

Converting Colors

XYZ(82.2544, 90.3379,
103.4251)

Have a look what the booklet for
XYZ(82.2544, 90.3379, 103.4251)
contains.

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Color

**XYZ(82.1868, 90.2057,
103.5222)**

Conversions

Conversions Part 1

Format	Color
Hex	E2F8FA
RGB	226, 248, 250
RGB Percent	89%, 97%, 98%
CMY	0.1137, 0.0274, 0.0196
CMYK	0.10, 0.01, 0.00, 0.02
HSL	185°, 71%, 93%
HSV	185°, 10%, 98%
XYZ	82.1868, 90.2057, 103.5222
YIQ	241.6500, -13.7540, -4.0420

Conversions

Conversions Part 2

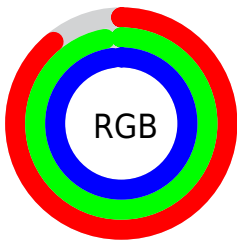
Format	Color
R _Y B	226, 237, 250
Decimal	14874874
CIE Lab	96.08, -6.76, -3.42
CIE LCh	96, 7.578, 206.805
Yxy	90.2057, 0.2979, 0.3269
Android (android.graphics.Color)	4293064954 (0xFFE2F8FA)
YUV	241.6500, 4.1166, -13.7250
Hunter-Lab	94.9767, -11.7466, 1.8591

Details

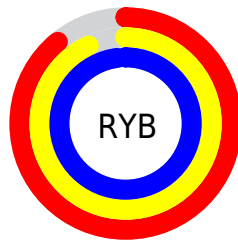
The XYZ color **82.1868, 90.2057, 103.5222** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.8957, 81.3014, 83.3822**, and the grayscale version is **84.1000, 88.4797, 96.3544**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3818, 50.2522, 58.3467** is the 20% darker color. If you saturate the color by 10%, you get **74.2768, 85.1865, 102.9717**, and if you desaturate by 10%, it is **91.2521, 95.8359, 104.1326**.

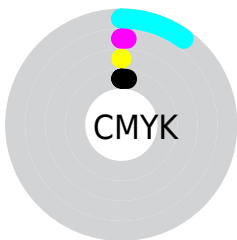
Distribution



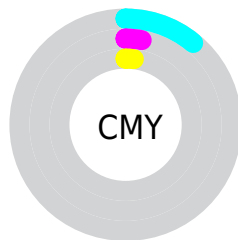
- Red (89%)
- Green (97%)
- Blue (98%)



- Red (89%)
- Yellow (93%)
- Blue (98%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (11%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1868, 90.2057, 103.5222 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 82.1868, 90.2057, 103.5222 by changing the saturation by 10% instead.

82.1868, 90.2057,
103.5222

82.1868, 90.2057,
103.5222

490.8973,
528.6998, 592.7700

61.8342, 68.1513,
78.6121

135.3704,
147.6241, 168.0831

45.1538, 50.0208,
58.0575

168.9320,
183.7568, 208.5709

31.7804, 35.4299,
41.4399

207.6274,
225.3511, 255.0885

21.3485, 23.9942,
28.3407

251.8218,
272.7914, 308.0542

13.4929, 15.3293,
18.3413

301.8807,
326.4620, 367.8867

7.8482, 9.0509,
11.0234

358.1693,

4.0489, 4.7744,

386.7473, 435.0044

5.9682

421.0531,
454.0318, 509.8260

■ 1.7299, 2.1155,
2.7573

■ 0.4748, 0.6733,
0.9721

■ 82.1868, 90.2057,
103.5222

■ 82.1868, 90.2057,
103.5222

■ 74.2768, 85.1865,
102.9717

■ 91.2521, 95.8359,
104.1326

■ 67.4650, 80.7415,
102.4728

■ 93.3577, 97.8864,
104.4174

■ 61.7012, 76.8473,
102.0249

■ 94.0149, 99.2008,
104.6364

■ 56.9281, 73.4742,
101.6254

■ 94.2556, 99.6822,
104.7167

■ 53.0831, 70.5900,
101.2713

■ 50.0960, 68.1584,
100.9594

■ 47.8870, 66.1383,
100.6859

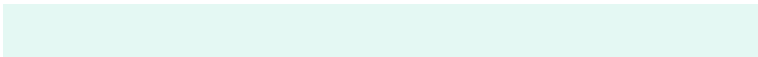
■ 46.3610, 64.4806,
100.4464

■ 45.3677, 63.1078,
100.2338

Harmonies

Analogous

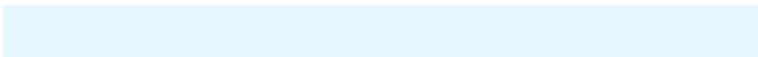
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.7721, 90.2057, 97.5760



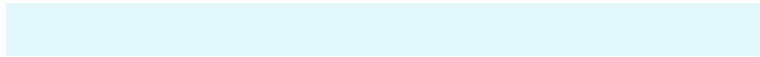
82.1868, 90.2057, 103.5222



83.5477, 90.2057, 108.2090

Triad

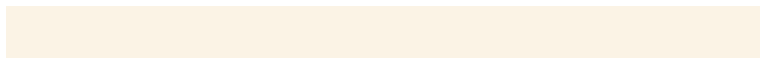
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1868, 90.2057, 103.5222



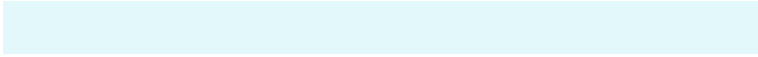
89.1586, 90.2057, 104.6819



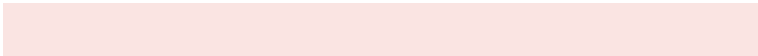
85.9629, 90.2057, 87.1273

Complementary

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



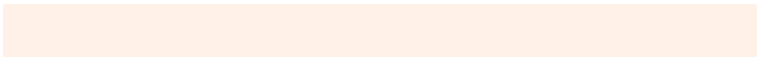
82.1868, 90.2057, 103.5222



80.8957, 81.3014, 83.3822

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.



87.9658, 90.2057, 88.8630



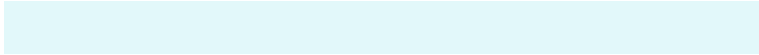
82.1868, 90.2057, 103.5222



89.8297, 90.2057, 98.8641

Square

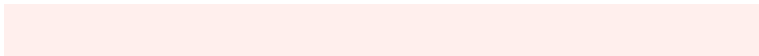
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1868, 90.2057, 103.5222



87.5702, 90.2057, 108.8974



89.3897, 90.2057, 93.0994



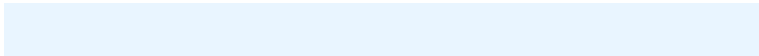
83.9312, 90.2057, 88.2619

Rectangle

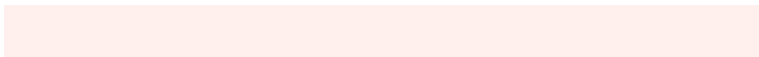
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



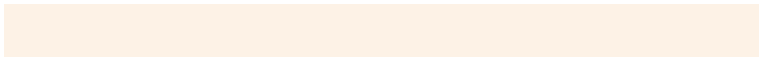
82.1868, 90.2057, 103.5222



84.8201, 90.2057, 109.9038



89.3897, 90.2057, 93.0994



86.6621, 90.2057, 87.3926

Sweetspot

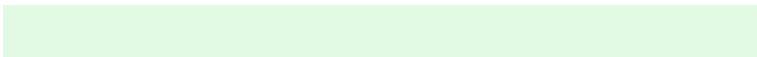
The Sweet Spot groups the original color and five complimentary colors.



82.1894, 90.2095, 103.5242



92.0887, 98.1725, 108.7033



79.4993, 90.1208, 86.3146



19.5454, 20.9105, 23.2559



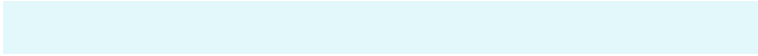
0.0000, 0.0000, 0.0000



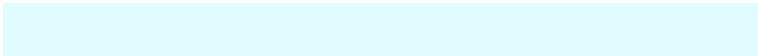
20.3446, 21.4041, 23.3091

Same Dimension

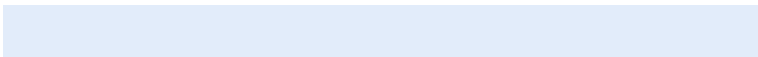
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1894, 90.2095, 103.5242



83.8680, 93.0380, 108.1456



78.7317, 83.2940, 102.3716



17.6351, 19.3470, 22.1902



24.0971, 33.5498, 53.1793



2.2672, 3.1780, 4.9371

Inverse Universe

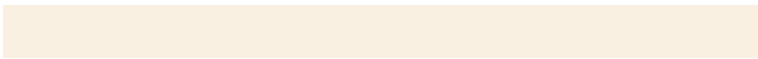
The Inverse Universe completely reimagines the original color for something new.



83.5660, 81.4959, 100.1372



85.6461, 81.8437, 103.7571



84.1958, 87.9015, 84.4822



17.9271, 17.4982, 21.4718



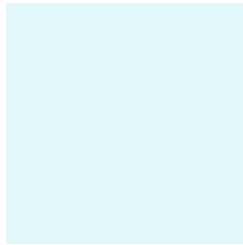
28.4551, 13.7978, 40.7006



2.6533, 1.2851, 3.8636

Previews

White Background



This preview shows how the XYZ color 82.1868, 90.2057, 103.5222 looks on a white background.

Color Contrast Check

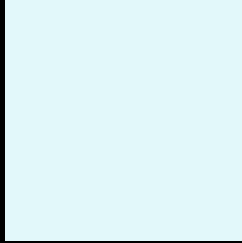
Large Text (above 18pt) WCAG AA × Fail

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 82.1868, 90.2057, 103.5222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

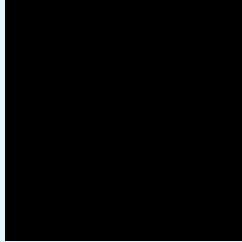
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.1868, 90.2057, 103.5222

Background



This preview shows how black text looks on a background with the XYZ color 82.1868, 90.2057, 103.5222.



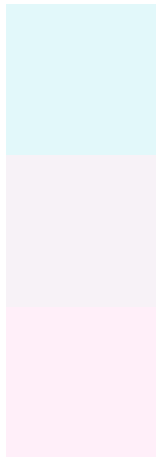
This preview shows how white text looks on a background with the XYZ color 82.1868, 90.2057,

103.5222.

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

82.1868, 90.2057, 103.5222

Protanopia

86.8984, 89.9938, 100.7862

Deuteranopia

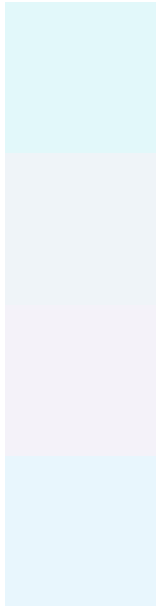
89.2054, 89.8326, 102.2603



Tritanopia

85.2945, 90.3577, 107.5530

Trichromacy



Original Color

82.1868, 90.2057, 103.5222

Protanomaly

84.8906, 89.8294, 101.6715

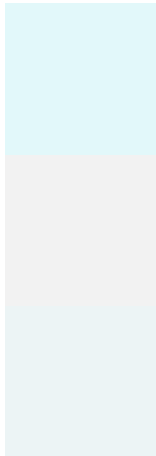
Deuteranomaly

86.1592, 89.5769, 102.3715

Tritanomaly

83.9641, 90.1592, 105.9056

Monochromacy



Original Color

82.1868, 90.2057, 103.5222

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.4242, 89.1268, 99.1925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1868, 90.2057, 103.5222 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(226, 248, 250)` looks like.

```
.text, #text, p{  
    color:rgb(226, 248, 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(226, 248, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 248, 250) }
```

Border

The CSS property to change the border of an element to XYZ 82.1868, 90.2057, 103.5222 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(226, 248, 250) }
```


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

```
.border{ border-color:rgb(226, 248, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 248, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 248, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 248, 250);  
box-shadow:4px 4px 4px 4px rgb(226, 248,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1868, 90.2057, 103.5222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 248, 250) }
```

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

```
.background{ background-color: rgb(226,  
248, 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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