

Converting Colors

XYZ(82.0675, 87.5295,
103.2602)

Have a look what the booklet for
XYZ(82.0675, 87.5295, 103.2602)
contains.

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Color

**XYZ(81.9624, 87.3953,
102.9916)**

Conversions

Conversions Part 1

Format	Color
Hex	E7F2FA
RGB	231, 242, 250
RGB Percent	91%, 95%, 98%
CMY	0.0941, 0.0510, 0.0196
CMYK	0.08, 0.03, 0.00, 0.02
HSL	205°, 66%, 94%
HSV	205°, 8%, 98%
XYZ	81.9624, 87.3953, 102.9916
YIQ	239.6230, -9.1240, 0.1560

Conversions

Conversions Part 2

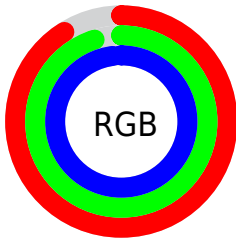
Format	Color
R _Y B	231, 238, 250
Decimal	15201018
CIE _{Lab}	94.91, -2.13, -5.11
CIE _{LCh}	95, 5.534, 247.390
Y _{xy}	87.3953, 0.3009, 0.3209
Android (android.graphics.Color)	4293391098 (0xFFE7F2FA)
Y _{UV}	239.6230, 5.1159, -7.5624
Hunter-Lab	93.4855, -7.1015, 0.1209

Details

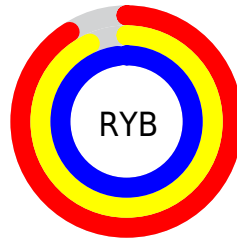
The XYZ color **81.9624, 87.3953, 102.9916** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.7149, 87.8257, 88.0898**, and the grayscale version is **82.4983, 86.7946, 94.5193**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9757, 48.1268, 57.9579** is the 20% darker color. If you saturate the color by 10%, you get **71.4212, 77.4475, 101.6284**, and if you desaturate by 10%, it is **93.4717, 98.1145, 104.4553**.

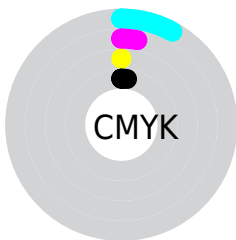
Distribution



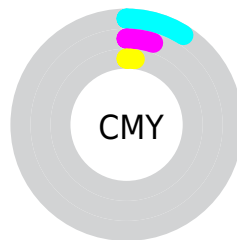
- Red (91%)
- Green (95%)
- Blue (98%)



- Red (91%)
- Yellow (93%)
- Blue (98%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.9624, 87.3953, 102.9916 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 81.9624, 87.3953, 102.9916 by changing the saturation by 10% instead.

81.9624, 87.3953,
102.9916

81.9624, 87.3953,
102.9916

490.1583,
519.5209, 591.0704

61.6485, 65.8224,
78.1705

135.0574,
143.7150, 167.3499

45.0033, 48.1282,
57.6968

168.5692,
179.2306, 207.7242

31.6613, 33.9284,
41.1519

207.2111,
220.1625, 254.1200

21.2572, 22.8386,
28.1172

251.3483,
266.8951, 306.9559

13.4257, 14.4744,
18.1742

301.3463,
319.8129, 366.6503

7.8013, 8.4514,
10.9044

357.5704,

4.0188, 4.3851,

379.3002, 433.6218

5.8892

420.3860,
445.7414, 508.2890

■ 1.7128, 1.8912,
2.7101

■ 0.4643, 0.5431,
0.9485

■ 81.9624, 87.3953,
102.9916

■ 81.9624, 87.3953,
102.9916

■ 71.4212, 77.4475,
101.6284

■ 93.4717, 98.1145,
104.4553

■ 62.1586, 68.4193,
100.3740

■ 94.2556, 99.6822,
104.7166

■ 54.1218, 60.2816,
99.2268

■ 47.2515, 52.9990,
98.1833

■ 41.4830, 46.5333,
97.2393

■ 36.7444, 40.8425,
96.3906

■ 32.9549, 35.8797,
95.6324

■ 30.0192, 31.5907,
94.9593

■ 27.8131, 27.9058,
94.3643

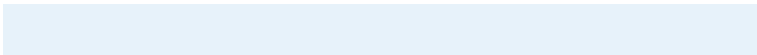
Harmonies

Analogous

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



80.7955, 87.3953, 100.2646



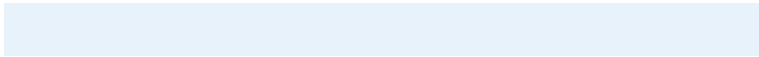
81.9624, 87.3953, 102.9916



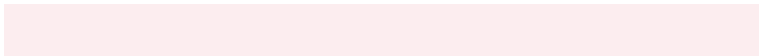
83.4382, 87.3953, 103.5898

Triad

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



81.9624, 87.3953, 102.9916



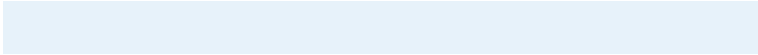
85.9606, 87.3953, 94.0998



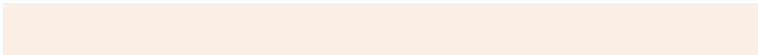
81.3270, 87.3953, 88.7438

Complementary

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



81.9624, 87.3953, 102.9916



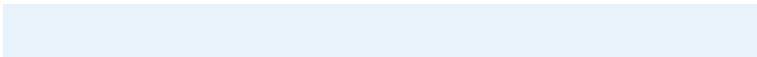
84.7149, 87.8257, 88.0898

Split Complementary

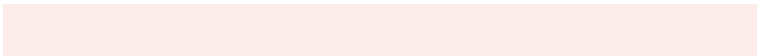
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.6961, 87.3953, 87.1978



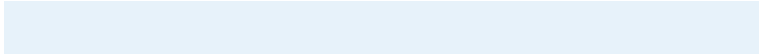
81.9624, 87.3953, 102.9916



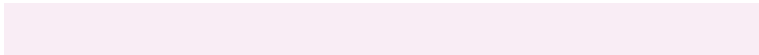
85.3799, 87.3953, 90.2290

Square

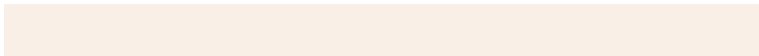
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



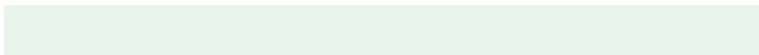
81.9624, 87.3953, 102.9916



85.7584, 87.3953, 98.3706



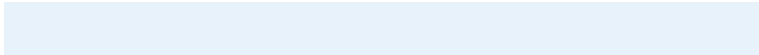
84.1807, 87.3953, 87.7332



80.4317, 87.3953, 92.0173

Rectangle

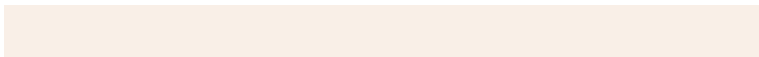
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.9624, 87.3953, 102.9916



84.4009, 87.3953, 102.6849



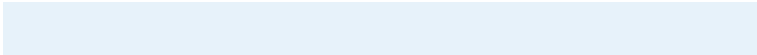
84.1807, 87.3953, 87.7332



81.7464, 87.3953, 88.0094

Sweetspot

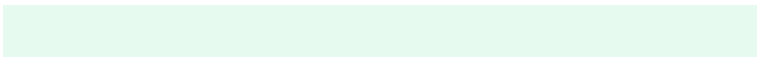
The Sweet Spot groups the original color and five complimentary colors.



81.9649, 87.3990, 102.9935



92.5176, 97.6837, 108.5864



82.7096, 91.5886, 94.9173



19.8291, 20.9327, 23.2453



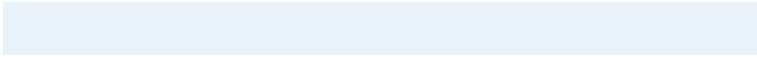
0.0000, 0.0000, 0.0000



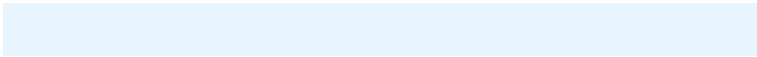
20.3446, 21.4041, 23.3091

Same Dimension

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



81.9649, 87.3990, 102.9935



84.1007, 89.8958, 107.5268



79.2328, 81.9347, 102.0828



17.1180, 18.3129, 22.0178



14.6518, 14.6593, 50.0308



1.4619, 1.5674, 4.6687

Inverse Universe

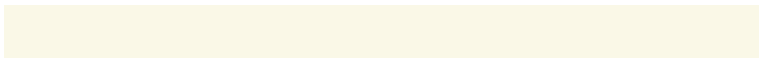
The Inverse Universe completely reimagines the original color for something new.



84.0292, 83.8883, 95.7720



86.6443, 85.6148, 98.6184



87.5452, 93.4863, 89.0332



17.6661, 17.3938, 20.0975



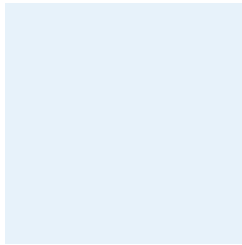
23.6876, 11.8908, 15.5952



2.2468, 1.1225, 1.7231

Previews

White Background



This preview shows how the XYZ color 81.9624, 87.3953, 102.9916 looks on a white background.

Color Contrast Check

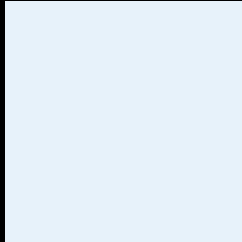
Large Text (above 18pt) WCAG AA × Fail

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 81.9624, 87.3953, 102.9916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

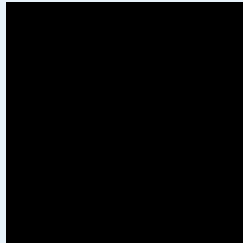
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

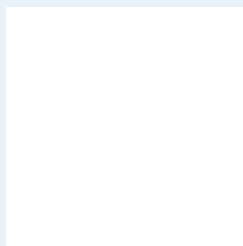
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.9624, 87.3953, 102.9916

Background



This preview shows how black text looks on a background with the XYZ color 81.9624, 87.3953, 102.9916.

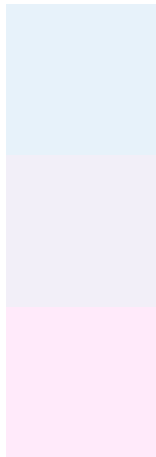


This preview shows how white text looks on a background with the XYZ color 81.9624, 87.3953,

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

81.9624, 87.3953, 102.9916

Protanopia

84.4277, 87.3876, 101.2246

Deuteranopia

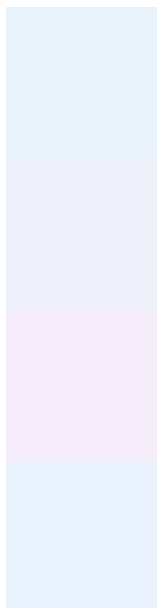
87.9181, 87.0078, 102.6029



Tritanopia

83.1418, 87.0326, 107.0247

Trichromacy



Original Color

81.9624, 87.3953, 102.9916

Protanomaly

83.5189, 87.3369, 102.0783

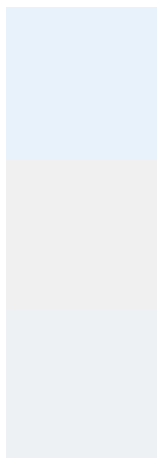
Deuteranomaly

85.5455, 87.0633, 102.7386

Tritanomaly

82.7892, 87.3261, 105.4207

Monochromacy



Original Color

81.9624, 87.3953, 102.9916

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.7095, 87.4468, 98.1076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.9624, 87.3953, 102.9916 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(231, 242, 250)` looks like.

```
.text, #text, p{  
    color:rgb(231, 242, 250)  
}
```

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(231, 242, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 242, 250) }
```

Border

The CSS property to change the border of an element to XYZ 81.9624, 87.3953, 102.9916 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(231, 242, 250) }
```


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

```
.border{ border-color:rgb(231, 242, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 242, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 242, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 242, 250);  
box-shadow:4px 4px 4px 4px rgb(231, 242,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9624, 87.3953, 102.9916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 242, 250) }
```

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

```
.background{ background-color: rgb(231,  
242, 250) }
```

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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