

Converting Colors

XYZ(82.7726, 89.8842,
104.3580)

Have a look what the booklet for
XYZ(82.7726, 89.8842, 104.3580)
contains.

XYZ(82.9864, 90.1446, 104.2926)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.9864, 90.1446,
104.2926)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F7FB
RGB	229, 247, 251
RGB Percent	90%, 97%, 98%
CMY	0.1020, 0.0314, 0.0157
CMYK	0.09, 0.02, 0.00, 0.02
HSL	191°, 73%, 94%
HSV	191°, 9%, 98%
XYZ	82.9864, 90.1446, 104.2926
YIQ	242.0740, -12.0120, -2.5720

Conversions

Conversions Part 2

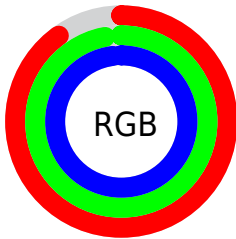
Format	Color
R_{YB}	229, 239, 251
Decimal	15071227
CIE _{Lab}	96.06, -5.12, -3.95
CIE _{LCh}	96, 6.461, 217.660
Y _{xy}	90.1446, 0.2991, 0.3249
Android (android.graphics.Color)	4293261307 (0xFFE5F7FB)
Y _{UV}	242.0740, 4.4005, -11.4659
Hunter-Lab	94.9445, -10.1347, 1.3336

Details

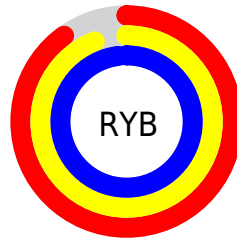
The XYZ color **82.9864, 90.1446, 104.2926** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.0657, 84.4434, 86.0512**, and the grayscale version is **84.4319, 88.8290, 96.7347**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7147, 50.0860, 58.8879** is the 20% darker color. If you saturate the color by 10%, you get **74.1729, 83.5589, 103.4874**, and if you desaturate by 10%, it is **92.9971, 97.4030, 105.1674**.

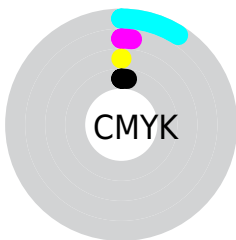
Distribution



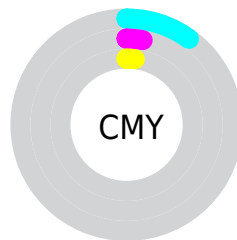
- Red (90%)
- Green (97%)
- Blue (98%)



- Red (90%)
- Yellow (94%)
- Blue (98%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (10%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9864, 90.1446, 104.2926 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 82.9864, 90.1446, 104.2926 by changing the saturation by 10% instead.

82.9864, 90.1446,
104.2926

82.9864, 90.1446,
104.2926

493.5258,
528.5011, 595.2330

62.4958, 68.1006,
79.2535

136.4850,
147.5392, 169.1469

45.6906, 49.9796,
58.5817

170.2238,
183.6586, 209.7992

32.2053, 35.3972,
41.8587

209.1093,
225.2386, 256.4930

21.6747, 23.9690,
28.6659

253.5069,
272.6636, 309.6468

13.7333, 15.3106,
18.5848

303.7821,
326.3179, 369.6792

8.0159, 9.0377,
11.1969

360.3000,

4.1570, 4.7658,

386.5860, 437.0086

6.0836

423.4261,
453.8523, 512.0537

■ 1.7913, 2.1105,
2.8264

■ 0.5124, 0.6705,
1.0067

■ 82.9864, 90.1446,
104.2926

■ 82.9864, 90.1446,
104.2926

■ 74.1729, 83.5589,
103.4874

■ 92.9971, 97.4030,
105.1674

■ 66.4991, 77.6085,
102.7433

■ 94.4129, 99.7451,
105.5449

■ 59.9143, 72.2695,
102.0598

■ 54.3609, 67.5117,
101.4341

■ 49.7759, 63.3023,
100.8633

■ 46.0891, 59.6047,
100.3439

■ 43.2205, 56.3773,
99.8722

■ 41.0753, 53.5709,
99.4435

■ 39.5163, 51.1144,
99.0515

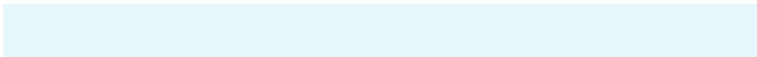
Harmonies

Analogous

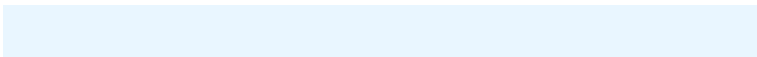
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3169, 90.1446, 99.4707



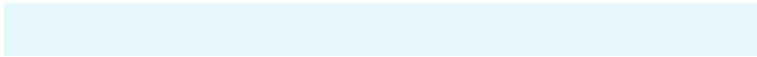
82.9864, 90.1446, 104.2926



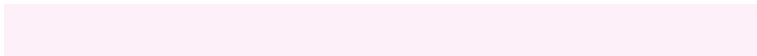
84.3794, 90.1446, 107.5453

Triad

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



82.9864, 90.1446, 104.2926



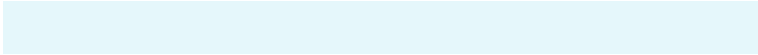
88.8997, 90.1446, 101.9429



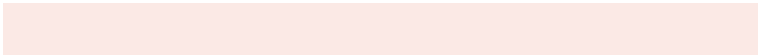
85.2222, 90.1446, 88.7124

Complementary

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



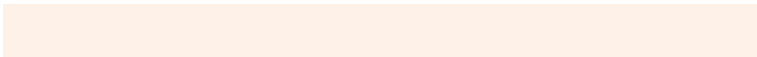
82.9864, 90.1446, 104.2926



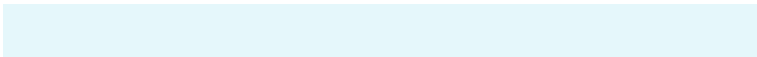
83.0657, 84.4434, 86.0512

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.



86.9933, 90.1446, 89.3225



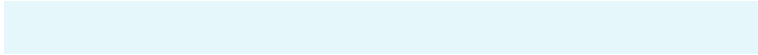
82.9864, 90.1446, 104.2926



89.1329, 90.1446, 96.8453

Square

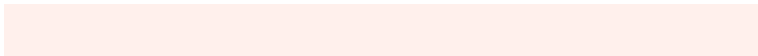
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9864, 90.1446, 104.2926



87.7978, 90.1446, 106.1561



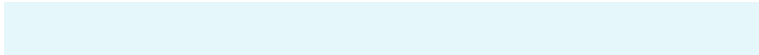
88.4307, 90.1446, 92.2576



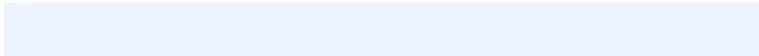
83.5960, 90.1446, 90.5609

Rectangle

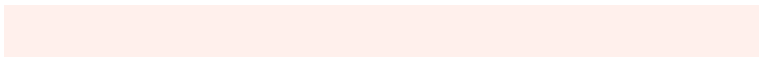
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9864, 90.1446, 104.2926



85.5395, 90.1446, 108.3240



88.4307, 90.1446, 92.2576



85.8202, 90.1446, 88.6379

Sweetspot

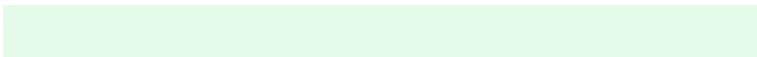
The Sweet Spot groups the original color and five complimentary colors.



82.9890, 90.1484, 104.2946



91.8496, 97.6945, 108.6237



81.4720, 91.5180, 90.2134



19.4807, 20.7810, 23.2344



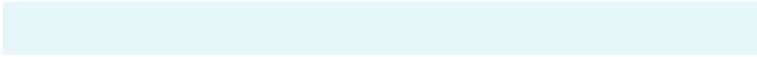
0.0000, 0.0000, 0.0000



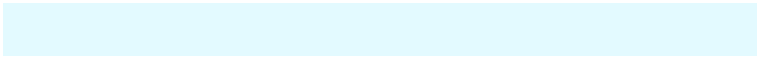
20.3446, 21.4041, 23.3091

Same Dimension

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



82.9890, 90.1484, 104.2946



83.8689, 91.8549, 107.9171



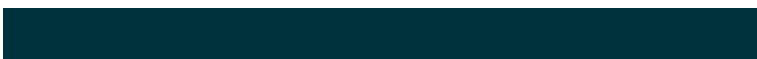
79.8186, 83.8075, 103.2378



17.4820, 19.0408, 22.1391



20.7785, 26.9125, 52.0730



1.9919, 2.6274, 4.8453

Inverse Universe

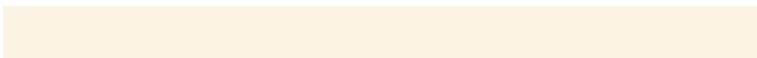
The Inverse Universe completely reimagines the original color for something new.



84.5934, 83.2649, 99.6134



85.9358, 83.0670, 101.8686



86.1784, 90.6688, 87.0888



17.8498, 17.4673, 21.0649



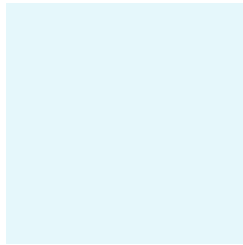
26.7800, 13.1277, 31.8798



2.5143, 1.2295, 3.1319

Previews

White Background



This preview shows how the XYZ color 82.9864, 90.1446, 104.2926 looks on a white background.

Color Contrast Check

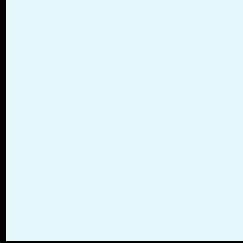
Large Text (above 18pt) WCAG AA × Fail

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 82.9864, 90.1446, 104.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

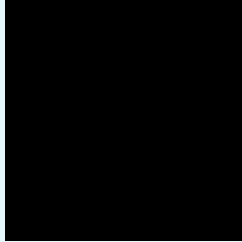
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9864, 90.1446, 104.2926

Background



This preview shows how black text looks on a background with the XYZ color 82.9864, 90.1446, 104.2926.

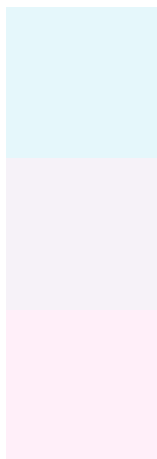


This preview shows how white text looks on a background with the XYZ color 82.9864, 90.1446,

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

82.9864, 90.1446, 104.2926

Protanopia

86.7014, 89.8744, 101.5848

Deuteranopia

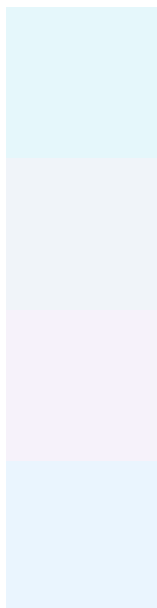
89.2054, 89.8326, 102.2603



Tritanopia

85.3257, 89.9259, 107.4680

Trichromacy



Original Color

82.9864, 90.1446, 104.2926

Protanomaly

85.3847, 90.0662, 102.5068

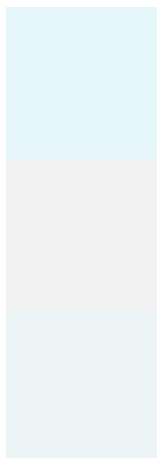
Deuteranomaly

87.0135, 89.9992, 103.2280

Tritanomaly

84.4735, 89.9530, 106.6764

Monochromacy



Original Color

82.9864, 90.1446, 104.2926

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.7572, 89.2985, 99.2081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9864, 90.1446, 104.2926 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, 247, 251)` looks like.

```
.text, #text, p{  
    color:rgb(229, 247, 251)  
}
```

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, 247, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 247, 251) }
```

Border

The CSS property to change the border of an element to XYZ 82.9864, 90.1446, 104.2926 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, 247, 251) }
```


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

```
.border{ border-color:rgb(229, 247, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 247, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 247, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 247, 251);  
box-shadow:4px 4px 4px 4px rgb(229, 247,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9864, 90.1446, 104.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 247, 251) }
```

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

```
.background{ background-color: rgb(229,  
247, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor