■ 81.1662, 86.8930,
107.1019

■ 70.4617, 76.4845,
105.6570

■ 93.2769, 98.3467,
108.6743

■ 61.1005, 67.0759,
104.3343

95.0500, 100.0000,
108.9000

■ 53.0247, 58.6338,
103.1305

■ 46.1693, 51.1187,
102.0413

■ 40.4629, 44.4876,
101.0621

■ 35.8261, 38.6932,
100.1880

■ 32.1683, 33.6819,
99.4135

■ 29.3811, 29.3909,
98.7322

■ 27.5346, 26.1892,
98.2115

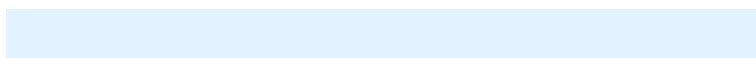
Harmonies

Analogous

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



79.3031, 86.8930, 103.1816



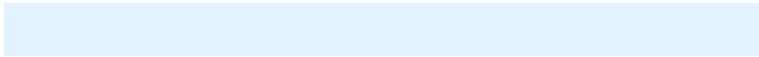
81.1662, 86.8930, 107.1019



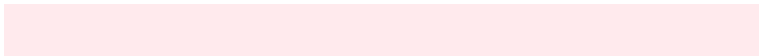
83.4438, 86.8930, 107.5857

Triad

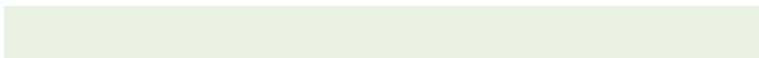
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1662, 86.8930, 107.1019



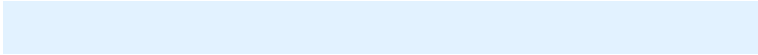
87.0031, 86.8930, 92.1936



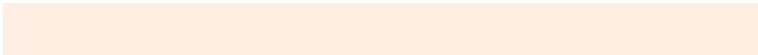
79.7168, 86.8930, 85.3900

Complementary

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



81.1662, 86.8930, 107.1019



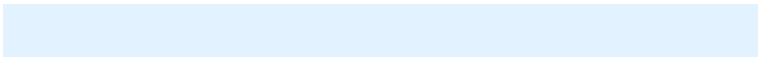
85.8335, 88.4824, 84.5081

Split Complementary

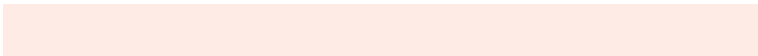
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.7405, 86.8930, 82.7250



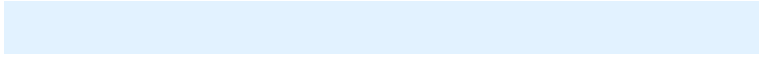
81.1662, 86.8930, 107.1019



85.9648, 86.8930, 86.5300

Square

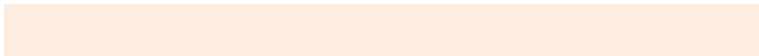
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1662, 86.8930, 107.1019



86.8424, 86.8930, 98.7702



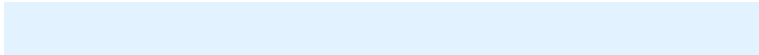
84.0287, 86.8930, 83.1324



78.4771, 86.8930, 90.5716

Rectangle

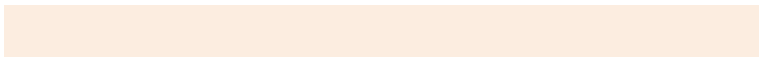
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.1662, 86.8930, 107.1019



84.8941, 86.8930, 105.8700



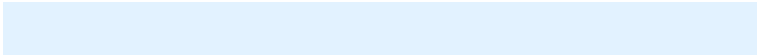
84.0287, 86.8930, 83.1324



80.3264, 86.8930, 84.1813

Sweetspot

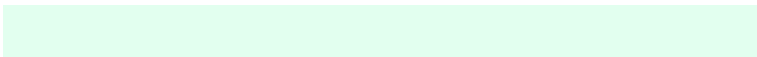
The Sweet Spot groups the original color and five complimentary colors.



81.1685, 86.8965, 107.1024



91.2074, 96.4100, 108.4096



82.6410, 93.8956, 95.0952



19.3070, 20.4338, 23.1765



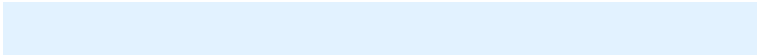
0.0000, 0.0000, 0.0000



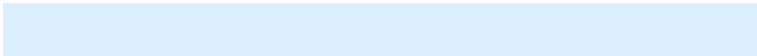
20.3446, 21.4041, 23.3091

Same Dimension

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



81.1685, 86.8965, 107.1024



78.2208, 84.0606, 106.7104



77.1405, 78.8405, 105.7597



17.8342, 19.0399, 22.9851



14.5388, 13.9871, 51.3681



1.5247, 1.5801, 5.0379

Inverse Universe

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



84.4648, 82.0651, 95.3969



82.2301, 78.3118, 92.4444



90.1142, 97.0439, 85.9350



18.4289, 18.1549, 20.8759



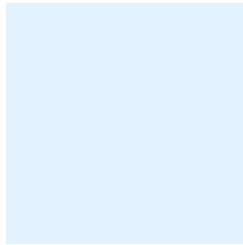
24.1267, 12.1400, 14.5835



2.4042, 1.2041, 1.7100

Previews

White Background



This preview shows how the XYZ color 81.1662, 86.8930, 107.1019 looks on a white background.

Color Contrast Check

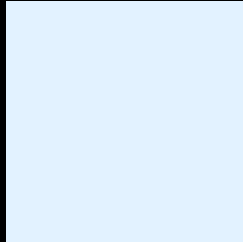
Large Text (above 18pt) WCAG AA × Fail

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 81.1662, 86.8930, 107.1019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

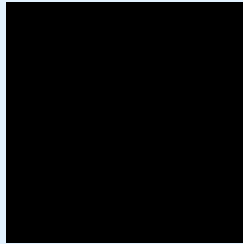
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

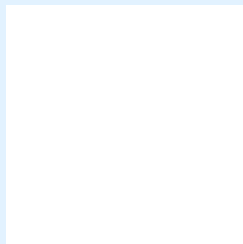
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.1662, 86.8930, 107.1019

Background



This preview shows how black text looks on a background with the XYZ color 81.1662, 86.8930, 107.1019.



This preview shows how white text looks on a background with the XYZ color 81.1662, 86.8930,

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

81.1662, 86.8930, 107.1019

Protanopia

84.2393, 86.7662, 105.2362

Deuteranopia

87.6969, 86.3805, 106.6587



Tritanopia

82.1384, 86.9536, 107.0623

Trichromacy



Original Color

81.1662, 86.8930, 107.1019

Protanomaly

83.0168, 86.5509, 106.0965

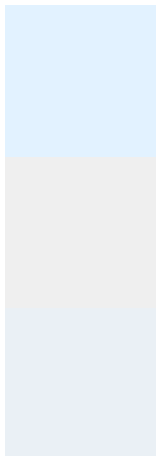
Deuteranomaly

85.0076, 86.2656, 106.7783

Tritanomaly

81.8184, 86.7886, 107.0473

Monochromacy



Original Color

81.1662, 86.8930, 107.1019

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.5732, 86.4052, 98.7647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1662, 86.8930, 107.1019 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(226, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 242, 255)  
}
```

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(226, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 242, 255) }
```

Border

The CSS property to change the border of an element to XYZ 81.1662, 86.8930, 107.1019 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(226, 242, 255) }
```


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

```
.border{ border-color:rgb(226, 242, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 242,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1662, 86.8930, 107.1019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 242, 255) }
```

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

```
.background{ background-color: rgb(226,  
242, 255) }
```

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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