

Converting Colors

XYZ(82.8853, 92.2400,
108.0433)

Have a look what the booklet for
XYZ(82.8853, 92.2400, 108.0433)
contains.

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Color

**XYZ(82.9846, 92.3704,
108.0633)**

Conversions

Conversions Part 1

Format	Color
Hex	DEF0FF
RGB	222, 252, 255
RGB Percent	87%, 99%, 100%
CMY	0.1294, 0.0117, 0.0000
CMYK	0.13, 0.01, 0.00, 0.00
HSL	185°, 100%, 94%
HSV	185°, 13%, 100%
XYZ	82.9846, 92.3704, 108.0633
YIQ	243.3720, -18.8430, -5.4270

Conversions

Conversions Part 2

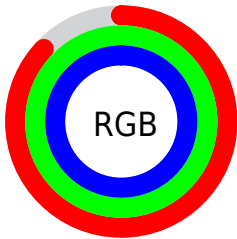
Format	Color
R_{YB}	222, 238, 255
Decimal	14613759
CIE _{Lab}	96.97, -9.06, -4.72
CIE _{LCh}	97, 10.216, 207.506
Yxy	92.3704, 0.2928, 0.3259
Android (android.graphics.Color)	4292803839 (0xFFDEFDFF)
YUV	243.3720, 5.7326, -18.7432
Hunter-Lab	96.1095, -14.0680, 0.6124

Details

The XYZ color **82.9846, 92.3704, 108.0633** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.3495, 80.3828, 80.3367**, and the grayscale version is **85.4562, 89.9066, 97.9083**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6445, 51.3229, 60.9267** is the 20% darker color. If you saturate the color by 10%, you get **75.0355, 87.2027, 107.4847**, and if you desaturate by 10%, it is **92.1285, 98.1722, 108.7012**.

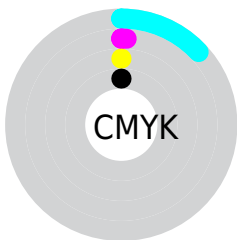
Distribution



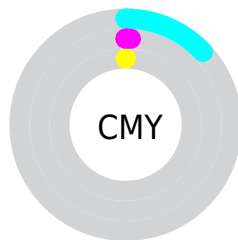
- Red (87%)
- Green (99%)
- Blue (100%)



- Red (87%)
- Yellow (93%)
- Blue (100%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9846, 92.3704, 108.0633 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 82.9846, 92.3704, 108.0633 by changing the saturation by 10% instead.

82.9846, 92.3704,
108.0633

82.9846, 92.3704,
108.0633

493.5199,
535.7119, 607.2126

62.4943, 69.9483,
82.3971

136.4825,
150.6267, 174.3428

45.6893, 51.4844,
61.1552

170.2209,
187.2296, 215.7932

32.2043, 36.5943,
43.9190

209.1060,
229.3283, 263.3421

21.6739, 24.8935,
30.2701

253.5032,
277.3072, 317.4080

13.7328, 15.9977,
19.7899

303.7778,
331.5506, 378.4095

8.0155, 9.5225,
12.0599

360.2952,

4.1567, 5.0836,

392.4429, 446.7650

6.6614

423.4208,
460.3685, 522.8932

■ 1.7912, 2.2964,
3.1761

■ 0.5124, 0.7718,
1.1852

■ 82.9846, 92.3704,
108.0633

■ 82.9846, 92.3704,
108.0633

■ 75.0355, 87.2027,
107.4847

■ 92.1285, 98.1722,
108.7012

■ 68.2212, 82.6305,
106.9614

95.0500, 100.0000,
108.9000

■ 62.4872, 78.6283,
106.4911

■ 57.7714, 75.1640,
106.0710

■ 54.0059, 72.2026,
105.6978

■ 51.1140, 69.7044,
105.3680

■ 49.0071, 67.6238,
105.0775

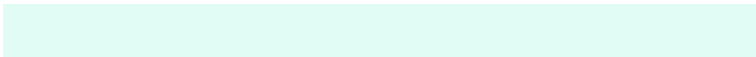
■ 47.5778, 65.9053,
104.8211

■ 46.8667, 64.8534,
104.6556

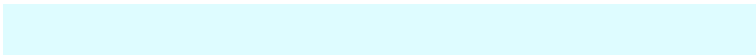
Harmonies

Analogous

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



82.3895, 92.3704, 99.8886



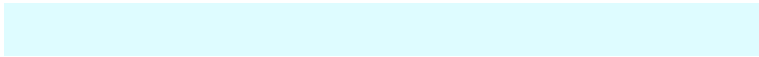
82.9846, 92.3704, 108.0633



84.8600, 92.3704, 114.5233

Triad

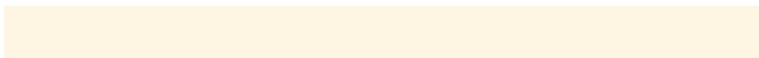
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9846, 92.3704, 108.0633



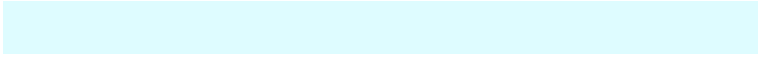
92.5391, 92.3704, 109.3194



88.0360, 92.3704, 85.5787

Complementary

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



82.9846, 92.3704, 108.0633



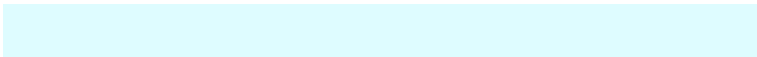
81.3495, 80.3828, 80.3367

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.



90.7975, 92.3704, 87.8091



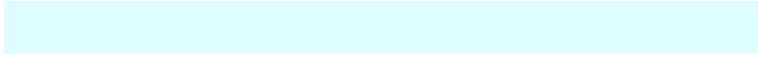
82.9846, 92.3704, 108.0633



93.4326, 92.3704, 101.2659

Square

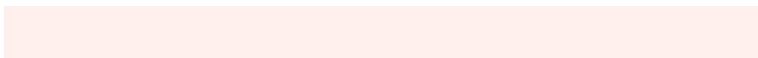
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9846, 92.3704, 108.0633



90.3722, 92.3704, 115.2759



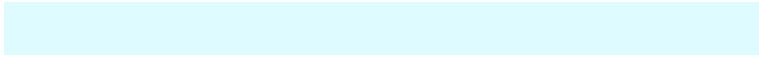
92.7884, 92.3704, 93.4421



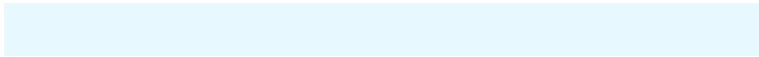
85.2678, 92.3704, 87.1815

Rectangle

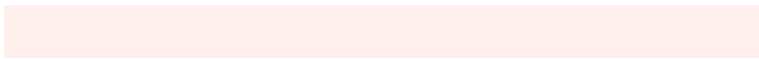
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



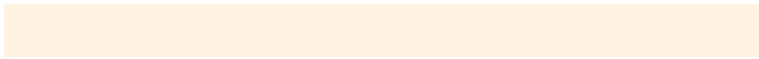
82.9846, 92.3704, 108.0633



86.6052, 92.3704, 116.8317



92.7884, 92.3704, 93.4421



88.9962, 92.3704, 85.9022

Sweetspot

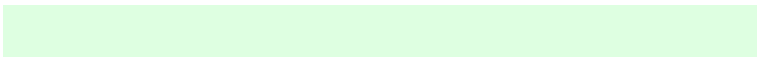
The Sweet Spot groups the original color and five complimentary colors.



82.9870, 92.3741, 108.0639



91.1018, 97.5273, 108.6308



79.4417, 92.4727, 84.7190



19.3454, 20.7778, 23.2409



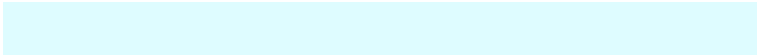
0.0000, 0.0000, 0.0000



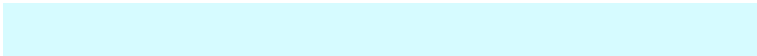
20.3446, 21.4041, 23.3091

Same Dimension

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



82.9870, 92.3741, 108.0639



80.4301, 90.7265, 107.8806



78.0988, 82.5978, 106.4345



18.4056, 20.1828, 23.1755



24.5470, 34.0036, 54.7042



2.4296, 3.3899, 5.3395

Inverse Universe

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



84.9334, 80.5324, 103.1677



82.7967, 76.4382, 101.9029



85.9548, 89.5933, 81.8718



18.7174, 18.2703, 22.3949



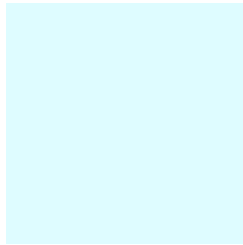
29.1784, 14.1607, 41.1854



2.8609, 1.3868, 4.1151

Previews

White Background



This preview shows how the XYZ color 82.9846, 92.3704, 108.0633 looks on a white background.

Color Contrast Check

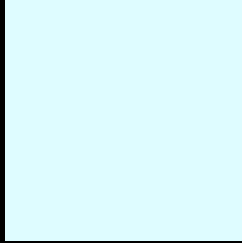
Large Text (above 18pt) WCAG AA × Fail

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 82.9846, 92.3704, 108.0633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

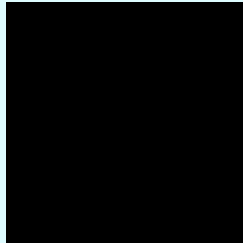
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9846, 92.3704, 108.0633

Background



This preview shows how black text looks on a background with the XYZ color 82.9846, 92.3704, 108.0633.

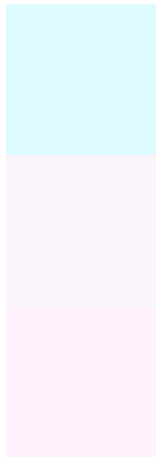


This preview shows how white text looks on a background with the XYZ color 82.9846, 92.3704,

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

82.9846, 92.3704, 108.0633

Protanopia

89.1319, 92.4096, 104.4059

Deuteranopia

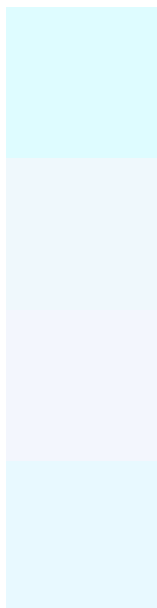
90.5628, 91.7925, 105.0400



Tritanopia

86.5707, 91.9187, 107.7871

Trichromacy



Original Color

82.9846, 92.3704, 108.0633

Protanomaly

86.7347, 92.5138, 105.3810

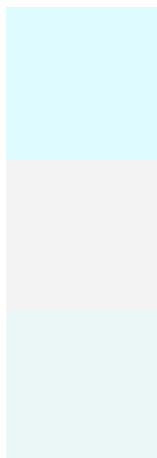
Deuteranomaly

87.6475, 92.0581, 106.0780

Tritanomaly

85.2044, 92.1272, 107.8993

Monochromacy



Original Color

82.9846, 92.3704, 108.0633

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.0052, 90.2891, 100.9957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9846, 92.3704, 108.0633 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(222, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 252, 255)  
}
```

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(222, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 252, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.9846, 92.3704, 108.0633 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(222, 252, 255) }
```


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

```
.border{ border-color:rgb(222, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 252,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9846, 92.3704, 108.0633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 252, 255) }
```

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

```
.background{ background-color: rgb(222,  
252, 255) }
```

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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