

Converting Colors

XYZ(84.0461, 93.3149,
117.7755)

Have a look what the booklet for
XYZ(84.0461, 93.3149, 117.7755)
contains.

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Color

**XYZ(82.0887, 92.3760,
108.1116)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFDFF
RGB	218, 253, 255
RGB Percent	85%, 99%, 100%
CMY	0.1451, 0.0078, 0.0000
CMYK	0.15, 0.01, 0.00, 0.00
HSL	183°, 100%, 93%
HSV	183°, 15%, 100%
XYZ	82.0887, 92.3760, 108.1116
YIQ	242.7630, -21.5020, -6.7980

Conversions

Conversions Part 2

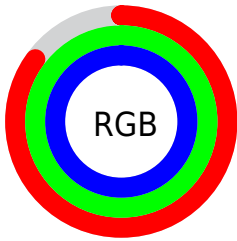
Format	Color
R _Y B	218, 236, 255
Decimal	14351871
CIE Lab	96.97, -10.80, -4.74
CIE LCh	97, 11.794, 203.720
Yxy	92.3760, 0.2905, 0.3269
Android (android.graphics.Color)	4292541951 (0xFFDAFDFF)
YUV	242.7630, 6.0328, -21.7172
Hunter-Lab	96.1124, -15.7416, 0.5866

Details

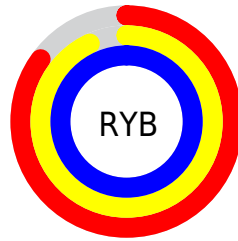
The XYZ color **82.0887, 92.3760, 108.1116** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.4876, 77.5068, 77.1021**, and the grayscale version is **84.9709, 89.3960, 97.3522**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0372, 51.3436, 60.9627** is the 20% darker color. If you saturate the color by 10%, you get **74.6101, 87.8812, 107.6381**, and if you desaturate by 10%, it is **90.7483, 97.4893, 108.6421**.

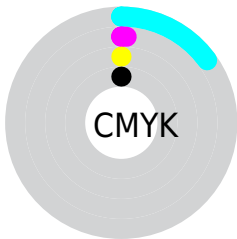
Distribution



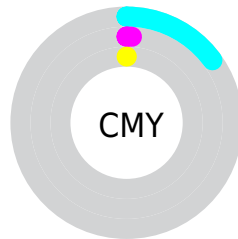
- Red (85%)
- Green (99%)
- Blue (100%)



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



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0887, 92.3760, 108.1116 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 82.0887, 92.3760, 108.1116 by changing the saturation by 10% instead.

82.0887, 92.3760,
108.1116

82.0887, 92.3760,
108.1116

490.5743,
535.7300, 607.3652

61.7530, 69.9530,
82.4374

135.2336,
150.6344, 174.4093

45.0880, 51.4882,
61.1882

168.7734,
187.2386, 215.8698

31.7283, 36.5973,
43.9455

207.4454,
229.3386, 263.4296

21.3086, 24.8958,
30.2908

251.6149,
277.3188, 317.5071

13.4635, 15.9995,
19.8055

301.6471,
331.5637, 378.5208

7.8277, 9.5238,
12.0711

357.9075,

4.0358, 5.0844,

392.4576, 446.8894

6.6690

420.7615,
460.3849, 523.0314

■ 1.7224, 2.2969,
3.1807

■ 0.4702, 0.7720,
1.1876

■ 82.0887, 92.3760,
108.1116

■ 82.0887, 92.3760,
108.1116

■ 74.6101, 87.8812,
107.6381

■ 90.7483, 97.4893,
108.6421

■ 68.2520, 83.9661,
107.2176

95.0500, 100.0000,
108.9000

■ 62.9590, 80.6047,
106.8477

■ 58.6686, 77.7648,
106.5257

■ 55.3113, 75.4105,
106.2482

■ 52.8090, 73.5016,
106.0117

■ 51.0709, 71.9913,
105.8117

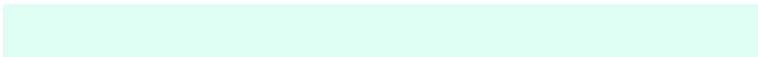
■ 49.9854, 70.8220,
105.6432

■ 49.5801, 70.2801,
105.5600

Harmonies

Analogous

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



81.6110, 92.3760, 98.5964



82.0887, 92.3760, 108.1116



84.0796, 92.3760, 116.0404

Triad

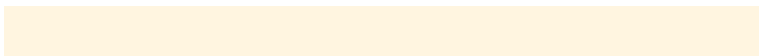
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0887, 92.3760, 108.1116



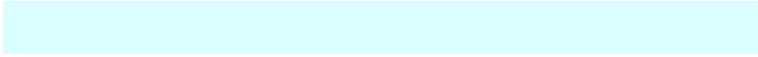
93.0443, 92.3760, 111.7847



88.5003, 92.3760, 83.4924

Complementary

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



82.0887, 92.3760, 108.1116



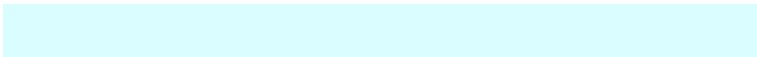
79.4876, 77.5068, 77.1021

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.



91.6299, 92.3760, 86.5609



82.0887, 92.3760, 108.1116



94.2956, 92.3760, 102.5936

Square

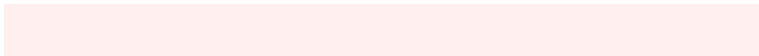
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



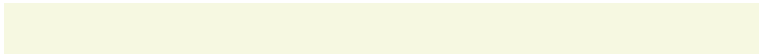
82.0887, 92.3760, 108.1116



90.3919, 92.3760, 118.2527



93.7715, 92.3760, 93.4099



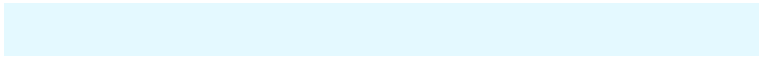
85.2593, 92.3760, 84.7652

Rectangle

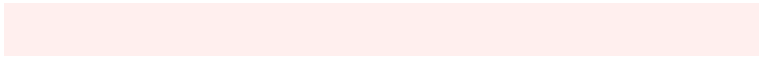
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



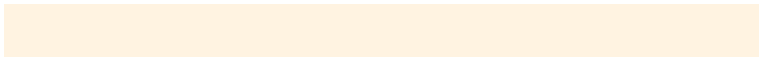
82.0887, 92.3760, 108.1116



86.0244, 92.3760, 119.1582



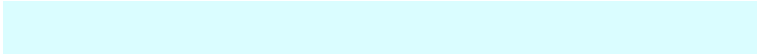
93.7715, 92.3760, 93.4099



89.6011, 92.3760, 84.0438

Sweetspot

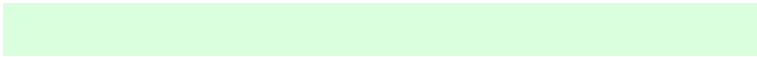
The Sweet Spot groups the original color and five complimentary colors.



82.0911, 92.3797, 108.1121



91.2213, 97.7662, 108.6706



77.5728, 91.5852, 81.1967



19.3757, 20.8385, 23.2510



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

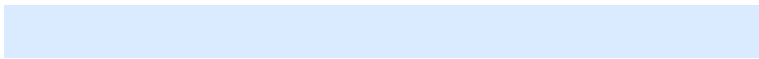
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0911, 92.3797, 108.1121



80.1195, 91.2030, 107.9889



76.5727, 81.3429, 106.2727



18.4660, 20.3037, 23.1957



25.9430, 36.7957, 55.1695



2.5506, 3.6319, 5.3799

Inverse Universe

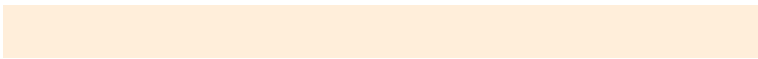
The Inverse Universe completely reimagines the original color for something new.



84.0425, 78.4962, 103.6547



82.3720, 75.2425, 102.8290



84.5720, 87.6757, 78.7969



18.7479, 18.2825, 22.5555



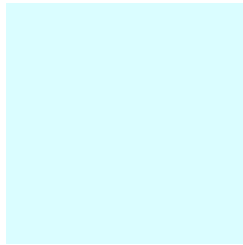
29.8830, 14.4425, 44.8961



2.9220, 1.4112, 4.4369

Previews

White Background



This preview shows how the XYZ color 82.0887, 92.3760, 108.1116 looks on a white background.

Color Contrast Check

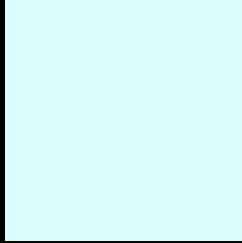
Large Text (above 18pt) WCAG AA × Fail

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 82.0887, 92.3760, 108.1116 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 82.0887, 92.3760, 108.1116

Background



This preview shows how black text looks on a background with the XYZ color 82.0887, 92.3760, 108.1116.

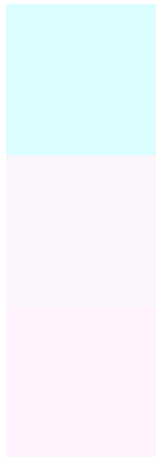


This preview shows how white text looks on a background with the XYZ color 82.0887, 92.3760,

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

82.0887, 92.3760, 108.1116

Protanopia

88.9746, 92.3467, 103.5777

Deuteranopia

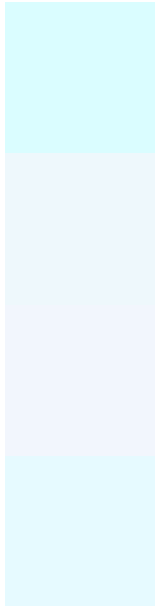
90.5628, 91.7925, 105.0400



Tritanopia

86.5425, 92.3593, 107.8736

Trichromacy



Original Color

82.0887, 92.3760, 108.1116

Protanomaly

86.3980, 92.3402, 105.3652

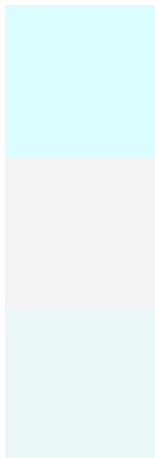
Deuteranomaly

87.3033, 91.8806, 106.0619

Tritanomaly

84.8687, 92.4142, 107.9724

Monochromacy



Original Color

82.0887, 92.3760, 108.1116

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

83.9809, 90.7294, 101.0819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0887, 92.3760, 108.1116 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, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 253, 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(218, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 253, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.0887, 92.3760, 108.1116 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, 253, 255) }
```


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

```
.border{ border-color:rgb(218, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 253,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0887, 92.3760, 108.1116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 253, 255) }
```

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

```
.background{ background-color: rgb(218,  
253, 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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