

Converting Colors

XYZ(82.6215, 93.8483, 96.7789)

Have a look what the booklet for
XYZ(82.6215, 93.8483, 96.7789)
contains.

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Color

**XYZ(82.6885, 93.8784,
96.9813)**

Conversions

Conversions Part 1

Format	Color
Hex	E1FFF1
RGB	225, 255, 241
RGB Percent	88%, 100%, 95%
CMY	0.1176, 0.0000, 0.0549
CMYK	0.12, 0.00, 0.05, 0.00
HSL	152°, 100%, 94%
HSV	152°, 12%, 100%
XYZ	82.6885, 93.8784, 96.9813
YIQ	244.4340, -13.3860, -10.7140

Conversions

Conversions Part 2

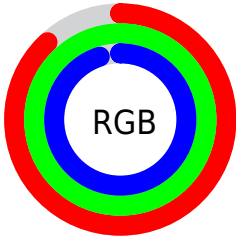
Format	Color
R _Y B	225, 245, 255
Decimal	14811121
CIE Lab	97.58, -12.27, 3.40
CIE LCh	98, 12.729, 164.495
Yxy	93.8784, 0.3023, 0.3432
Android (android.graphics.Color)	4293001201 (0xFFE1FFF1)
YUV	244.4340, -1.6930, -17.0436
Hunter-Lab	96.8909, -17.2237, 8.4783

Details

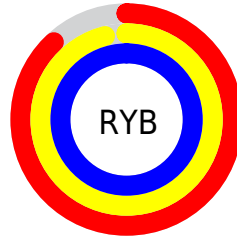
The XYZ color **82.6885, 93.8784, 96.9813** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.7457, 81.3434, 92.9483**, and the grayscale version is **86.3570, 90.8543, 98.9403**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5286, 52.4370, 53.6207** is the 20% darker color. If you saturate the color by 10%, you get **73.6038, 89.3938, 87.5794**, and if you desaturate by 10%, it is **93.0783, 99.0224, 107.0533**.

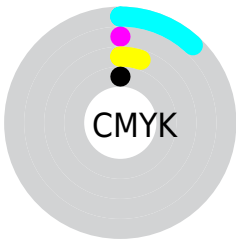
Distribution



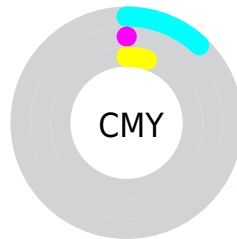
- Red (88%)
- Green (100%)
- Blue (95%)



- Red (88%)
- Yellow (96%)
- Blue (100%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.6885, 93.8784, 96.9813 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 82.6885, 93.8784, 96.9813 by changing the saturation by 10% instead.


 82.6885, 93.8784,
96.9813

 82.6885, 93.8784,
96.9813


492.5474,
540.5680, 571.6342

 62.2493, 71.2018,
73.1791


136.0699,
152.7142, 159.0181

 45.4905, 52.5069,
53.6297


169.7427,
189.6421, 198.0898

 32.0469, 37.4093,
37.9146


208.5575,
232.0893, 243.0884

 21.5530, 25.5245,
25.6151

252.8795,
280.4402, 294.4324

 13.6436, 16.4683,
16.3127

303.0742,
335.0791, 352.5405

 7.9532, 9.8561,
9.5890

359.5068,

 4.1166, 5.3037,

396.3905, 417.8312

5.0253

422.5428,
464.7586, 490.7229

■ 1.7683, 2.4265,
2.2031

■ 0.4985, 0.8395,
0.6762

■ 82.6885, 93.8784,
96.9813

■ 82.6885, 93.8784,
96.9813

■ 73.6038, 89.3938,
87.5794

■ 93.0783, 99.0224,
107.0533

■ 65.7669, 85.5392,
78.8290

95.0500, 100.0000,
108.9000

■ 59.1200, 82.2853,
70.7172

■ 53.5996, 79.5995,
63.2287

■ 49.1360, 77.4461,
56.3477

■ 45.6512, 75.7852,
50.0576

■ 43.0559, 74.5711,
44.3405

■ 41.2427, 73.7488,
39.1775

■ 40.2046, 73.2978,
35.3247

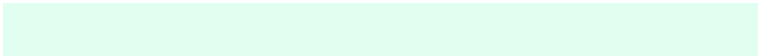
Harmonies

Analogous

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



84.4390, 93.8784, 88.6484



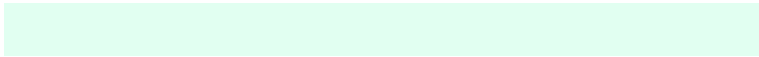
82.6885, 93.8784, 96.9813



82.6583, 93.8784, 107.2885

Triad

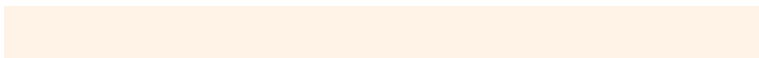
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6885, 93.8784, 96.9813



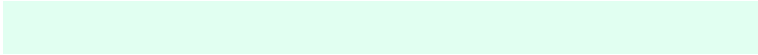
90.9821, 93.8784, 122.7560



94.2859, 93.8784, 88.8743

Complementary

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



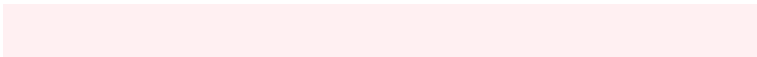
82.6885, 93.8784, 96.9813



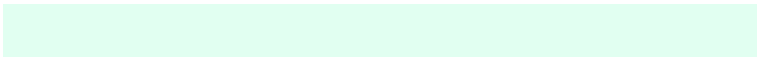
83.7457, 81.3434, 92.9483

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.



96.1381, 93.8784, 97.3091



82.6885, 93.8784, 96.9813



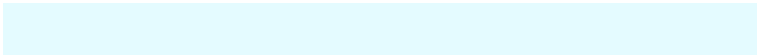
94.1960, 93.8784, 117.1053

Square

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



82.6885, 93.8784, 96.9813



87.3810, 93.8784, 122.6534



96.1048, 93.8784, 107.6391



91.1021, 93.8784, 84.1880

Rectangle

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



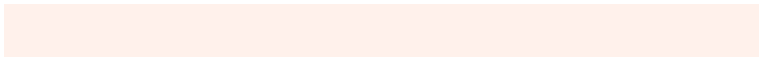
82.6885, 93.8784, 96.9813



83.6144, 93.8784, 113.9271



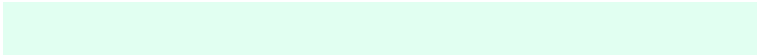
96.1048, 93.8784, 107.6391



95.0886, 93.8784, 91.3392

Sweetspot

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



82.6894, 93.8788, 96.9828



90.6395, 97.8137, 104.7429



84.9478, 95.3072, 85.1544



19.2282, 20.8508, 22.2546



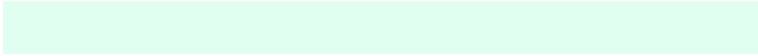
0.0000, 0.0000, 0.0000



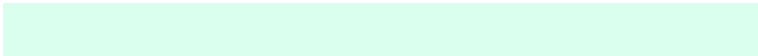
20.3446, 21.4041, 23.3091

Same Dimension

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



82.6894, 93.8788, 96.9828



80.5466, 92.8198, 94.8228



84.5437, 94.1115, 108.3171



18.1766, 20.3302, 21.2327



21.0840, 38.3302, 18.8593



2.1081, 3.7542, 2.1271

Inverse Universe

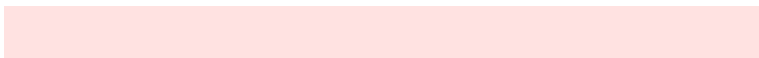
The Inverse Universe completely reimagines the original color for something new.



83.7457, 81.3434, 92.9483



81.7842, 78.1334, 90.0963



82.0277, 81.0900, 82.5641



18.3621, 18.1282, 20.5240



23.3622, 11.8342, 10.5578



2.3293, 1.1741, 1.3153

Previews

White Background



This preview shows how the XYZ color 82.6885, 93.8784, 96.9813 looks on a white background.

Color Contrast Check

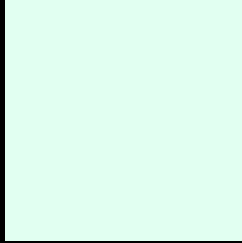
Large Text (above 18pt) WCAG AA × Fail

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 82.6885, 93.8784, 96.9813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

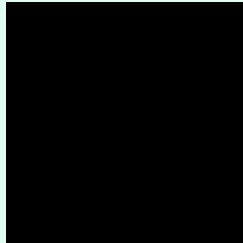
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

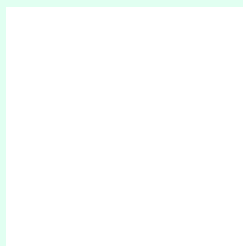
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6885, 93.8784, 96.9813

Background



This preview shows how black text looks on a background with the XYZ color 82.6885, 93.8784, 96.9813.



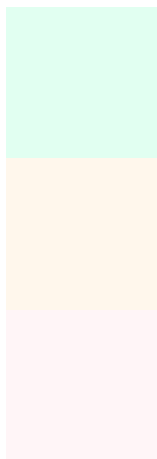
This preview shows how white text looks on a background with the XYZ color 82.6885, 93.8784,

96.9813.

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

82.6885, 93.8784, 96.9813

Protanopia

89.6411, 93.8377, 92.7448

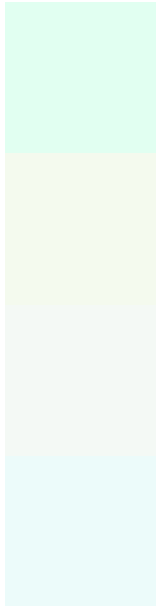
Deuteranopia

90.6809, 93.2802, 101.2212

Tritanopia

88.5436, 93.8486, 108.0556

Trichromacy



Original Color

82.6885, 93.8784, 96.9813

Protanomaly

86.9265, 93.7774, 94.4082

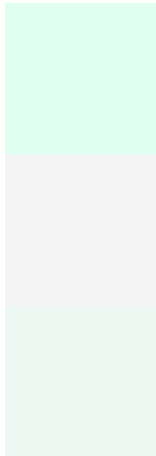
Deuteranomaly

87.6653, 93.5770, 99.8279

Tritanomaly

86.3446, 93.7294, 103.9832

Monochromacy



Original Color

82.6885, 93.8784, 96.9813

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

84.6701, 91.6104, 98.0140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6885, 93.8784, 96.9813 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(225, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 241)  
}
```

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(225, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 82.6885, 93.8784, 96.9813 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(225, 255, 241) }
```


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

```
.border{ border-color:rgb(225, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6885, 93.8784, 96.9813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 241) }
```

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

```
.background{ background-color: rgb(225,  
255, 241) }
```

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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