

Converting Colors

XYZ(84.7534, 88.7779,
126.7788)

Have a look what the booklet for
XYZ(84.7534, 88.7779, 126.7788)
contains.

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Color

**XYZ(81.1519, 87.3287,
107.1867)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F3FF
RGB	225, 243, 255
RGB Percent	88%, 95%, 100%
CMY	0.1176, 0.0470, 0.0000
CMYK	0.12, 0.05, 0.00, 0.00
HSL	204°, 100%, 94%
HSV	204°, 12%, 100%
XYZ	81.1519, 87.3287, 107.1867
YIQ	238.9860, -14.5800, -0.0840

Conversions

Conversions Part 2

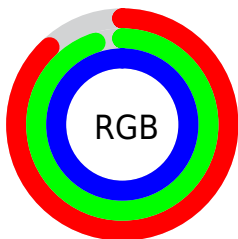
Format	Color
R_{YB}	225, 236, 255
Decimal	14808063
CIE _{Lab}	94.88, -3.58, -7.79
CIE _{LCh}	95, 8.571, 245.311
Yxy	87.3287, 0.2944, 0.3168
Android (android.graphics.Color)	4292998143 (0xFFE1F3FF)
YUV	238.9860, 7.8949, -12.2657
Hunter-Lab	93.4498, -8.5277, -2.5906

Details

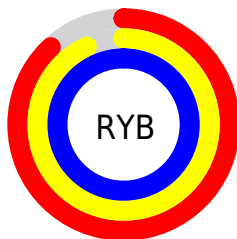
The XYZ color **81.1519, 87.3287, 107.1867** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.1142, 87.2630, 83.5932**, and the grayscale version is **81.9838, 86.2533, 93.9299**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5409, 48.1639, 60.3751** is the 20% darker color. If you saturate the color by 10%, you get **70.8215, 77.6007, 105.8535**, and if you desaturate by 10%, it is **92.8435, 98.0148, 108.6331**.

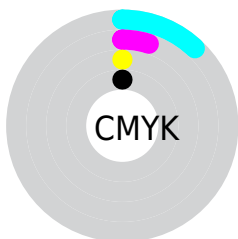
Distribution



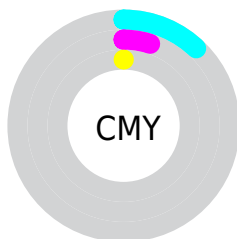
- Red (88%)
- Green (95%)
- Blue (100%)



- Red (88%)
- Yellow (93%)
- Blue (100%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1519, 87.3287, 107.1867 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 81.1519, 87.3287, 107.1867 by changing the saturation by 10% instead.

81.1519, 87.3287,
107.1867

81.1519, 87.3287,
107.1867

487.4840,
519.3024, 604.4387

60.9784, 65.7673,
81.6656

133.9261,
143.6222, 173.1365

44.4602, 48.0835,
60.5558

167.2575,
179.1231, 214.4024

31.2320, 33.8930,
43.4385

205.7056,
220.0392, 261.7536

20.9282, 22.8114,
29.8954

249.6358,
266.7549, 315.6087

13.1837, 14.4543,
19.5078

299.4133,
319.6547, 376.3862

7.6330, 8.4373,
11.8573

355.4037,

3.9109, 4.3760,

379.1230, 444.5047

6.5252

417.9721,
445.5440, 520.3826

■ 1.6518, 1.8861,
3.0931

■ 0.4258, 0.5400,
1.1424

■ 81.1519, 87.3287,
107.1867

■ 81.1519, 87.3287,
107.1867

■ 70.8215, 77.6007,
105.8535

■ 92.8435, 98.0148,
108.6331

■ 61.7904, 68.7876,
104.6284

95.0500, 100.0000,
108.9000

■ 54.0015, 60.8583,
103.5084

■ 47.3909, 53.7756,
102.4897

■ 41.8883, 47.4989,
101.5682

■ 37.4153, 41.9832,
100.7393

■ 33.8819, 37.1775,
99.9980

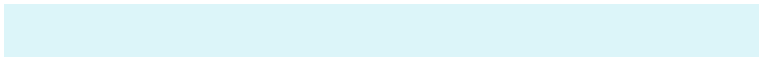
■ 31.1804, 33.0216,
99.3382

■ 29.4473, 30.0147,
98.8491

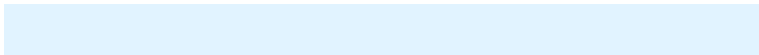
Harmonies

Analogous

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



79.4121, 87.3287, 102.6721



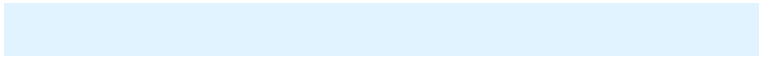
81.1519, 87.3287, 107.1867



83.4174, 87.3287, 108.3981

Triad

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



81.1519, 87.3287, 107.1867



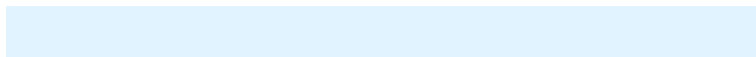
87.5299, 87.3287, 93.9071



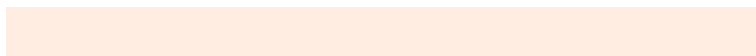
80.4486, 87.3287, 85.0264

Complementary

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



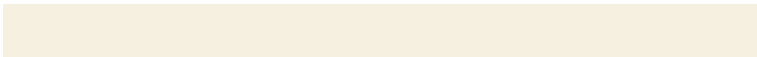
81.1519, 87.3287, 107.1867



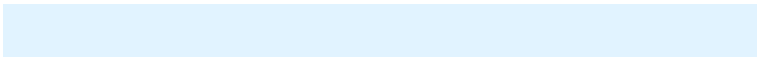
85.1142, 87.2630, 83.5932

Split Complementary

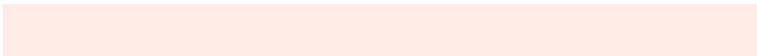
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5906, 87.3287, 82.9112



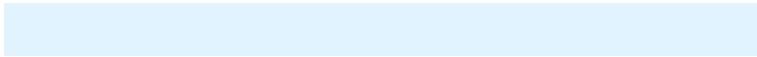
81.1519, 87.3287, 107.1867



86.7012, 87.3287, 87.8833

Square

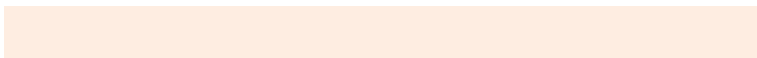
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



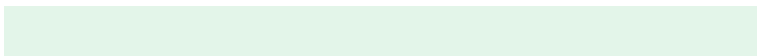
81.1519, 87.3287, 107.1867



87.1274, 87.3287, 100.5290



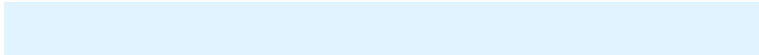
84.8827, 87.3287, 83.9323



79.0114, 87.3287, 89.8433

Rectangle

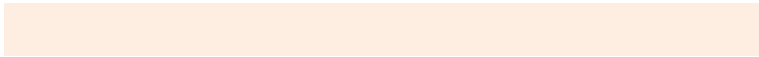
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.1519, 87.3287, 107.1867



84.9273, 87.3287, 107.1231



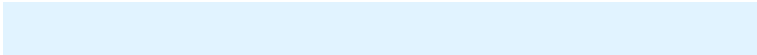
84.8827, 87.3287, 83.9323



81.1086, 87.3287, 83.9864

Sweetspot

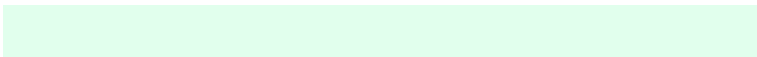
The Sweet Spot groups the original color and five complimentary colors.



81.1542, 87.3322, 107.1873



90.1091, 95.5418, 108.2999



82.0253, 93.6132, 93.4853



19.0935, 20.2742, 23.1569



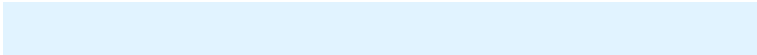
0.0000, 0.0000, 0.0000



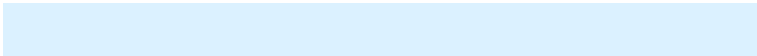
20.3446, 21.4041, 23.3091

Same Dimension

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



81.1542, 87.3322, 107.1873



78.7278, 85.0747, 106.8794



76.9837, 78.9913, 105.7971



17.9098, 19.1913, 23.0103



15.5370, 15.9835, 51.7008



1.6197, 1.7702, 5.0696

Inverse Universe

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



84.3443, 81.5830, 96.0999



82.4860, 78.4142, 93.7920



89.4846, 96.0037, 85.0500



18.4671, 18.1702, 21.0770



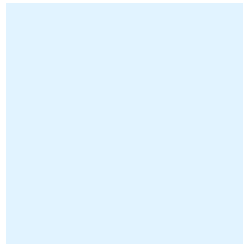
24.6305, 12.3415, 17.2367



2.4522, 1.2232, 1.9626

Previews

White Background



This preview shows how the XYZ color 81.1519, 87.3287, 107.1867 looks on a white background.

Color Contrast Check

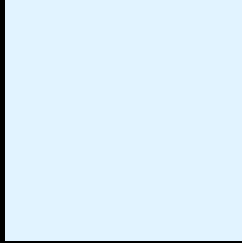
Large Text (above 18pt) WCAG AA × Fail

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 81.1519, 87.3287, 107.1867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

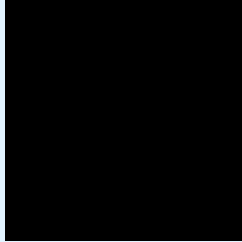
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

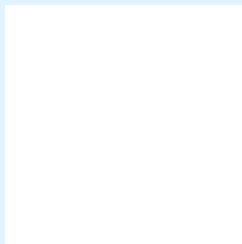
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.1519, 87.3287, 107.1867

Background



This preview shows how black text looks on a background with the XYZ color 81.1519, 87.3287, 107.1867.



This preview shows how white text looks on a background with the XYZ color 81.1519, 87.3287,

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

81.1519, 87.3287, 107.1867

Protanopia

84.7128, 87.4621, 104.5125

Deuteranopia

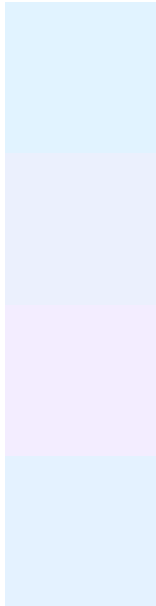
88.3459, 87.1365, 106.7704



Tritanopia

82.1384, 86.9536, 107.0623

Trichromacy



Original Color

81.1519, 87.3287, 107.1867

Protanomaly

83.1507, 87.0742, 105.3530

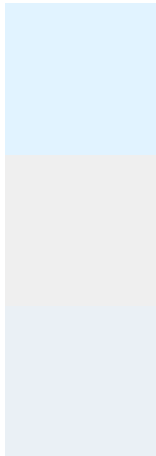
Deuteranomaly

85.2963, 86.8431, 106.8745

Tritanomaly

81.7970, 87.2182, 107.1314

Monochromacy



Original Color

81.1519, 87.3287, 107.1867

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 81.1519, 87.3287, 107.1867 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(225, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 243, 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(225, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 243, 255) }
```

Border

The CSS property to change the border of an element to XYZ 81.1519, 87.3287, 107.1867 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(225, 243, 255) }
```


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

```
.border{ border-color:rgb(225, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 243,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1519, 87.3287, 107.1867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 243, 255) }
```

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

```
.background{ background-color: rgb(225,  
243, 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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