

Converting Colors

XYZ(82.7304, 94.3504,
103.7998)

Have a look what the booklet for
XYZ(82.7304, 94.3504, 103.7998)
contains.

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Color

**XYZ(82.3741, 93.5752,
103.3428)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFFF9
RGB	220, 255, 249
RGB Percent	86%, 100%, 98%
CMY	0.1372, 0.0000, 0.0235
CMYK	0.14, 0.00, 0.02, 0.00
HSL	170°, 100%, 93%
HSV	170°, 14%, 100%
XYZ	82.3741, 93.5752, 103.3428
YIQ	243.8510, -18.9340, -9.2860

Conversions

Conversions Part 2

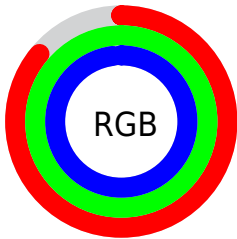
Format	Color
R _Y B	220, 239, 255
Decimal	14483449
CIE Lab	97.46, -12.34, -0.93
CIE LCh	97, 12.379, 184.295
Yxy	93.5752, 0.2949, 0.3350
Android (android.graphics.Color)	4292673529 (0xFFDCFF9)
YUV	243.8510, 2.5385, -20.9173
Hunter-Lab	96.7343, -17.2833, 4.3735

Details

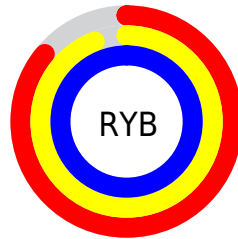
The XYZ color **82.3741, 93.5752, 103.3428** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.5613, 77.9386, 82.7494**, and the grayscale version is **85.8608, 90.3323, 98.3718**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3368, 52.2378, 58.1455** is the 20% darker color. If you saturate the color by 10%, you get **74.5625, 89.6260, 99.4612**, and if you desaturate by 10%, it is **91.3807, 98.1385, 107.3660**.

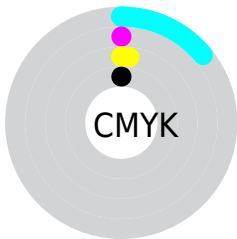
Distribution



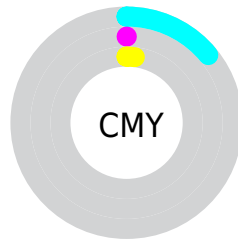
- Red (86%)
- Green (100%)
- Blue (98%)



- Red (86%)
- Yellow (94%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.3741, 93.5752, 103.3428 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 82.3741, 93.5752, 103.3428 by changing the saturation by 10% instead.

 82.3741, 93.5752,
103.3428

 82.3741, 93.5752,
103.3428


491.5137,
539.5935, 592.1956

 61.9891, 70.9497,
78.4628


135.6316,
152.2947, 167.8352

 45.2795, 52.3011,
57.9355

169.2348,
189.1575, 208.2847

 31.8798, 37.2452,
41.3425


207.9748,
231.5348, 254.7611

 21.4248, 25.3974,
28.2651

252.2169,
279.8111, 307.6830

 13.5491, 16.3734,
18.2848

302.3265,
334.3707, 367.4688

 7.8873, 9.7887,
10.9831

358.6689,

 4.0741, 5.2591,

395.5981, 434.5372

5.9414

421.6095,
463.8775, 509.3066

■ 1.7442, 2.4001,
2.7413

■ 0.4837, 0.8259,
0.9641

■ 82.3741, 93.5752,
103.3428

■ 82.3741, 93.5752,
103.3428

■ 74.5625, 89.6260,
99.4612

■ 91.3807, 98.1385,
107.3660

■ 67.8897, 86.2621,
95.7137

95.0500, 100.0000,
108.9000

■ 62.2993, 83.4543,
92.0984

■ 57.7289, 81.1707,
88.6121

■ 54.1098, 79.3756,
85.2508

■ 51.3645, 78.0292,
82.0103

■ 49.4031, 77.0852,
78.8859

■ 48.1163, 76.4872,
75.8719

■ 47.5551, 76.2380,
74.0319

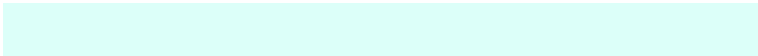
Harmonies

Analogous

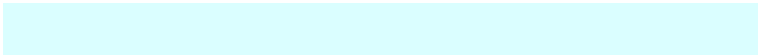
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9927, 93.5752, 93.7259



82.3741, 93.5752, 103.3428



83.4766, 93.5752, 113.1792

Triad

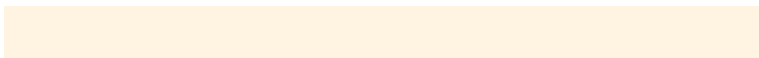
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.3741, 93.5752, 103.3428



92.8004, 93.5752, 118.7173



91.9021, 93.5752, 85.4340

Complementary

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



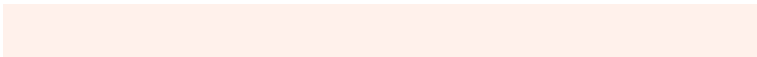
82.3741, 93.5752, 103.3428



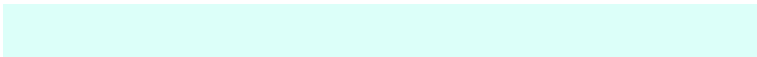
80.5613, 77.9386, 82.7494

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.



94.6376, 93.5752, 91.3730



82.3741, 93.5752, 103.3428



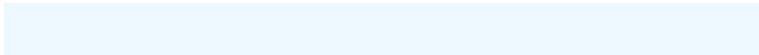
95.1657, 93.5752, 110.5096

Square

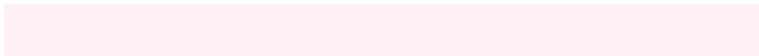
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



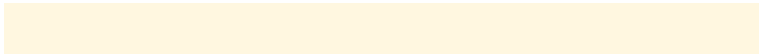
82.3741, 93.5752, 103.3428



89.4471, 93.5752, 122.4184



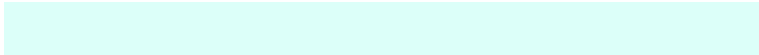
95.8467, 93.5752, 100.4459



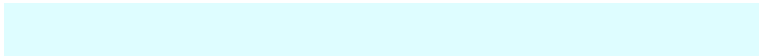
88.4356, 93.5752, 83.7908

Rectangle

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



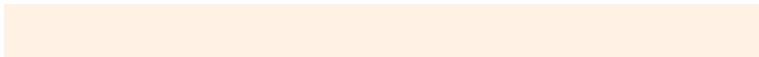
82.3741, 93.5752, 103.3428



85.0567, 93.5752, 118.4151



95.8467, 93.5752, 100.4459



92.9406, 93.5752, 86.9741

Sweetspot

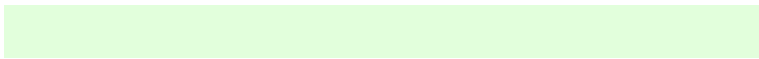
The Sweet Spot groups the original color and five complimentary colors.



82.3750, 93.5757, 103.3443



91.1162, 98.0044, 107.2534



80.1740, 92.9239, 81.4222



19.3490, 20.8991, 22.8909



0.0000, 0.0000, 0.0000



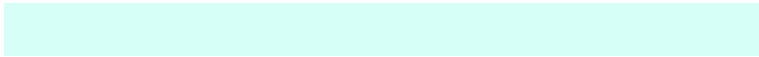
20.3446, 21.4041, 23.3091

Same Dimension

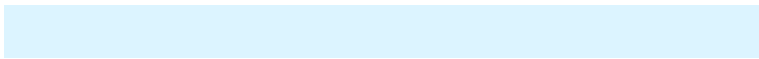
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.3750, 93.5757, 103.3443



80.4944, 92.6240, 102.4487



79.8917, 87.0876, 107.2066



18.4133, 20.4249, 22.4796



24.8977, 39.8557, 38.9419



2.4579, 3.8941, 3.9691

Inverse Universe

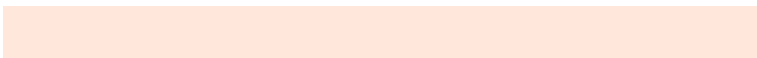
The Inverse Universe completely reimagines the original color for something new.



80.5613, 77.9386, 82.7494



78.4140, 74.6852, 78.8240



82.7582, 83.6268, 79.4915



18.1364, 18.0379, 19.3354



21.8202, 11.2174, 2.4377



2.1581, 1.1056, 0.4140

Previews

White Background



This preview shows how the XYZ color 82.3741, 93.5752, 103.3428 looks on a white background.

Color Contrast Check

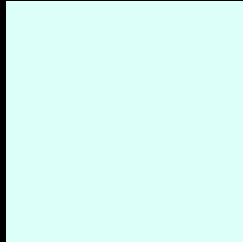
Large Text (above 18pt) WCAG AA × Fail

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 82.3741, 93.5752, 103.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

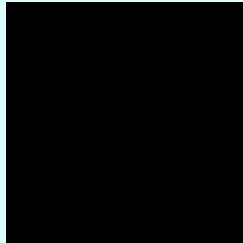
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

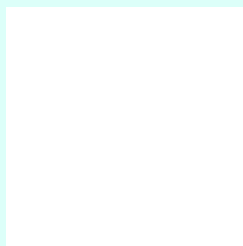
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.3741, 93.5752, 103.3428

Background



This preview shows how black text looks on a background with the XYZ color 82.3741, 93.5752, 103.3428.



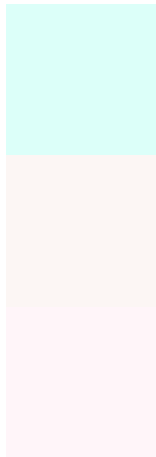
This preview shows how white text looks on a background with the XYZ color 82.3741, 93.5752,

103.3428.

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

82.3741, 93.5752, 103.3428

Protanopia

89.4298, 93.1386, 98.8520

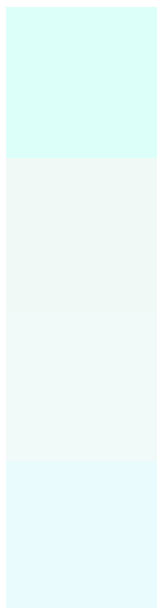
Deuteranopia

90.9913, 93.4044, 102.8556

Tritanopia

88.2013, 93.6721, 108.0396

Trichromacy



Original Color

82.3741, 93.5752, 103.3428

Protanomaly

86.4454, 92.9304, 100.5700

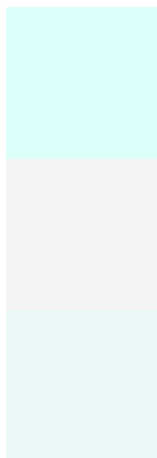
Deuteranomaly

87.5925, 93.4682, 103.0471

Tritanomaly

85.8311, 93.4098, 106.4346

Monochromacy



Original Color

82.3741, 93.5752, 103.3428

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

84.4629, 91.4508, 100.3889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3741, 93.5752, 103.3428 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(220, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 249)  
}
```

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(220, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 249) }
```

Border

The CSS property to change the border of an element to XYZ 82.3741, 93.5752, 103.3428 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(220, 255, 249) }
```


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

```
.border{ border-color:rgb(220, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3741, 93.5752, 103.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 249) }
```

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

```
.background{ background-color: rgb(220,  
255, 249) }
```

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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