

Converting Colors

XYZ(82.0984, 87.6130,
101.5086)

Have a look what the booklet for
XYZ(82.0984, 87.6130, 101.5086)
contains.

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Color

**XYZ(81.9741, 87.4374,
101.3635)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F2F8
RGB	232, 242, 248
RGB Percent	91%, 95%, 97%
CMY	0.0902, 0.0510, 0.0274
CMYK	0.06, 0.02, 0.00, 0.03
HSL	202°, 53%, 94%
HSV	202°, 6%, 97%
XYZ	81.9741, 87.4374, 101.3635
YIQ	239.6940, -7.8860, -0.2540

Conversions

Conversions Part 2

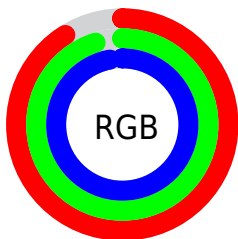
Format	Color
R _Y B	232, 238, 248
Decimal	15266552
CIE Lab	94.92, -2.18, -4.04
CIE LCh	95, 4.590, 241.619
Yxy	87.4374, 0.3027, 0.3229
Android (android.graphics.Color)	4293456632 (0xFFE8F2F8)
YUV	239.6940, 4.0949, -6.7476
Hunter-Lab	93.5080, -7.1563, 1.1847

Details

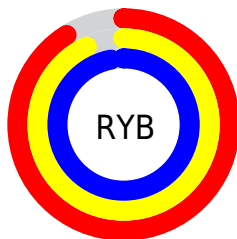
The XYZ color **81.9741, 87.4374, 101.3635** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.8516, 86.9309, 88.7052**, and the grayscale version is **82.5608, 86.8604, 94.5909**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9778, 48.1537, 56.7932** is the 20% darker color. If you saturate the color by 10%, you get **71.7894, 78.1865, 100.1160**, and if you desaturate by 10%, it is **92.7744, 97.2191, 102.6837**.

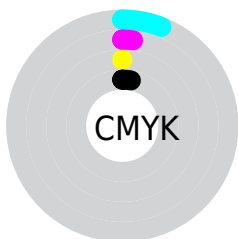
Distribution



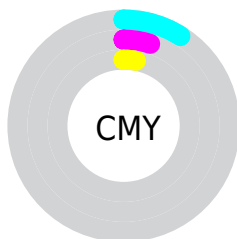
- Red (91%)
- Green (95%)
- Blue (97%)



- Red (91%)
- Yellow (93%)
- Blue (97%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.9741, 87.4374, 101.3635 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 81.9741, 87.4374, 101.3635 by changing the saturation by 10% instead.

81.9741, 87.4374,
101.3635

81.9741, 87.4374,
101.3635

490.1969,
519.6591, 585.8394

61.6582, 65.8572,
76.8165

135.0737,
143.7736, 165.0979

45.0111, 48.1565,
56.5916

168.5881,
179.2985, 205.1224

31.6675, 33.9509,
40.2703

207.2328,
220.2404, 251.1431

21.2620, 22.8558,
27.4340

251.3730,
266.9837, 303.5786

13.4292, 14.4871,
17.6641

301.3742,
319.9129, 362.8474

7.8038, 8.4602,
10.5422

357.6016,

4.0204, 4.3908,

379.4122, 429.3682

5.6496

420.4207,
445.8661, 503.5593

■ 1.7137, 1.8945,
2.5679

■ 0.4648, 0.5451,
0.8758

■ 81.9741, 87.4374,
101.3635

■ 81.9741, 87.4374,
101.3635

■ 71.7894, 78.1865,
100.1160

■ 92.7744, 97.2191,
102.6837

■ 62.8293, 69.7702,
98.9638

■ 93.9435, 99.5574,
103.0734

■ 55.0436, 62.1618,
97.9056

■ 48.3756, 55.3289,
96.9381

■ 42.7633, 49.2362,
96.0579

■ 38.1384, 43.8452,
95.2611

■ 34.4236, 39.1125,
94.5434

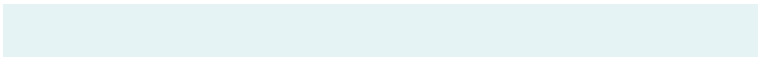
■ 31.5289, 34.9882,
93.8999

■ 29.3419, 31.4107,
93.3246

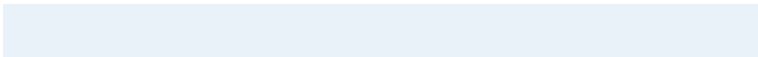
Harmonies

Analogous

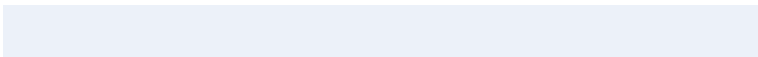
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0851, 87.4374, 98.8435



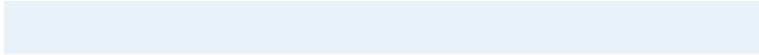
81.9741, 87.4374, 101.3635



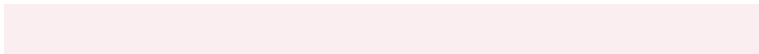
83.1742, 87.4374, 102.2221

Triad

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



81.9741, 87.4374, 101.3635



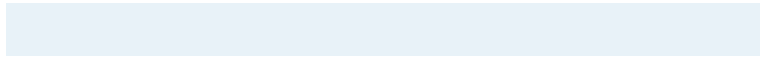
85.5222, 87.4374, 95.0110



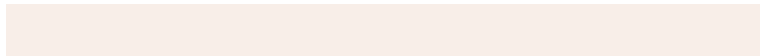
81.8581, 87.4374, 89.4858

Complementary

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



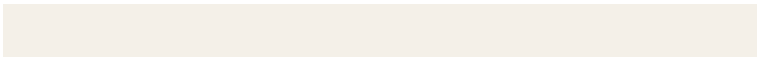
81.9741, 87.4374, 101.3635



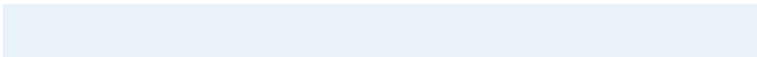
83.8516, 86.9309, 88.7052

Split Complementary

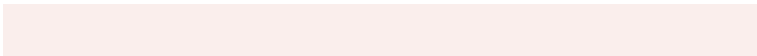
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.0390, 87.4374, 88.5156



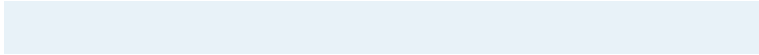
81.9741, 87.4374, 101.3635



85.1615, 87.4374, 91.6558

Square

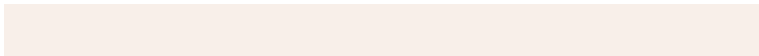
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



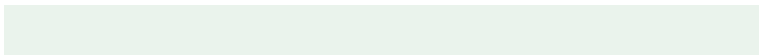
81.9741, 87.4374, 101.3635



85.2302, 87.4374, 98.5001



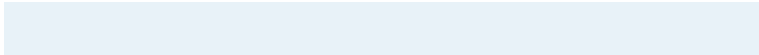
84.2495, 87.4374, 89.3001



81.0186, 87.4374, 91.9832

Rectangle

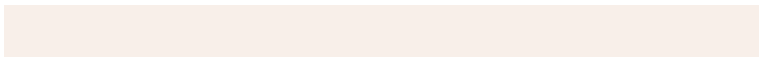
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.9741, 87.4374, 101.3635



83.9916, 87.4374, 101.7202



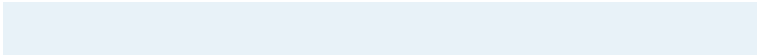
84.2495, 87.4374, 89.3001



82.2279, 87.4374, 88.9731

Sweetspot

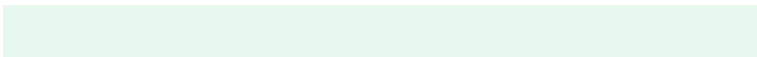
The Sweet Spot groups the original color and five complimentary colors.



81.9766, 87.4411, 101.3654



92.5918, 97.8321, 108.6111



82.2605, 90.4572, 93.9120



19.8442, 20.9629, 23.2503



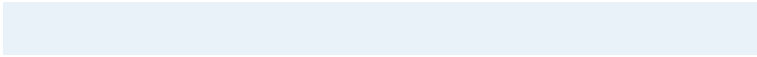
0.0000, 0.0000, 0.0000



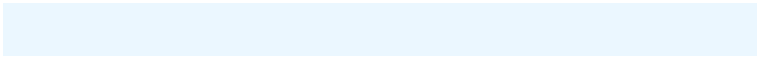
20.3446, 21.4041, 23.3091

Same Dimension

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



81.9766, 87.4411, 101.3654



85.5484, 91.5530, 107.7704



79.6841, 82.8561, 100.6013



17.1873, 18.4514, 22.0409



15.6293, 16.6141, 50.3566



1.5493, 1.7423, 4.6978

Inverse Universe

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



83.5969, 84.0821, 95.8322



87.6773, 87.1852, 100.4905



86.1934, 91.6145, 89.4858



17.7011, 17.4078, 20.2816



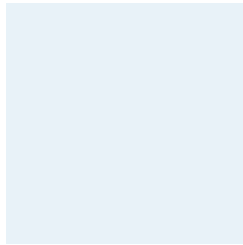
24.1809, 12.0881, 18.1931



2.2909, 1.1401, 1.9555

Previews

White Background



This preview shows how the XYZ color 81.9741, 87.4374, 101.3635 looks on a white background.

Color Contrast Check

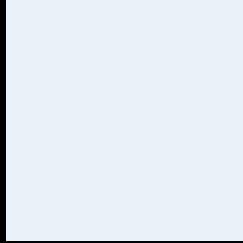
Large Text (above 18pt) WCAG AA × Fail

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 81.9741, 87.4374, 101.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

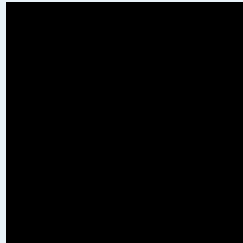
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

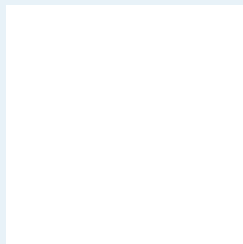
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.9741, 87.4374, 101.3635

Background



This preview shows how black text looks on a background with the XYZ color 81.9741, 87.4374, 101.3635.



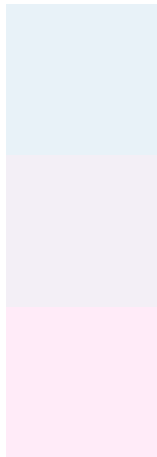
This preview shows how white text looks on a background with the XYZ color 81.9741, 87.4374,

101.3635.

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

81.9741, 87.4374, 101.3635

Protanopia

84.4632, 87.4415, 99.6150

Deuteranopia

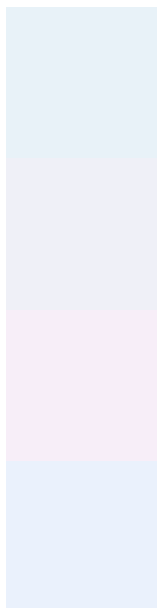
87.8916, 87.4540, 101.0549



Tritanopia

83.4710, 87.2023, 107.0401

Trichromacy



Original Color

81.9741, 87.4374, 101.3635

Protanomaly

83.5452, 87.3863, 100.4596

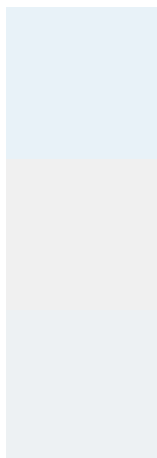
Deuteranomaly

85.8756, 87.7005, 101.2087

Tritanomaly

82.9577, 87.4313, 104.5991

Monochromacy



Original Color

81.9741, 87.4374, 101.3635

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.5580, 87.3862, 97.3100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.9741, 87.4374, 101.3635 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(232, 242, 248)` looks like.

```
.text, #text, p{  
    color:rgb(232, 242, 248)  
}
```

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(232, 242, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 242, 248) }
```

Border

The CSS property to change the border of an element to XYZ 81.9741, 87.4374, 101.3635 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(232, 242, 248) }
```


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

```
.border{ border-color:rgb(232, 242, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 242, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 242, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 242, 248);  
box-shadow:4px 4px 4px 4px rgb(232, 242,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9741, 87.4374, 101.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 242, 248) }
```

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

```
.background{ background-color: rgb(232,  
242, 248) }
```

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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