

Converting Colors

XYZ(81.1248, 93.1672, 92.6184)

Have a look what the booklet for
XYZ(81.1248, 93.1672, 92.6184)
contains.

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Color

**XYZ(81.1868, 93.2061,
92.3088)**

Conversions

Conversions Part 1

Format	Color
Hex	DFFFEB
RGB	223, 255, 235
RGB Percent	87%, 100%, 92%
CMY	0.1255, 0.0000, 0.0784
CMYK	0.13, 0.00, 0.08, 0.00
HSL	143°, 100%, 94%
HSV	143°, 13%, 100%
XYZ	81.1868, 93.2061, 92.3088
YIQ	243.1520, -12.6520, -13.0040

Conversions

Conversions Part 2

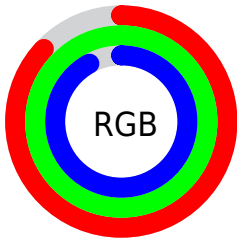
Format	Color
R _Y B	223, 246, 255
Decimal	14680043
CIE Lab	97.31, -14.00, 6.08
CIE LCh	97, 15.263, 156.544
Yxy	93.2061, 0.3044, 0.3495
Android (android.graphics.Color)	4292870123 (0xFFDFFFEB)
YUV	243.1520, -4.0189, -17.6733
Hunter-Lab	96.5433, -18.8436, 10.8908

Details

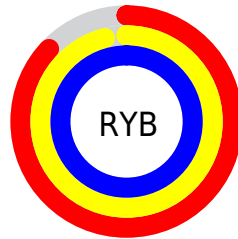
The XYZ color **81.1868, 93.2061, 92.3088** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.8058, 80.5074, 95.9164**, and the grayscale version is **85.3502, 89.7950, 97.7868**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4792, 51.9677, 50.3343** is the 20% darker color. If you saturate the color by 10%, you get **71.7123, 88.5761, 80.3799**, and if you desaturate by 10%, it is **92.0525, 98.5295, 105.3826**.

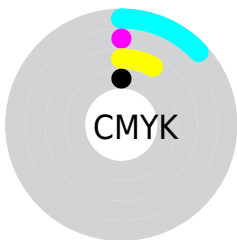
Distribution



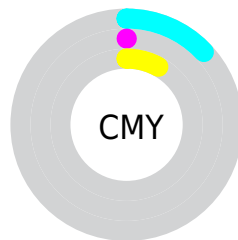
- Red (87%)
- Green (100%)
- Blue (92%)



- Red (87%)
- Yellow (96%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1868, 93.2061, 92.3088 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 81.1868, 93.2061, 92.3088 by changing the saturation by 10% instead.

81.1868, 93.2061,
92.3088

81.1868, 93.2061,
92.3088

487.5993,
538.4059, 556.2757

61.0073, 70.6428,
69.3127

133.9748,
151.7839, 152.5047

44.4836, 52.0508,
50.4931

167.3140,
188.5672, 190.5416

31.2504, 37.0455,
35.4314

205.7705,
230.8594, 234.4291

20.9424, 25.2428,
23.7092

249.7096,
279.0447, 284.5859

13.1941, 16.2580,
14.9078

299.4967,
333.5076, 341.4304

7.6403, 9.7069,
8.6088

355.4971,

3.9155, 5.2051,

394.6325, 405.3812

4.3936

418.0762,
462.8038, 476.8568

■ 1.6544, 2.3681,
1.8437

■ 0.4275, 0.8094,
0.4565

■ 81.1868, 93.2061,
92.3088

■ 81.1868, 93.2061,
92.3088

■ 71.7123, 88.5761,
80.3799

■ 92.0525, 98.5295,
105.3826

■ 63.5684, 84.6088,
69.5606

95.0500, 100.0000,
108.9000

■ 56.6936, 81.2731,
59.8203

■ 51.0204, 78.5351,
51.1250

■ 46.4747, 76.3571,
43.4392

■ 42.9740, 74.6974,
36.7251

■ 40.4234, 73.5078,
30.9427

■ 38.7092, 72.7307,
26.0483

■ 37.8544, 72.3577,
22.9488

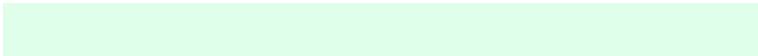
Harmonies

Analogous

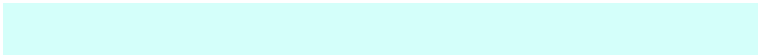
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7357, 93.2061, 83.5500



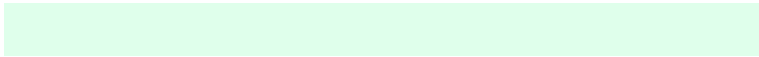
81.1868, 93.2061, 92.3088



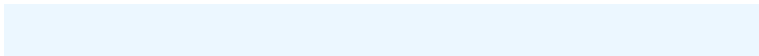
80.5918, 93.2061, 104.2204

Triad

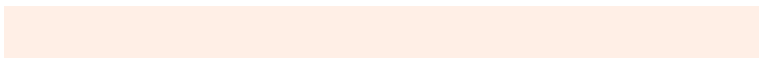
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.1868, 93.2061, 92.3088



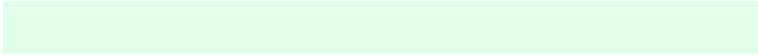
89.5395, 93.2061, 126.9986



95.4312, 93.2061, 87.9711

Complementary

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



81.1868, 93.2061, 92.3088



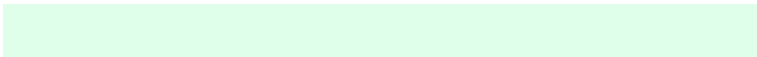
83.8058, 80.5074, 95.9164

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.



97.0998, 93.2061, 98.7990



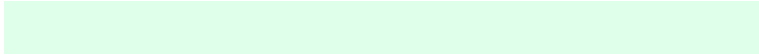
81.1868, 93.2061, 92.3088



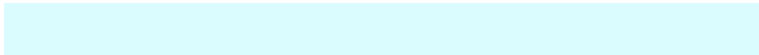
93.6276, 93.2061, 121.8202

Square

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



81.1868, 93.2061, 92.3088



85.3245, 93.2061, 124.9075



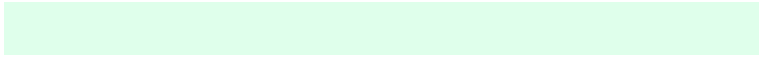
96.4293, 93.2061, 111.2513



91.9369, 93.2061, 81.1915

Rectangle

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



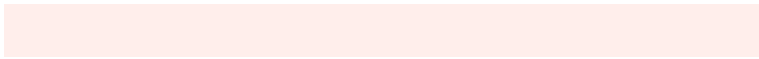
81.1868, 93.2061, 92.3088



81.3653, 93.2061, 112.4906



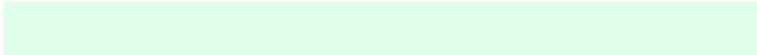
96.4293, 93.2061, 111.2513



96.2293, 93.2061, 91.2228

Sweetspot

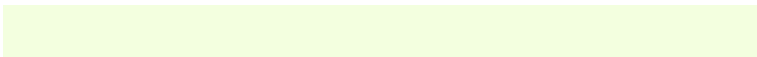
The Sweet Spot groups the original color and five complimentary colors.



81.1876, 93.2065, 92.3103



90.3869, 97.7127, 103.4129



86.1340, 95.9501, 83.7938



19.1643, 20.8252, 21.9182



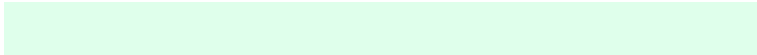
0.0000, 0.0000, 0.0000



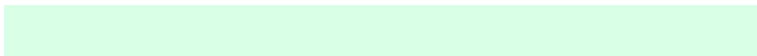
20.3446, 21.4041, 23.3091

Same Dimension

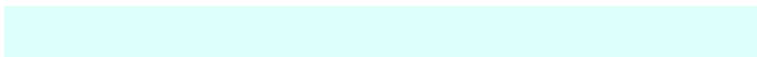
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1876, 93.2065, 92.3103



78.7382, 92.0083, 89.2808



83.5626, 94.1565, 104.8165



18.0533, 20.2809, 20.5837



19.8461, 37.8350, 12.3405



1.9832, 3.7042, 1.4696

Inverse Universe

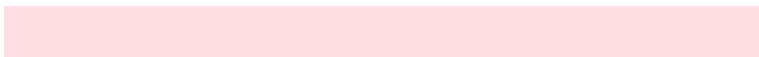
The Inverse Universe completely reimagines the original color for something new.



83.8058, 80.5074, 95.9164



81.8142, 77.0872, 93.5167



81.5303, 79.5972, 83.9340



18.4869, 18.1781, 21.1810



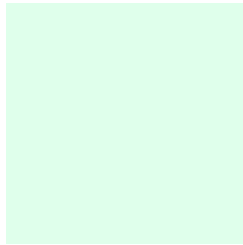
24.9103, 12.4534, 18.7099



2.4785, 1.2338, 2.1010

Previews

White Background



This preview shows how the XYZ color 81.1868, 93.2061, 92.3088 looks on a white background.

Color Contrast Check

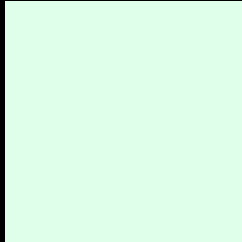
Large Text (above 18pt) WCAG AA × Fail

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 81.1868, 93.2061, 92.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

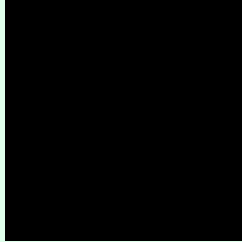
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

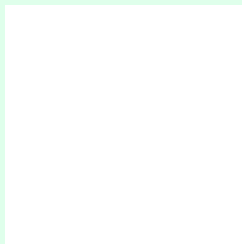
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.1868, 93.2061, 92.3088

Background



This preview shows how black text looks on a background with the XYZ color 81.1868, 93.2061, 92.3088.



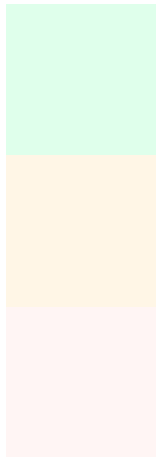
This preview shows how white text looks on a background with the XYZ color 81.1868, 93.2061,

92.3088.

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

81.1868, 93.2061, 92.3088

Protanopia

88.4787, 92.8847, 88.1281

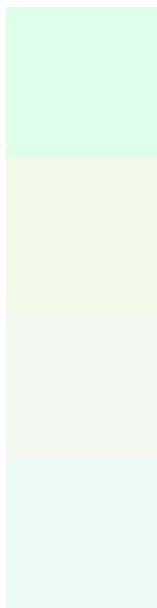
Deuteranopia

90.2215, 93.0965, 98.8022

Tritanopia

87.8930, 93.0556, 107.9368

Trichromacy



Original Color

81.1868, 93.2061, 92.3088

Protanomaly

85.4033, 92.6322, 89.7225

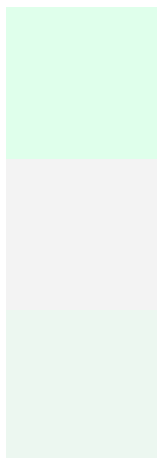
Deuteranomaly

86.7150, 93.1569, 96.6298

Tritanomaly

85.3721, 93.2641, 102.3091

Monochromacy



Original Color

81.1868, 93.2061, 92.3088

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

83.5810, 90.6457, 95.5292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1868, 93.2061, 92.3088 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(223, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 235)  
}
```

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(223, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 235) }
```

Border

The CSS property to change the border of an element to XYZ 81.1868, 93.2061, 92.3088 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(223, 255, 235) }
```


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

```
.border{ border-color:rgb(223, 255, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1868, 93.2061, 92.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 235) }
```

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

```
.background{ background-color: rgb(223,  
255, 235) }
```

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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