

Converting Colors

XYZ(80.6055, 86.5131,
107.0581)

Have a look what the booklet for
XYZ(80.6055, 86.5131, 107.0581)
contains.

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Color

**XYZ(80.5426, 86.5716,
107.0727)**

Conversions

Conversions Part 1

Format	Color
Hex	E0F2FF
RGB	224, 242, 255
RGB Percent	88%, 95%, 100%
CMY	0.1216, 0.0510, 0.0000
CMYK	0.12, 0.05, 0.00, 0.00
HSL	205°, 100%, 94%
HSV	205°, 12%, 100%
XYZ	80.5426, 86.5716, 107.0727
YIQ	238.1000, -14.9010, 0.2270

Conversions

Conversions Part 2

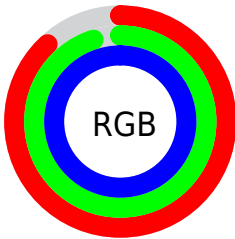
Format	Color
R_{YB}	224, 235, 255
Decimal	14742271
CIE _{Lab}	94.56, -3.39, -8.27
CIE _{LCh}	95, 8.937, 247.742
Yxy	86.5716, 0.2938, 0.3157
Android (android.graphics.Color)	4292932351 (0xFFE0F2FF)
YUV	238.1000, 8.3317, -12.3657
Hunter-Lab	93.0439, -8.3098, -3.0988

Details

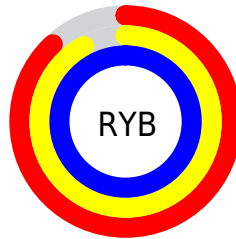
The XYZ color **80.5426, 86.5716, 107.0727** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.9781, 87.2084, 82.8766**, and the grayscale version is **81.2932, 85.5268, 93.1387**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1141, 47.6300, 60.2945** is the 20% darker color. If you saturate the color by 10%, you get **70.1356, 76.6227, 105.7009**, and if you desaturate by 10%, it is **92.3253, 97.5104, 108.5631**.

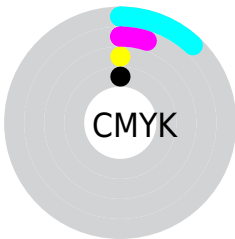
Distribution



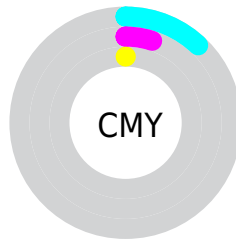
- Red (88%)
- Green (95%)
- Blue (100%)



- Red (88%)
- Yellow (92%)
- 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 80.5426, 86.5716, 107.0727 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 80.5426, 86.5716, 107.0727 by changing the saturation by 10% instead.

80.5426, 86.5716,
107.0727

80.5426, 86.5716,
107.0727

485.4683,
516.8141, 604.0774

60.4750, 65.1407,
81.5705

133.0749,
142.5669, 172.9796

44.0525, 47.5752,
60.4779

166.2702,
177.9001, 214.2214

30.9099, 33.4906,
43.3761

204.5721,
218.6362, 261.5468

20.6817, 22.5026,
29.8467

248.3460,
265.1596, 315.3745

13.0027, 14.2266,
19.4712

297.9572,
317.8547, 376.1228

7.5074, 8.2785,
11.8310

353.7711,

3.8305, 4.2736,

377.1059, 444.2104

6.5076

416.1530,
443.2976, 520.0557

■ 1.6067, 1.8278,
3.0824

■ 0.3968, 0.5044,
1.1368

■ 80.5426, 86.5716,
107.0727

■ 80.5426, 86.5716,
107.0727

■ 70.1356, 76.6227,
105.7009

■ 92.3253, 97.5104,
108.5631

■ 61.0418, 67.6199,
104.4424

95.0500, 100.0000,
108.9000

■ 53.2036, 59.5311,
103.2943

■ 46.5564, 52.3179,
102.2523

■ 41.0291, 45.9386,
101.3123

■ 36.5425, 40.3473,
100.4695

■ 33.0055, 35.4915,
99.7187

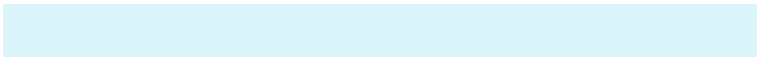
■ 30.3088, 31.3093,
99.0536

■ 28.6558, 28.4316,
98.5853

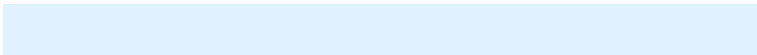
Harmonies

Analogous

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



78.6768, 86.5716, 102.6127



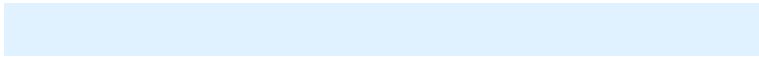
80.5426, 86.5716, 107.0727



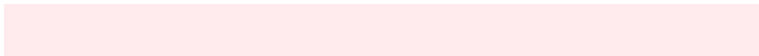
82.9090, 86.5716, 108.0194

Triad

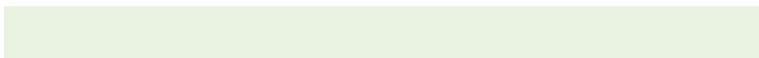
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.5426, 86.5716, 107.0727



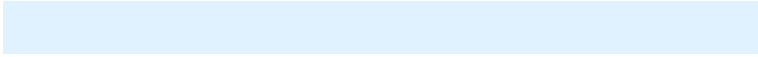
86.9568, 86.5716, 92.4868



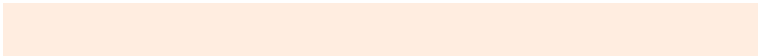
79.4823, 86.5716, 84.1611

Complementary

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



80.5426, 86.5716, 107.0727



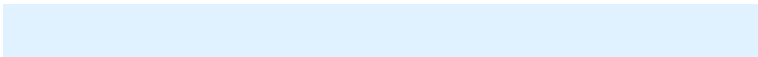
84.9781, 87.2084, 82.8766

Split Complementary

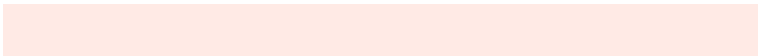
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.6616, 86.5716, 81.7249



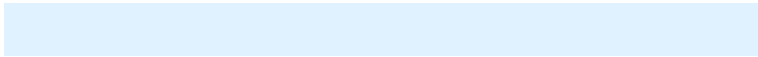
80.5426, 86.5716, 107.0727



85.9992, 86.5716, 86.3766

Square

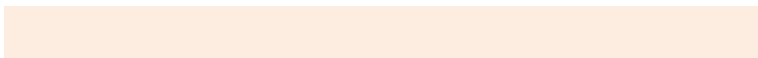
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.5426, 86.5716, 107.0727



86.6431, 86.5716, 99.3735



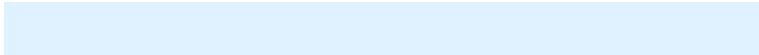
84.0497, 86.5716, 82.5157



78.0730, 86.5716, 89.3284

Rectangle

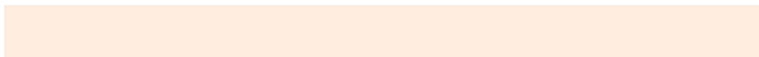
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.5426, 86.5716, 107.0727



84.4576, 86.5716, 106.4900



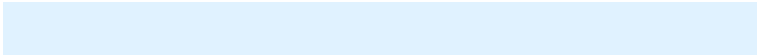
84.0497, 86.5716, 82.5157



80.1474, 86.5716, 83.0074

Sweetspot

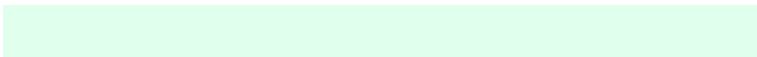
The Sweet Spot groups the original color and five complimentary colors.



80.5449, 86.5751, 107.0732



90.0475, 95.4186, 108.2794



81.7752, 93.4773, 93.7908



19.0779, 20.2430, 23.1517



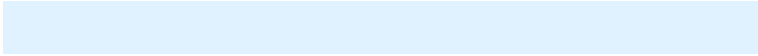
0.0000, 0.0000, 0.0000



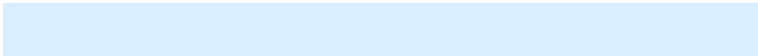
20.3446, 21.4041, 23.3091

Same Dimension

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



80.5449, 86.5751, 107.0732



77.4473, 83.6461, 106.6711



76.1469, 77.7792, 105.6073



17.8794, 19.1305, 23.0002



15.1243, 15.1581, 51.5633



1.5807, 1.6920, 5.0566

Inverse Universe

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



83.9241, 80.9836, 95.2168



81.5633, 76.9869, 92.1955



89.6363, 96.5248, 84.4294



18.4518, 18.1640, 20.9963



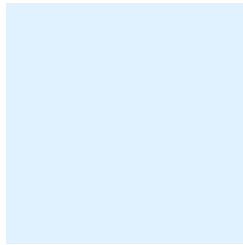
24.4222, 12.2582, 16.1398



2.4325, 1.2154, 1.8587

Previews

White Background



This preview shows how the XYZ color 80.5426, 86.5716, 107.0727 looks on a white background.

Color Contrast Check

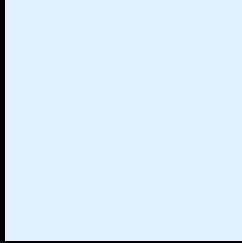
Large Text (above 18pt) WCAG AA × Fail

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 80.5426, 86.5716, 107.0727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

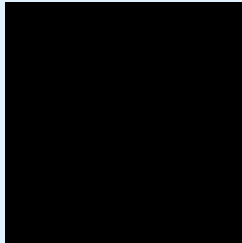
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

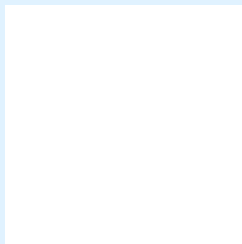
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.5426, 86.5716, 107.0727

Background



This preview shows how black text looks on a background with the XYZ color 80.5426, 86.5716, 107.0727.



This preview shows how white text looks on a background with the XYZ color 80.5426, 86.5716,

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

80.5426, 86.5716, 107.0727

Protanopia

83.7418, 86.5281, 104.3834

Deuteranopia

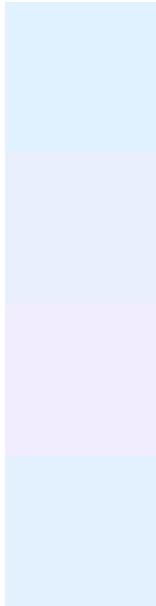
87.3338, 86.1933, 106.6417



Tritanopia

81.8184, 86.7886, 107.0473

Trichromacy



Original Color

80.5426, 86.5716, 107.0727

Protanomaly

82.5278, 86.3173, 105.2397

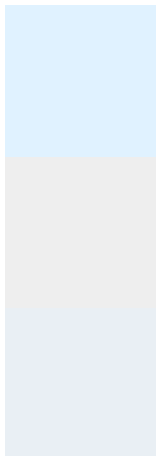
Deuteranomaly

84.6634, 86.0882, 106.7622

Tritanomaly

81.1839, 86.4615, 107.0176

Monochromacy



Original Color

80.5426, 86.5716, 107.0727

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.7999, 85.5883, 97.8495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5426, 86.5716, 107.0727 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(224, 242, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 242, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 242, 255) }
```

Border

The CSS property to change the border of an element to XYZ 80.5426, 86.5716, 107.0727 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(224, 242, 255) }
```


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

```
.border{ border-color:rgb(224, 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(224, 242, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 242, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 242, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 242,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5426, 86.5716, 107.0727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 242, 255) }
```

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

```
.background{ background-color: rgb(224,  
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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