

Converting Colors

XYZ(82.4873, 91.1372,
102.4216)

Have a look what the booklet for
XYZ(82.4873, 91.1372, 102.4216)
contains.

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Color

**XYZ(82.4929, 91.3173,
102.0851)**

Conversions

Conversions Part 1

Format	Color
Hex	E2FAF8
RGB	226, 250, 248
RGB Percent	89%, 98%, 97%
CMY	0.1137, 0.0196, 0.0274
CMYK	0.10, 0.00, 0.01, 0.02
HSL	175°, 71%, 93%
HSV	175°, 10%, 98%
XYZ	82.4929, 91.3173, 102.0851
YIQ	242.5960, -13.6620, -5.7100

Conversions

Conversions Part 2

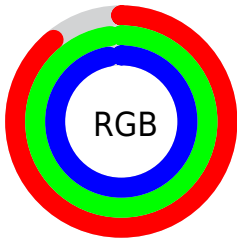
Format	Color
R _Y B	226, 239, 250
Decimal	14875384
CIE Lab	96.54, -8.15, -1.71
CIE LCh	97, 8.328, 191.868
Yxy	91.3173, 0.2990, 0.3310
Android (android.graphics.Color)	4293065464 (0xFFE2FAF8)
YUV	242.5960, 2.6642, -14.5547
Hunter-Lab	95.5601, -13.1388, 3.5536

Details

The XYZ color **82.4929, 91.3173, 102.0851** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.6276, 80.3205, 84.6568**, and the grayscale version is **84.8599, 89.2792, 97.2251**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6008, 51.0473, 57.3189** is the 20% darker color. If you saturate the color by 10%, you get **74.8966, 87.4409, 100.0505**, and if you desaturate by 10%, it is **91.2411, 95.7920, 104.1963**.

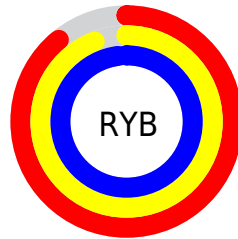
Distribution



Red (89%)

Green (98%)

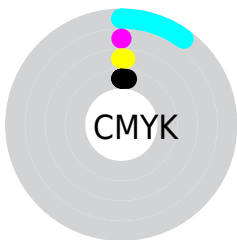
Blue (97%)



Red (89%)

Yellow (94%)

Blue (98%)

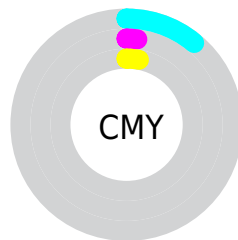


Cyan (10%)

Magenta (0%)

Yellow (1%)

Black (2%)



Cyan (11%)

Magenta (2%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.4929, 91.3173, 102.0851 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 82.4929, 91.3173, 102.0851 by changing the saturation by 10% instead.

82.4929, 91.3173,
102.0851

82.4929, 91.3173,
102.0851

491.9045,
532.3067, 588.1609

62.0874, 69.0737,
77.4165

135.7972,
149.1668, 166.0965

45.3592, 50.7718,
57.0812

169.4268,
185.5416, 206.2763

31.9429, 36.0270,
40.6606

208.1950,
227.3955, 252.4635

21.4732, 24.4550,
27.7363

252.4673,
275.1130, 305.0768

13.5848, 15.6715,
17.8897

302.6091,
329.0785, 364.5347

7.9122, 9.2920,
10.7022

358.9856,

4.0902, 4.9321,

389.6764, 431.2556

5.7553

421.9623,
457.2910, 505.6581

■ 1.7533, 2.2075,
2.6305

■ 0.4893, 0.7241,
0.9081

■ 82.4929, 91.3173,
102.0851

■ 82.4929, 91.3173,
102.0851

■ 74.8966, 87.4409,
100.0505

■ 91.2411, 95.7920,
104.1963

■ 68.3950, 84.1261,
98.0840

■ 93.0259, 96.6741,
105.9986

■ 62.9380, 81.3492,
96.1851

■ 93.3588, 96.8073,
107.7519

■ 58.4682, 79.0810,
94.3511

■ 93.4773, 96.8547,
108.3758

■ 54.9231, 77.2889,
92.5790

■ 52.2325, 75.9370,
90.8654

■ 50.3166, 74.9841,
89.2066

■ 49.0803, 74.3810,
87.5980

■ 48.3732, 74.0505,
86.0325

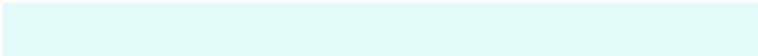
Harmonies

Analogous

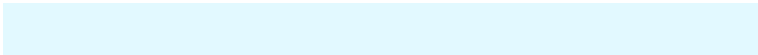
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.6152, 91.3173, 95.4979



82.4929, 91.3173, 102.0851



83.5079, 91.3173, 108.2203

Triad

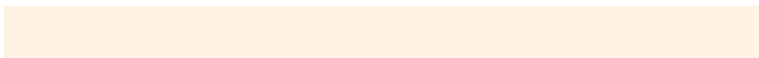
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4929, 91.3173, 102.0851



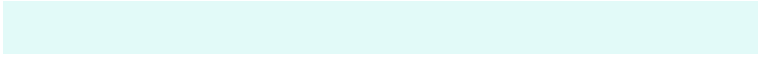
89.8121, 91.3173, 109.2704



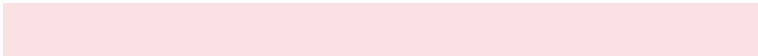
88.1929, 91.3173, 87.7522

Complementary

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



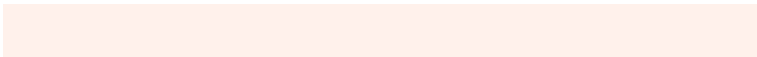
82.4929, 91.3173, 102.0851



80.6276, 80.3205, 84.6568

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.



90.1659, 91.3173, 91.1272



82.4929, 91.3173, 102.0851



91.1121, 91.3173, 103.4666

Square

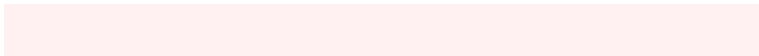
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



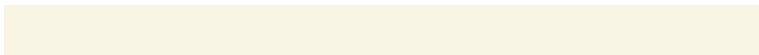
82.4929, 91.3173, 102.0851



87.7169, 91.3173, 112.4909



91.2428, 91.3173, 96.8194



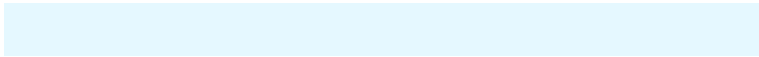
85.8783, 91.3173, 87.4195

Rectangle

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



82.4929, 91.3173, 102.0851



84.7037, 91.3173, 111.1513



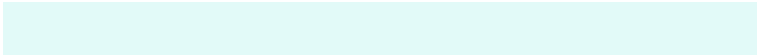
91.2428, 91.3173, 96.8194



88.9191, 91.3173, 88.5613

Sweetspot

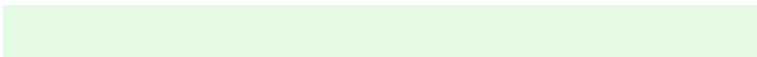
The Sweet Spot groups the original color and five complimentary colors.



82.4955, 91.3211, 102.0871



92.1887, 98.5368, 108.2303



80.0377, 90.4256, 85.1883



19.5725, 21.0093, 23.1277



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

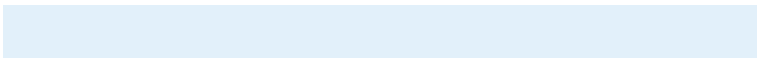
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4955, 91.3211, 102.0871



84.2660, 94.4878, 106.2628



79.9000, 85.6299, 102.7641



17.6996, 19.5821, 21.8848



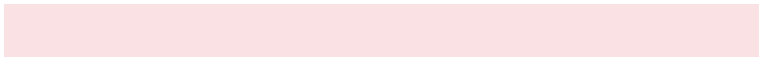
25.6709, 39.2814, 45.7376



2.3955, 3.6453, 4.3304

Inverse Universe

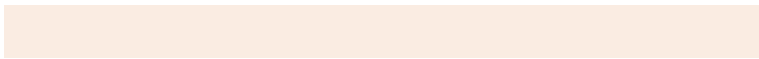
The Inverse Universe completely reimagines the original color for something new.



80.6276, 80.3205, 84.6568



81.8621, 80.3301, 83.8308



83.0354, 85.5789, 84.0948



17.3034, 17.2487, 18.1876



21.0036, 10.8172, 1.4615



1.9648, 1.0097, 0.2380

Previews

White Background



This preview shows how the XYZ color 82.4929, 91.3173, 102.0851 looks on a white background.

Color Contrast Check

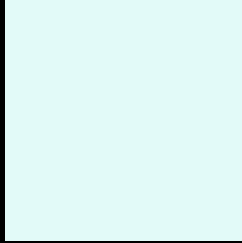
Large Text (above 18pt) WCAG AA × Fail

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 82.4929, 91.3173, 102.0851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

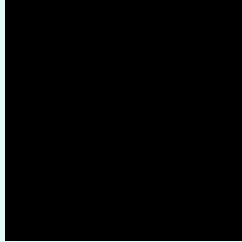
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

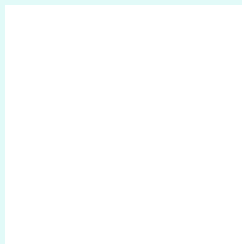
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.4929, 91.3173, 102.0851

Background



This preview shows how black text looks on a background with the XYZ color 82.4929, 91.3173, 102.0851.

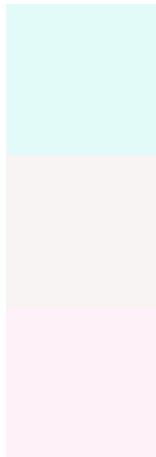


This preview shows how white text looks on a background with the XYZ color 82.4929, 91.3173,

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

82.4929, 91.3173, 102.0851

Protanopia

87.7467, 91.3728, 98.5999

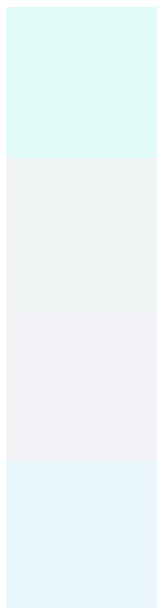
Deuteranopia

89.6386, 90.9479, 101.6372

Tritanopia

86.2657, 91.3087, 107.6854

Trichromacy



Original Color

82.4929, 91.3173, 102.0851

Protanomaly

85.7128, 91.2049, 99.4730

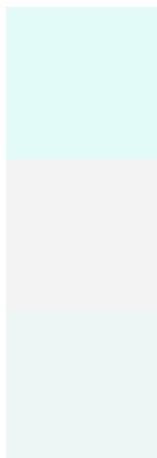
Deuteranomaly

86.6022, 90.7118, 101.7516

Tritanomaly

84.7631, 91.0422, 105.2009

Monochromacy



Original Color

82.4929, 91.3173, 102.0851

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.3622, 90.5086, 99.4097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4929, 91.3173, 102.0851 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, 250, 248)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 82.4929, 91.3173, 102.0851 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, 250, 248) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 82.4929, 91.3173, 102.0851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(226,  
250, 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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