

Converting Colors

XYZ(85.4294, 100.0000,
106.4220)

Have a look what the booklet for
XYZ(85.4294, 100.0000, 106.4220)
contains.

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Color

**XYZ(82.0860, 93.3905,
104.9666)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFFFB
RGB	218, 255, 251
RGB Percent	85%, 100%, 98%
CMY	0.1451, 0.0000, 0.0157
CMYK	0.15, 0.00, 0.02, 0.00
HSL	174°, 100%, 93%
HSV	174°, 15%, 100%
XYZ	82.0860, 93.3905, 104.9666
YIQ	243.4810, -20.7680, -9.0880

Conversions

Conversions Part 2

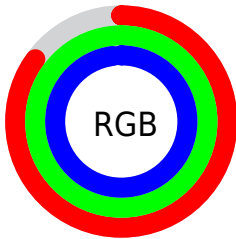
Format	Color
R _Y B	218, 238, 255
Decimal	14352379
CIE Lab	97.39, -12.58, -2.08
CIE LCh	97, 12.750, 189.389
Yxy	93.3905, 0.2927, 0.3330
Android (android.graphics.Color)	4292542459 (0xFFDAFFFB)
YUV	243.4810, 3.7069, -22.3468
Hunter-Lab	96.6388, -17.4980, 3.2478

Details

The XYZ color **82.0860, 93.3905, 104.9666** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.4968, 76.6778, 79.7178**, and the grayscale version is **85.5574, 90.0131, 98.0242**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1487, 52.1148, 59.3093** is the 20% darker color. If you saturate the color by 10%, you get **74.6071, 89.5847, 102.3667**, and if you desaturate by 10%, it is **90.7462, 97.8044, 107.6577**.

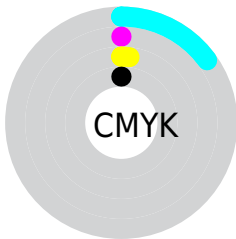
Distribution



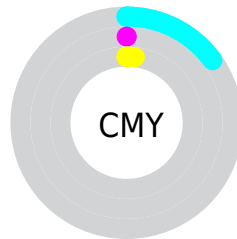
- Red (85%)
- Green (100%)
- Blue (98%)



- Red (85%)
- Yellow (93%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0860, 93.3905, 104.9666 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 82.0860, 93.3905, 104.9666 by changing the saturation by 10% instead.

82.0860, 93.3905,
104.9666

82.0860, 93.3905,
104.9666

490.5655,
538.9994, 597.3835

61.7508, 70.7961,
79.8149

135.2298,
152.0391, 170.0770

45.0862, 52.1758,
59.0408

168.7691,
188.8622, 210.8728

31.7269, 37.1452,
42.2257

207.4404,
231.1969, 257.7204

21.3075, 25.3200,
28.9512

251.6092,
279.4277, 311.0382

13.4627, 16.3156,
18.7986

301.6407,
333.9389, 371.2449

7.8271, 9.7478,
11.3495

357.9003,

4.0354, 5.2320,

395.1150, 438.7590

6.1853

420.7535,
463.3404, 513.9990

■ 1.7222, 2.3840,
2.8875

■ 0.4701, 0.8177,
1.0375

■ 82.0860, 93.3905,
104.9666

■ 82.0860, 93.3905,
104.9666

■ 74.6071, 89.5847,
102.3667

■ 90.7462, 97.8044,
107.6577

■ 68.2532, 86.3583,
99.8508

95.0500, 100.0000,
108.9000

■ 62.9677, 83.6819,
97.4177

■ 58.6878, 81.5232,
95.0643

■ 55.3442, 79.8464,
92.7871

■ 52.8587, 78.6113,
90.5824

■ 51.1405, 77.7711,
88.4458

■ 50.0779, 77.2681,
86.3719

■ 49.6864, 77.0906,
85.2556

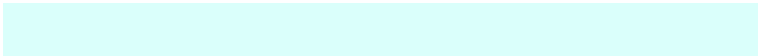
Harmonies

Analogous

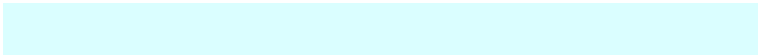
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4202, 93.3905, 94.8424



82.0860, 93.3905, 104.9666



83.5035, 93.3905, 114.8411

Triad

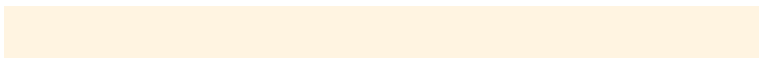
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0860, 93.3905, 104.9666



93.2466, 93.3905, 117.8505



91.2328, 93.3905, 84.1783

Complementary

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



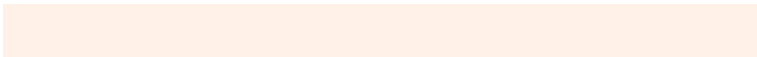
82.0860, 93.3905, 104.9666



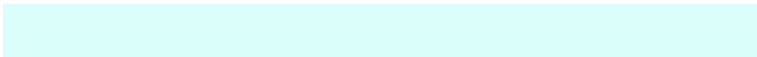
79.4968, 76.6778, 79.7178

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.



94.2427, 93.3905, 89.5766



82.0860, 93.3905, 104.9666



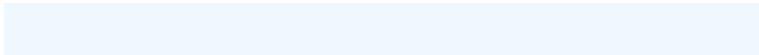
95.4271, 93.3905, 108.8520

Square

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



82.0860, 93.3905, 104.9666



89.9030, 93.3905, 122.6051



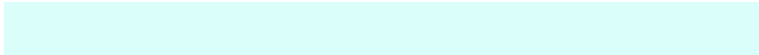
95.7965, 93.3905, 98.4752



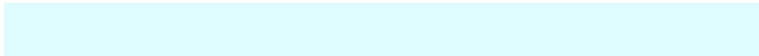
87.6364, 93.3905, 83.2936

Rectangle

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



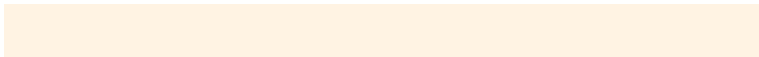
82.0860, 93.3905, 104.9666



85.2743, 93.3905, 119.7881



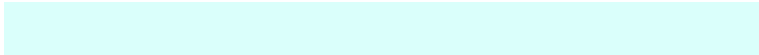
95.7965, 93.3905, 98.4752



92.3494, 93.3905, 85.5068

Sweetspot

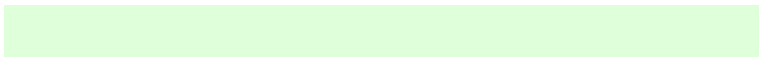
The Sweet Spot groups the original color and five complimentary colors.



82.0869, 93.3909, 104.9681



91.2195, 98.0457, 107.7970



78.6370, 92.1620, 79.9755



19.3753, 20.9096, 23.0290



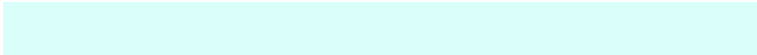
0.0000, 0.0000, 0.0000



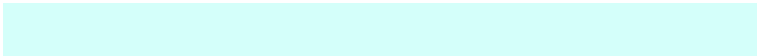
20.3446, 21.4041, 23.3091

Same Dimension

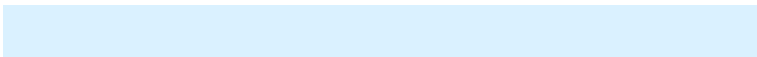
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0869, 93.3909, 104.9681



80.1154, 92.3870, 104.3119



78.3653, 84.9283, 106.8703



18.4653, 20.4456, 22.7532



25.9963, 40.2951, 44.7274



2.5544, 3.9327, 4.4772

Inverse Universe

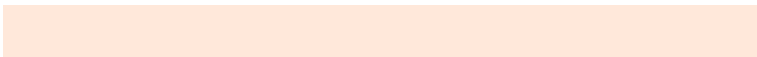
The Inverse Universe completely reimagines the original color for something new.



79.4968, 76.6778, 79.7178



77.1341, 73.1474, 75.2462



82.8038, 84.1393, 78.2073



18.0891, 18.0190, 19.0866



21.6811, 11.1617, 1.7051



2.1359, 1.0967, 0.2969

Previews

White Background



This preview shows how the XYZ color 82.0860, 93.3905, 104.9666 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 82.0860, 93.3905, 104.9666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

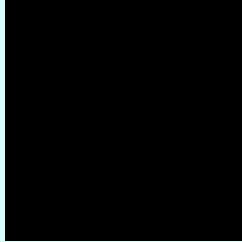
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

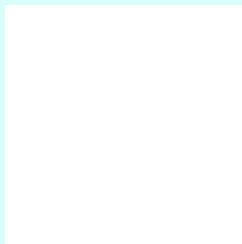
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.0860, 93.3905, 104.9666

Background



This preview shows how black text looks on a background with the XYZ color 82.0860, 93.3905, 104.9666.



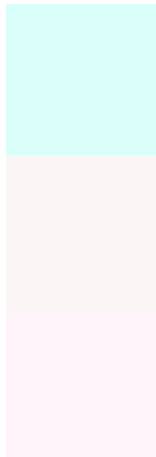
This preview shows how white text looks on a background with the XYZ color 82.0860, 93.3905,

104.9666.

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

82.0860, 93.3905, 104.9666

Protanopia

89.3740, 93.0746, 100.4435

Deuteranopia

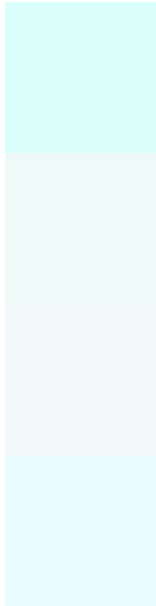
90.8460, 92.8635, 103.5788



Tritanopia

87.8609, 93.4966, 108.0236

Trichromacy



Original Color

82.0860, 93.3905, 104.9666

Protanomaly

86.4156, 92.8794, 102.1799

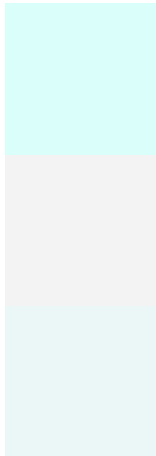
Deuteranomaly

87.4407, 92.9142, 103.7681

Tritanomaly

85.6653, 93.3059, 107.2607

Monochromacy



Original Color

82.0860, 93.3905, 104.9666

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

83.8270, 90.6678, 100.2713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0860, 93.3905, 104.9666 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(218, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 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(218, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 82.0860, 93.3905, 104.9666 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(218, 255, 251) }
```


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

```
.border{ border-color:rgb(218, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0860, 93.3905, 104.9666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 251) }
```

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

```
.background{ background-color: rgb(218,  
255, 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](#).

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