

Converting Colors

XYZ(81.6406, 86.8691, 97.7260)

Have a look what the booklet for
XYZ(81.6406, 86.8691, 97.7260)
contains.

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Color

**XYZ(81.7161, 86.9347,
98.0611)**

Conversions

Conversions Part 1

Format	Color
Hex	EAF1F4
RGB	234, 241, 244
RGB Percent	92%, 95%, 96%
CMY	0.0823, 0.0549, 0.0431
CMYK	0.04, 0.01, 0.00, 0.04
HSL	198°, 31%, 94%
HSV	198°, 4%, 96%
XYZ	81.7161, 86.9347, 98.0611
YIQ	239.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

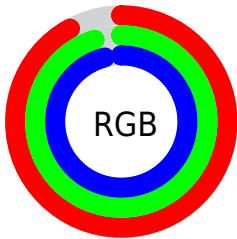
Format	Color
R_{YB}	234, 238, 244
Decimal	15397364
CIE _{Lab}	94.71, -1.76, -2.26
CIE _{LCh}	95, 2.868, 232.048
Y _{xy}	86.9347, 0.3064, 0.3259
Android (android.graphics.Color)	4293587444 (0xFFEAF1F4)
Y _{UV}	239.2490, 2.3422, -4.6034
Hunter-Lab	93.2388, -6.7273, 2.9107

Details

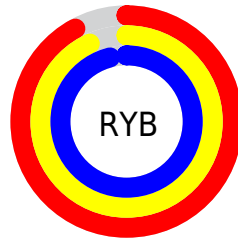
The XYZ color **81.7161, 86.9347, 98.0611** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.4438, 85.7410, 90.0476**, and the grayscale version is **82.2253, 86.5074, 94.2066**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7862, 47.7937, 54.4416** is the 20% darker color. If you saturate the color by 10%, you get **72.1306, 78.8473, 97.0066**, and if you desaturate by 10%, it is **91.2340, 95.1210, 99.1409**.

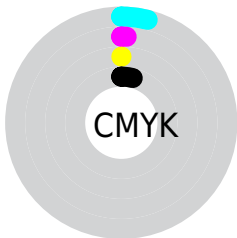
Distribution



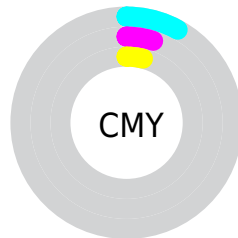
- Red (92%)
- Green (95%)
- Blue (96%)



- Red (92%)
- Yellow (93%)
- Blue (96%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (8%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.7161, 86.9347, 98.0611 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 81.7161, 86.9347, 98.0611 by changing the saturation by 10% instead.

■ 81.7161, 86.9347,
98.0611

■ 81.7161, 86.9347,
98.0611

489.3465,
518.0083, 575.1518

■ 61.4449, 65.4412,
74.0744

134.7137,
143.0731, 160.5187

■ 44.8382, 47.8189,
54.3578

168.1708,
178.4868, 199.8267

■ 31.5307, 33.6835,
38.4927

206.7538,
219.3093, 245.0789

■ 21.1571, 22.6506,
26.0605

250.8283,
265.9251, 296.6939

■ 13.3520, 14.3357,
16.6427

300.7594,
318.7184, 355.0901

■ 7.7501, 8.3545,
9.8208

356.9125,

■ 3.9859, 4.3226,

378.0738, 420.6861

5.1763

419.6531,
444.3756, 493.9005

■ 1.6942, 1.8556,
2.2905

■ 0.4526, 0.5215,
0.7259

■ 81.7161, 86.9347,
98.0611

■ 81.7161, 86.9347,
98.0611

■ 72.1306, 78.8473,
97.0066

■ 91.2340, 95.1210,
99.1409

■ 63.6868, 71.4735,
96.0284

■ 93.3294, 99.3118,
99.8393

■ 56.3383, 64.7903,
95.1257

■ 50.0326, 58.7690,
94.2958

■ 44.7126, 53.3786,
93.5357

■ 40.3152, 48.5850,
92.8423

■ 36.7696, 44.3500,
92.2117

■ 33.9939, 40.6299,
91.6399

■ 31.8882, 37.3713,
91.1220

Harmonies

Analogous

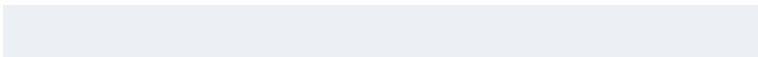
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2558, 86.9347, 96.2676



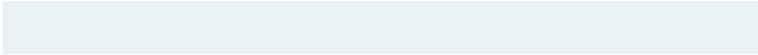
81.7161, 86.9347, 98.0611



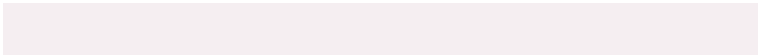
82.4229, 86.9347, 98.9454

Triad

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



81.7161, 86.9347, 98.0611



84.1129, 86.9347, 95.2485



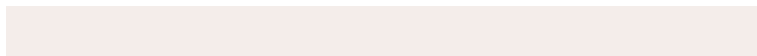
82.0709, 86.9347, 90.7578

Complementary

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



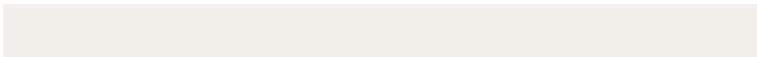
81.7161, 86.9347, 98.0611



82.4438, 85.7410, 90.0476

Split Complementary

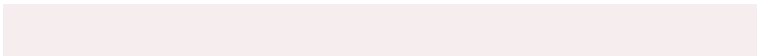
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.8351, 86.9347, 90.4945



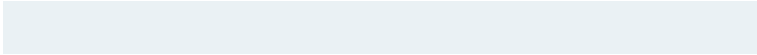
81.7161, 86.9347, 98.0611



84.0172, 86.9347, 93.0647

Square

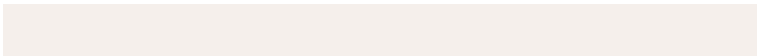
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



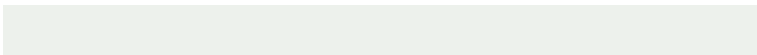
81.7161, 86.9347, 98.0611



83.8090, 86.9347, 97.3051



83.5483, 86.9347, 91.3328



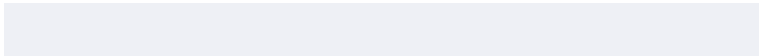
81.4598, 86.9347, 92.0576

Rectangle

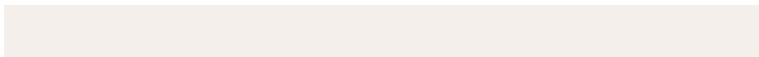
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.7161, 86.9347, 98.0611



82.9402, 86.9347, 98.8909



83.5483, 86.9347, 91.3328



82.3183, 86.9347, 90.5459

Sweetspot

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



81.7186, 86.9384, 98.0630



93.8748, 99.0331, 108.7753



81.5454, 88.2998, 92.7401



20.1055, 21.2074, 23.2837



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.



81.7186, 86.9384, 98.0630



89.3073, 95.2485, 108.2855



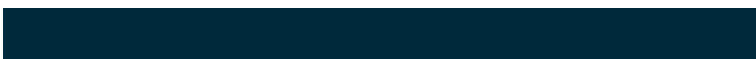
80.3056, 84.1123, 97.5920



17.3558, 18.5448, 21.2073



16.9121, 19.6180, 49.4333



1.5760, 1.9035, 4.3746

Inverse Universe

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



82.6101, 84.4312, 95.1663



90.5076, 91.8896, 104.3819



83.8634, 88.5801, 90.5208



17.6222, 17.8020, 20.3403



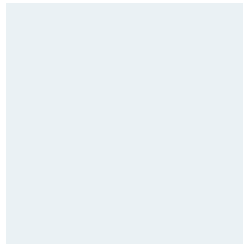
24.3410, 12.0798, 22.3016



2.1846, 1.0798, 2.1983

Previews

White Background



This preview shows how the XYZ color 81.7161, 86.9347, 98.0611 looks on a white background.

Color Contrast Check

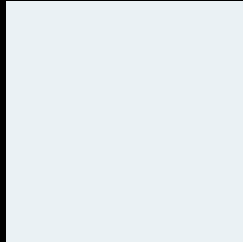
Large Text (above 18pt) WCAG AA × Fail

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 81.7161, 86.9347, 98.0611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

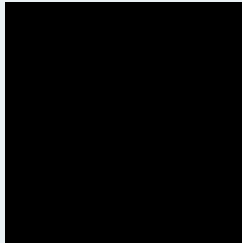
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

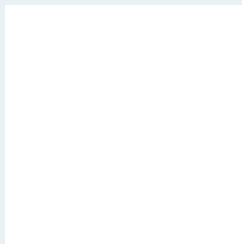
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.7161, 86.9347, 98.0611

Background



This preview shows how black text looks on a background with the XYZ color 81.7161, 86.9347, 98.0611.



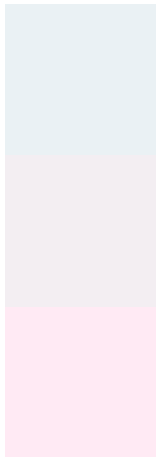
This preview shows how white text looks on a background with the XYZ color 81.7161, 86.9347,

98.0611.

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

81.7161, 86.9347, 98.0611

Protanopia

83.5637, 86.6146, 96.3184

Deuteranopia

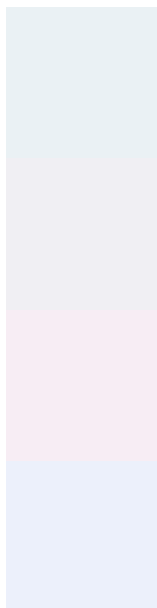
86.9920, 86.6373, 97.7257



Tritanopia

83.8416, 86.9575, 106.9733

Trichromacy



Original Color

81.7161, 86.9347, 98.0611

Protanomaly

82.9793, 86.7293, 97.1610

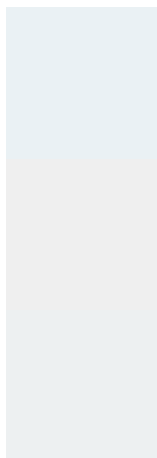
Deuteranomaly

84.9711, 86.8742, 97.8779

Tritanomaly

83.1647, 87.1181, 103.6990

Monochromacy



Original Color

81.7161, 86.9347, 98.0611

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.9623, 86.6756, 95.6293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7161, 86.9347, 98.0611 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(234, 241, 244) looks like.

```
.text, #text, p{  
    color:rgb(234, 241, 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(234, 241, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 241, 244) }
```

Border

The CSS property to change the border of an element to XYZ 81.7161, 86.9347, 98.0611 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(234, 241, 244) }
```


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

```
.border{ border-color:rgb(234, 241, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 241, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 241, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 241, 244);  
box-shadow:4px 4px 4px 4px rgb(234, 241,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7161, 86.9347, 98.0611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 241, 244) }
```

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

```
.background{ background-color: rgb(234,  
241, 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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