

Converting Colors

XYZ(84.4887, 100.0000,
98.9630)

Have a look what the booklet for
XYZ(84.4887, 100.0000, 98.9630)
contains.

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Color

**XYZ(81.0004, 92.9909,
97.6843)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFFF2
RGB	219, 255, 242
RGB Percent	86%, 100%, 95%
CMY	0.1412, 0.0000, 0.0510
CMYK	0.14, 0.00, 0.05, 0.00
HSL	158°, 100%, 93%
HSV	158°, 14%, 100%
XYZ	81.0004, 92.9909, 97.6843
YIQ	242.7540, -17.2830, -11.6750

Conversions

Conversions Part 2

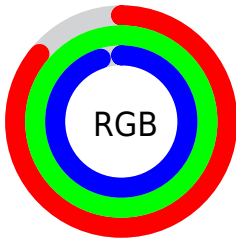
Format	Color
R _Y B	219, 241, 255
Decimal	14417906
CIE Lab	97.22, -13.99, 2.32
CIE LCh	97, 14.180, 170.584
Yxy	92.9909, 0.2982, 0.3423
Android (android.graphics.Color)	4292607986 (0xFFDBFFF2)
YUV	242.7540, -0.3717, -20.8323
Hunter-Lab	96.4318, -18.8199, 7.4422

Details

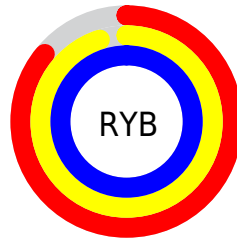
The XYZ color **81.0004, 92.9909, 97.6843** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.1375, 77.7502, 87.0747**, and the grayscale version is **85.0082, 89.4352, 97.3949**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3669, 51.8259, 54.1194** is the 20% darker color. If you saturate the color by 10%, you get **72.5591, 88.7950, 90.2518**, and if you desaturate by 10%, it is **90.6882, 97.8212, 105.5415**.

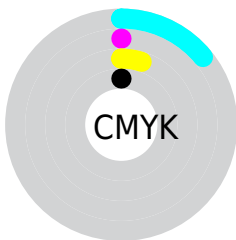
Distribution



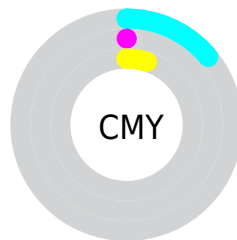
- Red (86%)
- Green (100%)
- Blue (95%)



- Red (86%)
- Yellow (95%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)




- Cyan (14%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.0004, 92.9909, 97.6843 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 81.0004, 92.9909, 97.6843 by changing the saturation by 10% instead.

 81.0004, 92.9909,
97.6843

 81.0004, 92.9909,
97.6843


486.9832,
537.7129, 573.9256

 60.8532, 70.4639,
73.7619


133.7145,
151.4860, 159.9952

 44.3588, 51.9049,
54.1036


167.0121,
188.2230, 199.2209

 31.1518, 36.9292,
38.2908


205.4239,
230.4653, 244.3847

 20.8669, 25.1527,
25.9049

249.3153,
278.5976, 295.9053

 13.1386, 16.1909,
16.5273

299.0515,
333.0041, 354.2011

 7.6017, 9.6593,
9.7397

354.9980,

 3.8908, 5.1737,

394.0692, 419.6908

5.1234

417.5201,
462.1773, 492.7928

■ 1.6406, 2.3495,
2.2598

■ 0.4186, 0.7997,
0.7086

■ 81.0004, 92.9909,
97.6843

■ 81.0004, 92.9909,
97.6843

■ 72.5591, 88.7950,
90.2518

■ 90.6882, 97.8212,
105.5415

■ 65.3074, 85.2045,
83.2317

95.0500, 100.0000,
108.9000

■ 59.1878, 82.1897,
76.6174

■ 54.1366, 79.7181,
70.4004

■ 50.0838, 77.7536,
64.5717

■ 46.9505, 76.2558,
59.1218

■ 44.6454, 75.1775,
54.0405

■ 43.0568, 74.4615,
49.3164

■ 42.3642, 74.1617,
46.6971

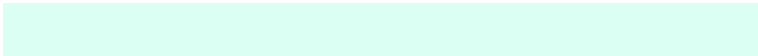
Harmonies

Analogous

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



82.5657, 92.9909, 87.8779



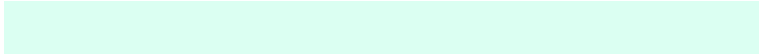
81.0004, 92.9909, 97.6843



81.3671, 92.9909, 109.2085

Triad

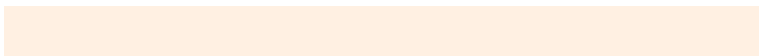
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0004, 92.9909, 97.6843



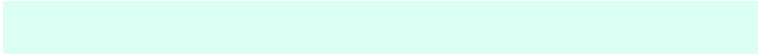
91.1215, 92.9909, 123.3434



93.3676, 92.9909, 85.1440

Complementary

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



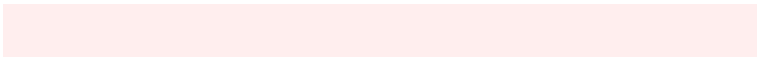
81.0004, 92.9909, 97.6843



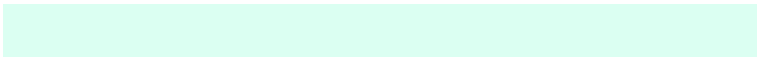
81.1375, 77.7502, 87.0747

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.



95.7954, 92.9909, 93.6903



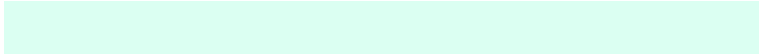
81.0004, 92.9909, 97.6843



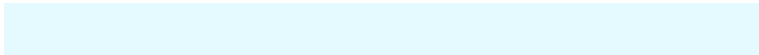
94.4716, 92.9909, 115.9170

Square

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



81.0004, 92.9909, 97.6843



87.1306, 92.9909, 124.6155



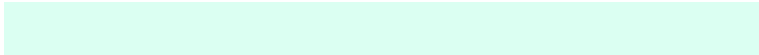
96.2054, 92.9909, 104.9041



89.6515, 92.9909, 81.0068

Rectangle

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



81.0004, 92.9909, 97.6843



82.6622, 92.9909, 116.2946



96.2054, 92.9909, 104.9041



94.3661, 92.9909, 87.5646

Sweetspot

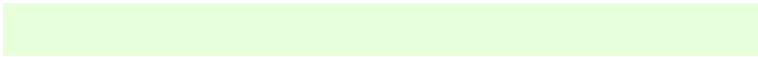
The Sweet Spot groups the original color and five complimentary colors.



81.0013, 92.9913, 97.6858



90.8091, 97.8816, 105.6359



81.8905, 93.8241, 80.8128



19.2711, 20.8679, 22.4807



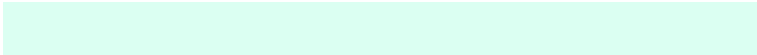
0.0000, 0.0000, 0.0000



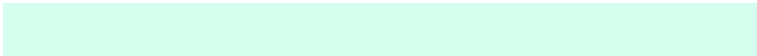
20.3446, 21.4041, 23.3091

Same Dimension

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



81.0013, 92.9913, 97.6858



78.4419, 91.7176, 95.4996



81.5118, 90.7761, 107.8331



18.2602, 20.3636, 21.6730



22.2103, 38.7807, 24.7903



2.2149, 3.7969, 2.6895

Inverse Universe

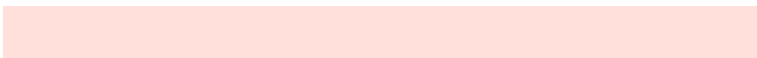
The Inverse Universe completely reimagines the original color for something new.



81.1375, 77.7502, 87.0747



78.6030, 73.7349, 82.9817



80.6288, 79.5793, 78.1298



18.2804, 18.0955, 20.0936



22.6247, 11.5392, 6.6742



2.2530, 1.1436, 0.9136

Previews

White Background



This preview shows how the XYZ color 81.0004, 92.9909, 97.6843 looks on a white background.

Color Contrast Check

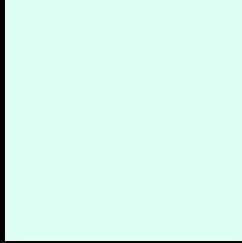
Large Text (above 18pt) WCAG AA × Fail

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 81.0004, 92.9909, 97.6843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

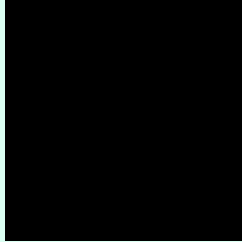
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

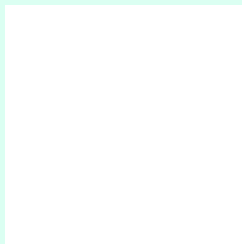
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0004, 92.9909, 97.6843

Background



This preview shows how black text looks on a background with the XYZ color 81.0004, 92.9909, 97.6843.



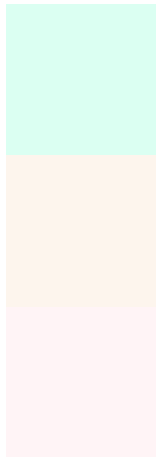
This preview shows how white text looks on a background with the XYZ color 81.0004, 92.9909,

97.6843.

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

81.0004, 92.9909, 97.6843

Protanopia

88.4465, 92.3019, 93.2752

Deuteranopia

90.2252, 92.6152, 100.3099



Tritanopia

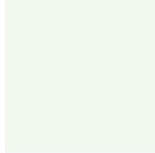
87.2140, 92.7055, 107.9050

Trichromacy



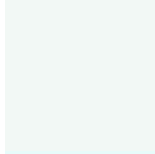
Original Color

81.0004, 92.9909, 97.6843



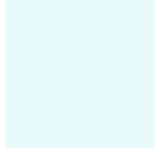
Protanomaly

85.7313, 92.6841, 95.0327



Deuteranomaly

86.6668, 92.6046, 99.6929



Tritanomaly

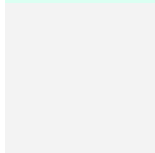
85.0312, 93.0523, 103.9217

Monochromacy



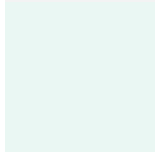
Original Color

81.0004, 92.9909, 97.6843



Achromatopsia

85.1904, 89.6269, 97.6037



Achromatomaly

83.3701, 90.4850, 97.8653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0004, 92.9909, 97.6843 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(219, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 242)  
}
```

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(219, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 242) }
```

Border

The CSS property to change the border of an element to XYZ 81.0004, 92.9909, 97.6843 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(219, 255, 242) }
```


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

```
.border{ border-color:rgb(219, 255, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0004, 92.9909, 97.6843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 242) }
```

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

```
.background{ background-color: rgb(219,  
255, 242) }
```

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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