

Converting Colors

XYZ(81.2952, 87.0370,
102.9168)

Have a look what the booklet for
XYZ(81.2952, 87.0370, 102.9168)
contains.

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Color

**XYZ(81.3205, 87.0644,
102.9615)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F2FA
RGB	229, 242, 250
RGB Percent	90%, 95%, 98%
CMY	0.1020, 0.0510, 0.0196
CMYK	0.08, 0.03, 0.00, 0.02
HSL	203°, 68%, 94%
HSV	203°, 8%, 98%
XYZ	81.3205, 87.0644, 102.9615
YIQ	239.0250, -10.3160, -0.2680

Conversions

Conversions Part 2

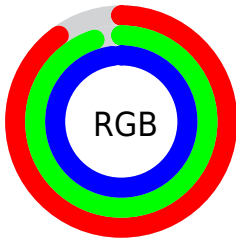
Format	Color
R _Y B	229, 237, 250
Decimal	15069946
CIE Lab	94.77, -2.77, -5.33
CIE LCh	95, 6.008, 242.552
Yxy	87.0644, 0.2997, 0.3209
Android (android.graphics.Color)	4293260026 (0xFFE5F2FA)
YUV	239.0250, 5.4107, -8.7919
Hunter-Lab	93.3083, -7.7224, -0.1080

Details

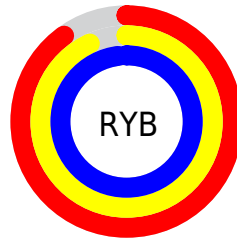
The XYZ color **81.3205, 87.0644, 102.9615** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.8516, 86.5487, 86.4162**, and the grayscale version is **82.0306, 86.3026, 93.9835**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5301, 47.8971, 57.9370** is the 20% darker color. If you saturate the color by 10%, you get **71.1515, 77.7271, 101.6965**, and if you desaturate by 10%, it is **92.7907, 97.2962, 104.3332**.

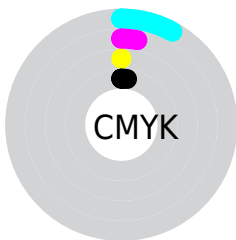
Distribution



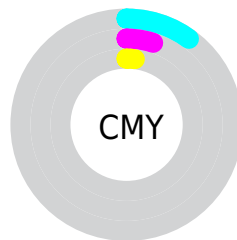
- Red (90%)
- Green (95%)
- Blue (98%)



- Red (90%)
- Yellow (93%)
- Blue (98%)



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



- Cyan (10%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.3205, 87.0644, 102.9615 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 81.3205, 87.0644, 102.9615 by changing the saturation by 10% instead.

81.3205, 87.0644,
102.9615

81.3205, 87.0644,
102.9615

488.0410,
518.4345, 590.9739

61.1178, 65.5485,
78.1455

134.1615,
143.2539, 167.3083

44.5731, 47.9060,
57.6763

167.5305,
178.6963, 207.6762

31.3212, 33.7524,
41.1355

206.0190,
219.5496, 254.0651

20.9966, 22.7035,
28.1045

249.9923,
266.1983, 306.8935

13.2339, 14.3747,
18.1647

299.8158,
319.0268, 366.5801

7.6679, 8.3817,
10.8976

355.8548,

3.9332, 4.3402,

378.4193, 433.5433

5.8847

418.4748,
444.7604, 508.2018

■ 1.6644, 1.8656,
2.7075

■ 0.4338, 0.5276,
0.9472

■ 81.3205, 87.0644,
102.9615

■ 81.3205, 87.0644,
102.9615

■ 71.1515, 77.7271,
101.6965

■ 92.7907, 97.2962,
104.3332

■ 62.2251, 69.2437,
100.5295

■ 94.2556, 99.6822,
104.7166

■ 54.4892, 61.5863,
99.4592

■ 47.8848, 54.7210,
98.4822

■ 42.3475, 48.6111,
97.5947

■ 37.8059, 43.2162,
96.7928

■ 34.1790, 38.4907,
96.0718

■ 31.3713, 34.3816,
95.4267

■ 29.2498, 30.8163,
94.8503

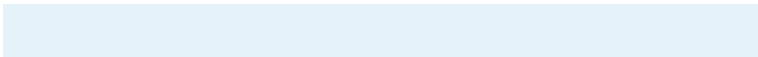
Harmonies

Analogous

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



80.1468, 87.0644, 99.6941



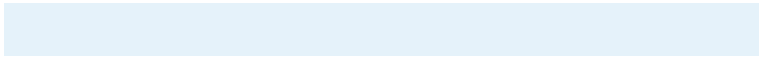
81.3205, 87.0644, 102.9615



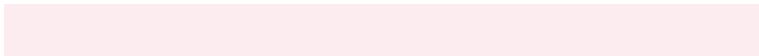
82.8913, 87.0644, 104.0199

Triad

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



81.3205, 87.0644, 102.9615



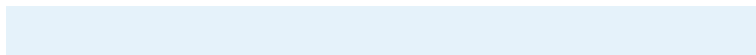
85.9123, 87.0644, 94.4005



81.0826, 87.0644, 87.4554

Complementary

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



81.3205, 87.0644, 102.9615



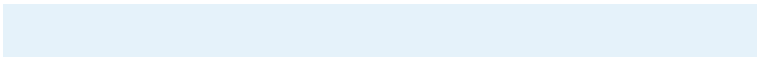
83.8516, 86.5487, 86.4162

Split Complementary

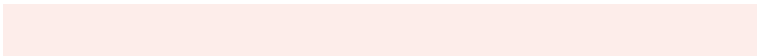
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.6131, 87.0644, 86.1386



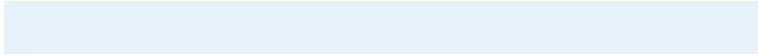
81.3205, 87.0644, 102.9615



85.4133, 87.0644, 90.0655

Square

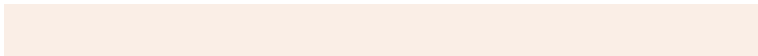
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



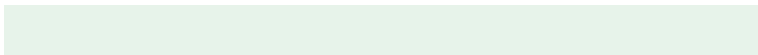
81.3205, 87.0644, 102.9615



85.5554, 87.0644, 98.9823



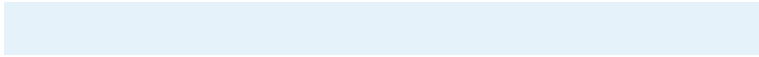
84.2004, 87.0644, 87.0785



80.0107, 87.0644, 90.7340

Rectangle

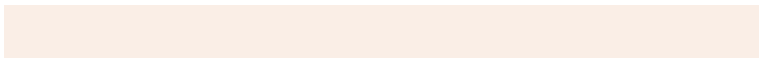
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.3205, 87.0644, 102.9615



83.9560, 87.0644, 103.3032



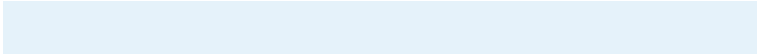
84.2004, 87.0644, 87.0785



81.5598, 87.0644, 86.7736

Sweetspot

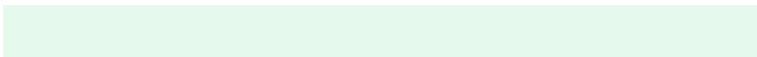
The Sweet Spot groups the original color and five complimentary colors.



81.3230, 87.0681, 102.9634



91.3691, 96.7334, 108.4635



81.7423, 91.1275, 93.1736



19.3507, 20.5211, 23.1910



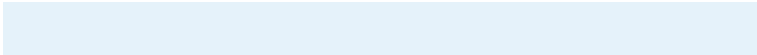
0.0000, 0.0000, 0.0000



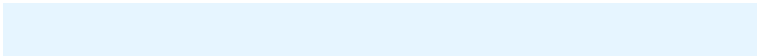
20.3446, 21.4041, 23.3091

Same Dimension

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



81.3230, 87.0681, 102.9634



83.2632, 89.4410, 107.4831



78.3701, 81.1623, 101.9791



17.1782, 18.4333, 22.0379



15.4964, 16.3484, 50.3124



1.5375, 1.7187, 4.6939

Inverse Universe

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



83.4726, 82.7751, 95.5864



85.9237, 84.1860, 98.3396



86.8905, 92.6265, 87.4292



17.6965, 17.4060, 20.2575



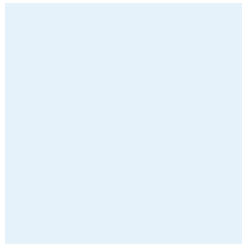
24.1139, 12.0613, 17.8400



2.2850, 1.1377, 1.9242

Previews

White Background



This preview shows how the XYZ color 81.3205, 87.0644, 102.9615 looks on a white background.

Color Contrast Check

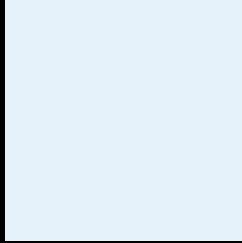
Large Text (above 18pt) WCAG AA × Fail

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 81.3205, 87.0644, 102.9615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

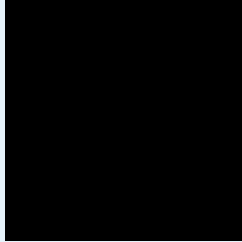
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

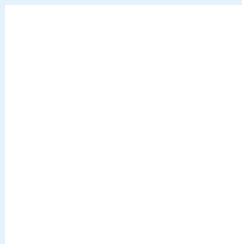
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3205, 87.0644, 102.9615

Background



This preview shows how black text looks on a background with the XYZ color 81.3205, 87.0644, 102.9615.



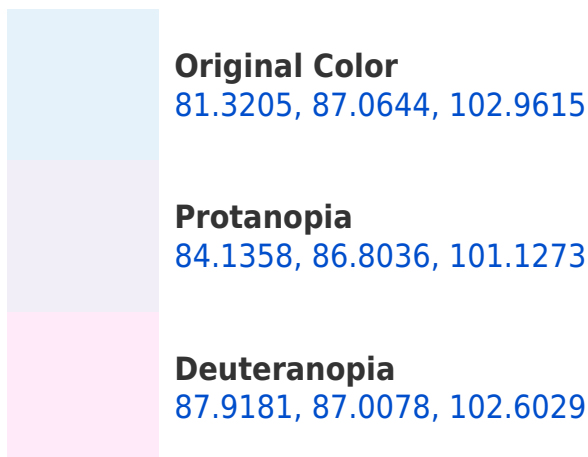
This preview shows how white text looks on a background with the XYZ color 81.3205, 87.0644,

102.9615.

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

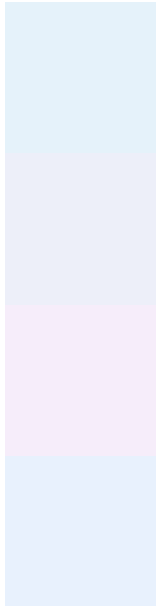




Tritanopia

82.8144, 86.8638, 107.0093

Trichromacy



Original Color

81.3205, 87.0644, 102.9615

Protanomaly

82.8904, 86.5771, 101.9648

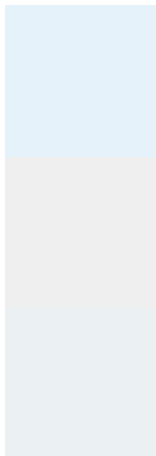
Deuteranomaly

85.5455, 87.0633, 102.7386

Tritanomaly

82.4636, 87.1582, 105.4054

Monochromacy



Original Color

81.3205, 87.0644, 102.9615

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.5987, 86.4534, 97.1805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3205, 87.0644, 102.9615 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(229, 242, 250)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 242, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 242, 250) }
```

Border

The CSS property to change the border of an element to XYZ 81.3205, 87.0644, 102.9615 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(229, 242, 250) }
```


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

```
.border{ border-color:rgb(229, 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(229, 242, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 242, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 242, 250);  
box-shadow:4px 4px 4px 4px rgb(229, 242,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3205, 87.0644, 102.9615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 242, 250) }
```

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

```
.background{ background-color: rgb(229,  
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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