

Converting Colors

XYZ(82.6868, 93.7653,
102.0507)

Have a look what the booklet for
XYZ(82.6868, 93.7653, 102.0507)
contains.

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Color

**XYZ(82.6727, 93.7650,
101.7368)**

Conversions

Conversions Part 1

Format	Color
Hex	DEFFF7
RGB	222, 255, 247
RGB Percent	87%, 100%, 97%
CMY	0.1294, 0.0000, 0.0314
CMYK	0.13, 0.00, 0.03, 0.00
HSL	165°, 100%, 94%
HSV	165°, 13%, 100%
XYZ	82.6727, 93.7650, 101.7368
YIQ	244.2210, -17.1000, -9.4840

Conversions

Conversions Part 2

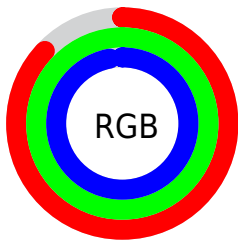
Format	Color
R _Y B	222, 241, 255
Decimal	14614519
CIE Lab	97.54, -12.10, 0.23
CIE LCh	98, 12.102, 178.917
Yxy	93.7650, 0.2972, 0.3371
Android (android.graphics.Color)	4292804599 (0xFFDEFFF7)
YUV	244.2210, 1.3700, -19.4878
Hunter-Lab	96.8323, -17.0583, 5.4896

Details

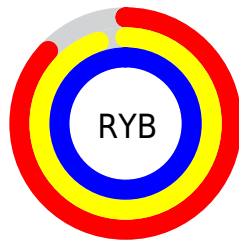
The XYZ color **82.6727, 93.7650, 101.7368** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.6448, 79.2169, 85.8504**, and the grayscale version is **86.1648, 90.6520, 98.7201**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5344, 52.3652, 56.9978** is the 20% darker color. If you saturate the color by 10%, you get **74.5062, 89.6634, 96.4588**, and if you desaturate by 10%, it is **92.0538, 98.4891, 107.2396**.

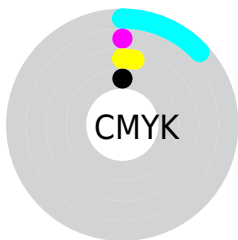
Distribution



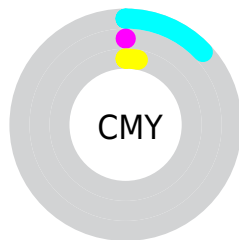
- Red (87%)
- Green (100%)
- Blue (97%)



- Red (87%)
- Yellow (95%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6727, 93.7650, 101.7368 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 82.6727, 93.7650, 101.7368 by changing the saturation by 10% instead.

82.6727, 93.7650,
101.7368

82.6727, 93.7650,
101.7368

492.4955,
540.2037, 587.0409

62.2362, 71.1075,
77.1269

136.0479,
152.5573, 165.6145

45.4799, 52.4299,
56.8448

169.7172,
189.4609, 205.7194

32.0385, 37.3479,
40.4721

208.5282,
231.8820, 251.8264

21.5466, 25.4770,
27.5903

252.8462,
280.2050, 304.3539

13.6388, 16.4328,
17.7807

303.0366,
334.8142, 363.7206

7.9499, 9.8309,
10.6248

359.4647,

4.1145, 5.2870,

396.0942, 430.3450

5.7042

422.4959,
464.4292, 504.6456

■ 1.7671, 2.4166,
2.6002

■ 0.4977, 0.8344,
0.8926

■ 82.6727, 93.7650,
101.7368

■ 82.6727, 93.7650,
101.7368

■ 74.5062, 89.6634,
96.4588

■ 92.0538, 98.4891,
107.2396

■ 67.4985, 86.1555,
91.3971

95.0500, 100.0000,
108.9000

■ 61.5932, 83.2124,
86.5488

■ 56.7282, 80.8021,
81.9095

■ 52.8350, 78.8892,
77.4744

■ 49.8369, 77.4343,
73.2381

■ 47.6449, 76.3915,
69.1947

■ 46.1513, 75.7053,
65.3376

■ 45.4070, 75.3788,
62.7206

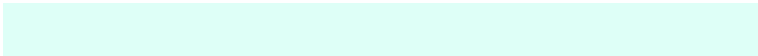
Harmonies

Analogous

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



83.5777, 93.7650, 92.6274



82.6727, 93.7650, 101.7368



83.4581, 93.7650, 111.5263

Triad

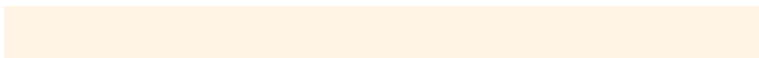
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6727, 93.7650, 101.7368



92.3561, 93.7650, 119.5809



92.5779, 93.7650, 86.7216

Complementary

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



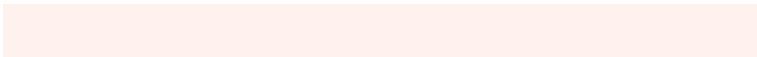
82.6727, 93.7650, 101.7368



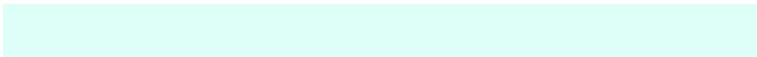
81.6448, 79.2169, 85.8504

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.



95.0340, 93.7650, 93.2094



82.6727, 93.7650, 101.7368



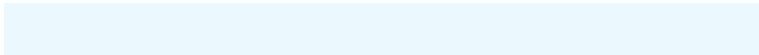
94.9037, 93.7650, 112.1849

Square

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



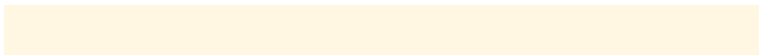
82.6727, 93.7650, 101.7368



88.9960, 93.7650, 122.2195



95.8958, 93.7650, 102.4523



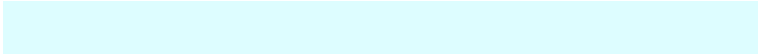
89.2458, 93.7650, 84.3090

Rectangle

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



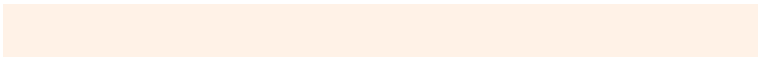
82.6727, 93.7650, 101.7368



84.8464, 93.7650, 117.0416



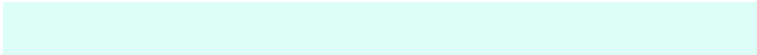
95.8958, 93.7650, 102.4523



93.5365, 93.7650, 88.4767

Sweetspot

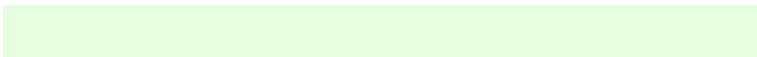
The Sweet Spot groups the original color and five complimentary colors.



82.6736, 93.7654, 101.7383



91.0009, 97.9583, 106.6461



81.6590, 93.6587, 82.8828



19.3198, 20.8874, 22.7368



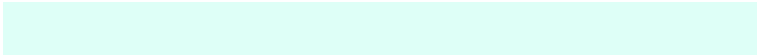
0.0000, 0.0000, 0.0000



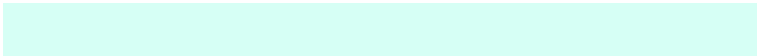
20.3446, 21.4041, 23.3091

Same Dimension

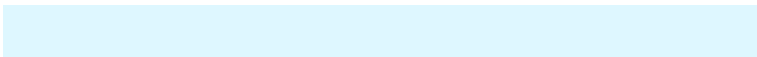
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6736, 93.7654, 101.7383



80.0483, 92.4456, 100.0996



81.3594, 89.1190, 107.5213



18.3556, 20.4018, 22.1754



23.7880, 39.4118, 33.0986



2.3590, 3.8545, 3.4483

Inverse Universe

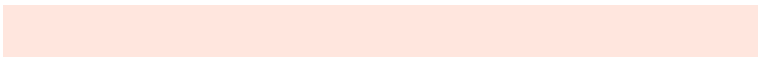
The Inverse Universe completely reimagines the original color for something new.



81.6448, 79.2169, 85.8504



78.8039, 74.8411, 80.8769



82.7920, 83.2678, 80.8174



18.1899, 18.0593, 19.6169



22.0490, 11.3089, 3.6425



2.1876, 1.1174, 0.5694

Previews

White Background



This preview shows how the XYZ color 82.6727, 93.7650, 101.7368 looks on a white background.

Color Contrast Check

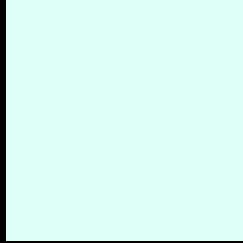
Large Text (above 18pt) WCAG AA × Fail

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 82.6727, 93.7650, 101.7368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

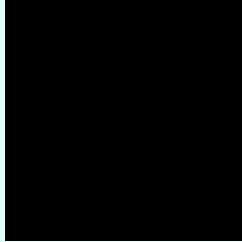
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

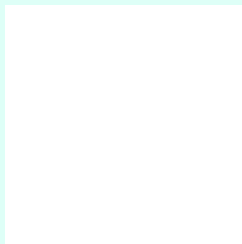
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6727, 93.7650, 101.7368

Background



This preview shows how black text looks on a background with the XYZ color 82.6727, 93.7650, 101.7368.



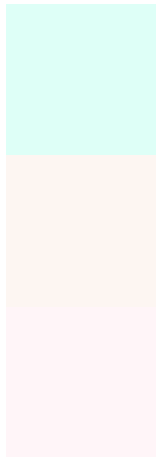
This preview shows how white text looks on a background with the XYZ color 82.6727, 93.7650,

101.7368.

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

82.6727, 93.7650, 101.7368

Protanopia

89.4908, 93.2050, 97.2781

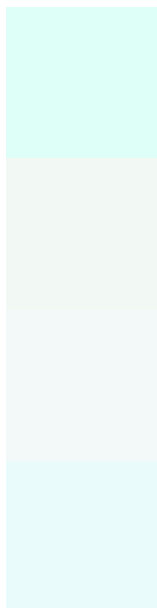
Deuteranopia

90.8357, 93.3421, 102.0362

Tritanopia

88.2013, 93.6721, 108.0396

Trichromacy



Original Color

82.6727, 93.7650, 101.7368

Protanomaly

86.8228, 93.1603, 98.9936

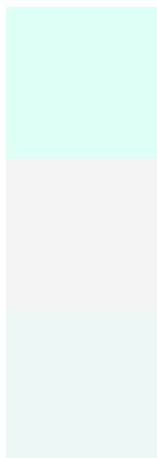
Deuteranomaly

87.7811, 93.5834, 102.2438

Tritanomaly

85.9996, 93.5151, 105.6130

Monochromacy



Original Color

82.6727, 93.7650, 101.7368

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

84.6409, 91.5602, 99.5980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6727, 93.7650, 101.7368 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, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(222, 255, 247)  
}
```

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, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 255, 247) }
```

Border

The CSS property to change the border of an element to XYZ 82.6727, 93.7650, 101.7368 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, 255, 247) }
```


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

```
.border{ border-color:rgb(222, 255, 247) }
```

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

Here you see how a box with a 4 pixel rgb(222, 255, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(222, 255,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6727, 93.7650, 101.7368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 255, 247) }
```

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

```
.background{ background-color: rgb(222,  
255, 247) }
```

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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