

Converting Colors

XYZ(81.0935, 86.1755, 97.9474)

Have a look what the booklet for
XYZ(81.0935, 86.1755, 97.9474)
contains.

XYZ(81.0935, 86.1755, 97.9474)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.0935, 86.1755,
97.9474)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F0F4
RGB	233, 240, 244
RGB Percent	91%, 94%, 96%
CMY	0.0863, 0.0588, 0.0431
CMYK	0.05, 0.02, 0.00, 0.04
HSL	202°, 33%, 94%
HSV	202°, 5%, 96%
XYZ	81.0935, 86.1755, 97.9474
YIQ	238.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

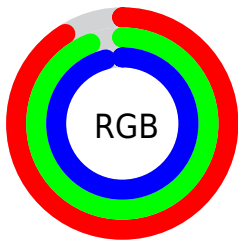
Format	Color
R _{YB}	233, 237, 244
Decimal	15331572
CIE Lab	94.39, -1.58, -2.74
CIE LCh	94, 3.167, 240.050
Yxy	86.1755, 0.3058, 0.3249
Android (android.graphics.Color)	4293521652 (0xFFE9F0F4)
YUV	238.3630, 2.7790, -4.7034
Hunter-Lab	92.8308, -6.5229, 2.4236

Details

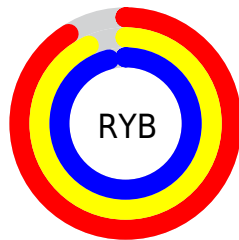
The XYZ color **81.0935, 86.1755, 97.9474** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.3006, 85.6838, 89.2930**, and the grayscale version is **81.5335, 85.7796, 93.4140**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3491, 47.2589, 54.3614** is the 20% darker color. If you saturate the color by 10%, you get **71.1268, 77.2601, 96.7532**, and if you desaturate by 10%, it is **91.4048, 95.4626, 99.1978**.

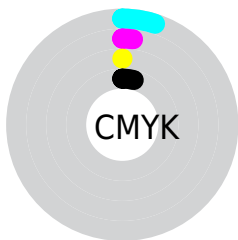
Distribution



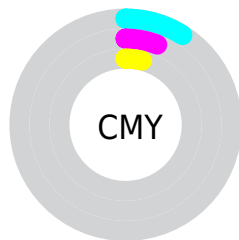
- Red (91%)
- Green (94%)
- Blue (96%)



- Red (91%)
- Yellow (93%)
- Blue (96%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.0935, 86.1755, 97.9474 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 81.0935, 86.1755, 97.9474 by changing the saturation by 10% instead.

81.0935, 86.1755,
97.9474

81.0935, 86.1755,
97.9474

487.2910,
515.5097, 574.7820

60.9302, 64.8131,
73.9801

133.8445,
142.0144, 160.3608

44.4211, 47.3096,
54.2811

167.1629,
177.2596, 199.6439

31.2011, 33.2804,
38.4317

205.5970,
217.9013, 244.8695

20.9046, 22.3414,
26.0135

249.5122,
264.3238, 296.4560

13.1663, 14.1079,
16.6079

299.2739,
316.9115, 354.8219

7.6210, 8.1958,
9.7963

355.2473,

3.9031, 4.2205,

376.0488, 420.3859

5.1603

417.7979,
442.1201, 493.5664

■ 1.6475, 1.7976,
2.2812

■ 0.4231, 0.4857,
0.7207

■ 81.0935, 86.1755,
97.9474

■ 81.0935, 86.1755,
97.9474

■ 71.1268, 77.2601,
96.7532

■ 91.4048, 95.4626,
99.1978

■ 62.3399, 69.1370,
95.6484

■ 93.3294, 99.3118,
99.8394

■ 54.6852, 61.7816,
94.6321

■ 48.1094, 55.1633,
93.7012

■ 42.5540, 49.2493,
92.8525

■ 37.9551, 44.0036,
92.0824

■ 34.2404, 39.3860,
91.3869

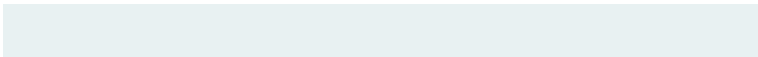
■ 31.3266, 35.3505,
90.7615

■ 29.1118, 31.8414,
90.2009

Harmonies

Analogous

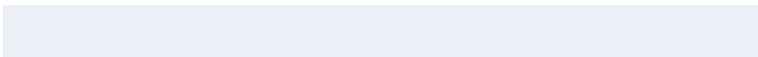
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.4998, 86.1755, 96.1954



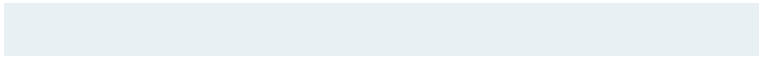
81.0935, 86.1755, 97.9474



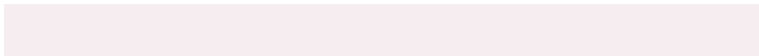
81.9087, 86.1755, 98.5924

Triad

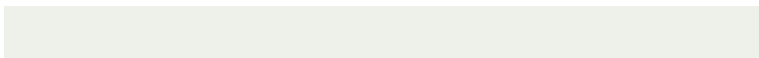
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0935, 86.1755, 97.9474



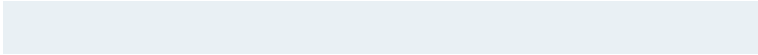
83.5535, 86.1755, 93.8264



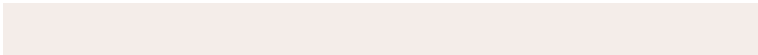
81.0910, 86.1755, 89.8345

Complementary

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



81.0935, 86.1755, 97.9474



82.3006, 85.6838, 89.2930

Split Complementary

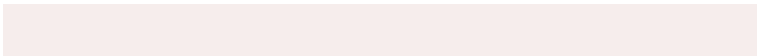
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9058, 86.1755, 89.2244



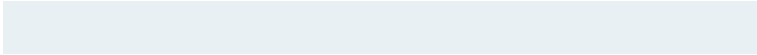
81.0935, 86.1755, 97.9474



83.3309, 86.1755, 91.5046

Square

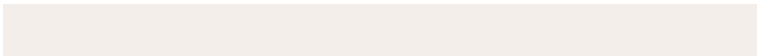
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



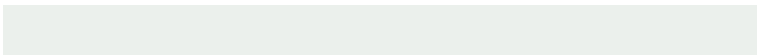
81.0935, 86.1755, 97.9474



83.3324, 86.1755, 96.1882



82.7264, 86.1755, 89.8305



80.4984, 86.1755, 91.5116

Rectangle

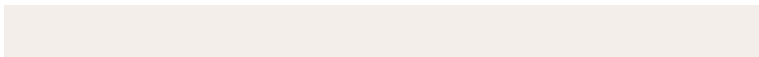
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.0935, 86.1755, 97.9474



82.4692, 86.1755, 98.2993



82.7264, 86.1755, 89.8305



81.3478, 86.1755, 89.4992

Sweetspot

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



81.0960, 86.1792, 97.9493



93.8232, 98.9299, 108.7581



81.2204, 88.1321, 92.7376



20.0950, 21.1864, 23.2802



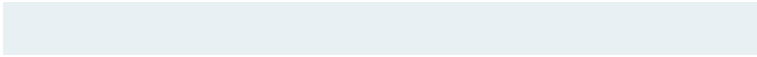
0.0000, 0.0000, 0.0000



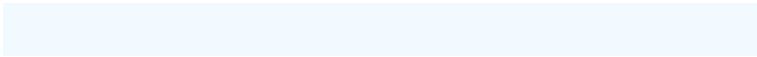
20.3446, 21.4041, 23.3091

Same Dimension

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



81.0960, 86.1792, 97.9493



89.0540, 94.7418, 108.2011



79.5429, 83.0731, 97.4316



17.2996, 18.4323, 21.1886



15.4194, 16.6325, 48.9357



1.4527, 1.6568, 4.3335

Inverse Universe

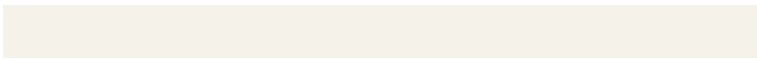
The Inverse Universe completely reimagines the original color for something new.



82.1772, 83.8038, 94.2870



90.3797, 91.8384, 103.7085



83.8739, 88.8305, 89.8175



17.5938, 17.7906, 20.1908



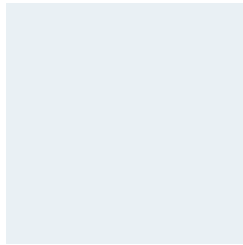
23.5875, 11.7784, 18.3340



2.1223, 1.0549, 1.8704

Previews

White Background



This preview shows how the XYZ color 81.0935, 86.1755, 97.9474 looks on a white background.

Color Contrast Check

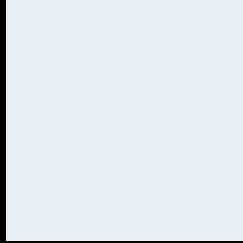
Large Text (above 18pt) WCAG AA × Fail

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 81.0935, 86.1755, 97.9474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

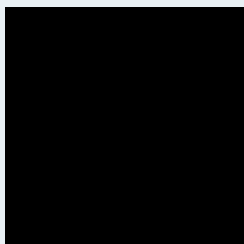
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

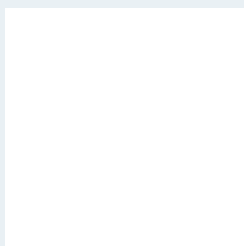
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0935, 86.1755, 97.9474

Background



This preview shows how black text looks on a background with the XYZ color 81.0935, 86.1755, 97.9474.



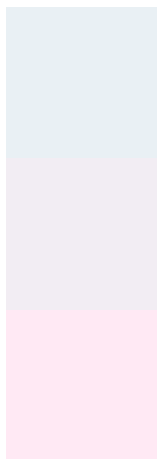
This preview shows how white text looks on a background with the XYZ color 81.0935, 86.1755,

97.9474.

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

81.0935, 86.1755, 97.9474

Protanopia

83.0798, 85.9167, 96.9988

Deuteranopia

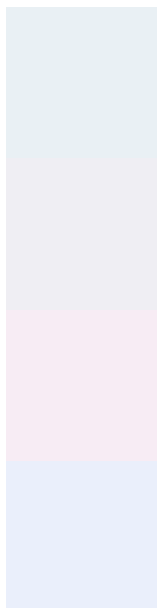
86.7080, 86.0695, 97.6310



Tritanopia

82.8855, 86.0312, 106.8449

Trichromacy



Original Color

81.0935, 86.1755, 97.9474

Protanomaly

82.3488, 85.9709, 97.0478

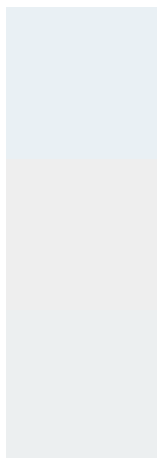
Deuteranomaly

84.6824, 86.2967, 97.7816

Tritanomaly

82.2108, 86.1905, 103.5702

Monochromacy



Original Color

81.0935, 86.1755, 97.9474

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.1867, 85.8571, 94.7312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0935, 86.1755, 97.9474 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(233, 240, 244) looks like.

```
.text, #text, p{  
    color:rgb(233, 240, 244)  
}
```

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(233, 240, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 240, 244) }
```

Border

The CSS property to change the border of an element to XYZ 81.0935, 86.1755, 97.9474 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(233, 240, 244) }
```


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

```
.border{ border-color:rgb(233, 240, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 240, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 240, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 240, 244);  
box-shadow:4px 4px 4px 4px rgb(233, 240,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0935, 86.1755, 97.9474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 240, 244) }
```

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

```
.background{ background-color: rgb(233,  
240, 244) }
```

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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