

Converting Colors

XYZ(82.8753, 93.9597, 97.6667)

Have a look what the booklet for
XYZ(82.8753, 93.9597, 97.6667)
contains.

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Color

**XYZ(82.8383, 93.9384,
97.7703)**

Conversions

Conversions Part 1

Format	Color
Hex	E1FFF2
RGB	225, 255, 242
RGB Percent	88%, 100%, 95%
CMY	0.1176, 0.0000, 0.0510
CMYK	0.12, 0.00, 0.05, 0.00
HSL	154°, 100%, 94%
HSV	154°, 12%, 100%
XYZ	82.8383, 93.9384, 97.7703
YIQ	244.5480, -13.7070, -10.4030

Conversions

Conversions Part 2

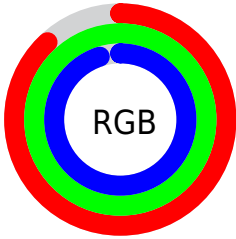
Format	Color
R _Y B	225, 244, 255
Decimal	14811122
CIE Lab	97.61, -12.08, 2.92
CIE LCh	98, 12.431, 166.396
Yxy	93.9384, 0.3017, 0.3422
Android (android.graphics.Color)	4293001202 (0xFFE1FFF2)
YUV	244.5480, -1.2562, -17.1436
Hunter-Lab	96.9218, -17.0507, 8.0362

Details

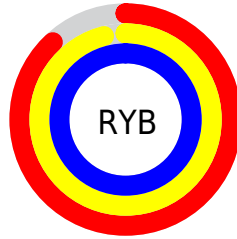
The XYZ color **82.8383, 93.9384, 97.7703** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.5982, 81.2843, 92.1720**, and the grayscale version is **86.4452, 90.9471, 99.0414**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6346, 52.4794, 54.1787** is the 20% darker color. If you saturate the color by 10%, you get **73.8637, 89.4977, 88.9482**, and if you desaturate by 10%, it is **93.1021, 99.0319, 107.1791**.

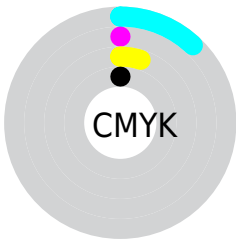
Distribution



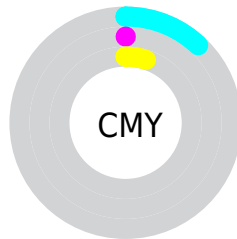
- Red (88%)
- Green (100%)
- Blue (95%)



- 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 82.8383, 93.9384, 97.7703 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 82.8383, 93.9384, 97.7703 by changing the saturation by 10% instead.


 82.8383, 93.9384,
97.7703

 82.8383, 93.9384,
97.7703


493.0395,
540.7608, 574.2056

 62.3732, 71.2517,
73.8333


136.2787,
152.7971, 160.1147

 45.5911, 52.5476,
54.1616

169.9847,
189.7380, 199.3592

 32.1265, 37.4418,
38.3368


208.8350,
232.1990, 244.5432

 21.6142, 25.5497,
25.9404

253.1951,
280.5647, 296.0853

 13.6887, 16.4871,
16.5537

303.4302,
335.2192, 354.4041

 7.9847, 9.8695,
9.7582

359.9058,

 4.1369, 5.3125,

396.5472, 419.9180

5.1354

422.9871,
464.9329, 493.0457

■ 1.7799, 2.4318,
2.2668

■ 0.5055, 0.8422,
0.7125

■ 82.8383, 93.9384,
97.7703

■ 82.8383, 93.9384,
97.7703

■ 73.8637, 89.4977,
88.9482

■ 93.1021, 99.0319,
107.1791

■ 66.1214, 85.6811,
80.6966

95.0500, 100.0000,
108.9000

■ 59.5543, 82.4590,
73.0048

■ 54.0993, 79.7993,
65.8603

■ 49.6870, 77.6665,
59.2497

■ 46.2402, 76.0208,
53.1593

■ 43.6700, 74.8168,
47.5742

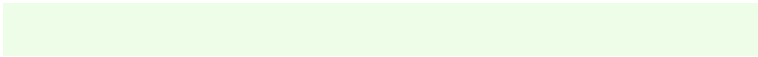
■ 41.8696, 73.9996,
42.4784

■ 40.8331, 73.5493,
38.6347

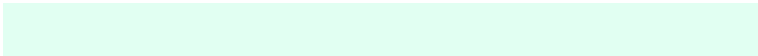
Harmonies

Analogous

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



84.4517, 93.9384, 89.4313



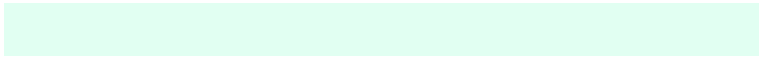
82.8383, 93.9384, 97.7703



82.9199, 93.9384, 107.8789

Triad

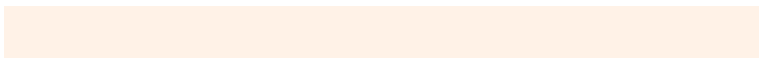
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8383, 93.9384, 97.7703



91.2188, 93.9384, 122.1258



94.0579, 93.9384, 88.8194

Complementary

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



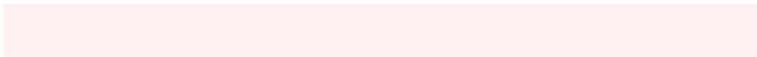
82.8383, 93.9384, 97.7703



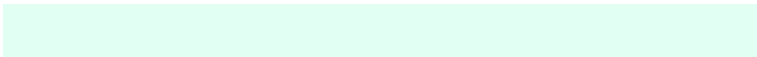
83.5982, 81.2843, 92.1720

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.



95.9691, 93.9384, 96.8839



82.8383, 93.9384, 97.7703



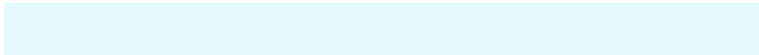
94.3006, 93.9384, 116.3103

Square

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



82.8383, 93.9384, 97.7703



87.6957, 93.9384, 122.4024



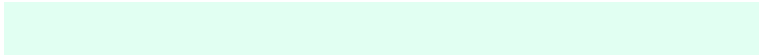
96.0591, 93.9384, 106.9324



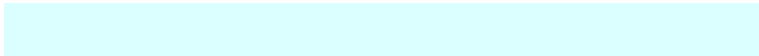
90.8946, 93.9384, 84.4986

Rectangle

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



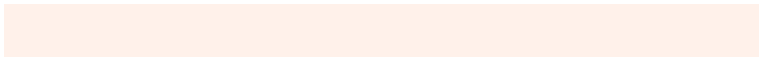
82.8383, 93.9384, 97.7703



83.9232, 93.9384, 114.2787



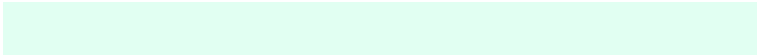
96.0591, 93.9384, 106.9324



94.8717, 93.9384, 91.1575

Sweetspot

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



82.8391, 93.9387, 97.7718



90.6929, 97.8351, 105.0244



84.6110, 95.1336, 85.1384



19.2417, 20.8562, 22.3258



0.0000, 0.0000, 0.0000



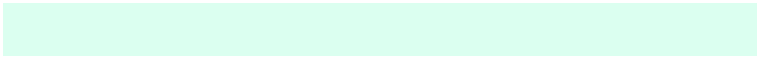
20.3446, 21.4041, 23.3091

Same Dimension

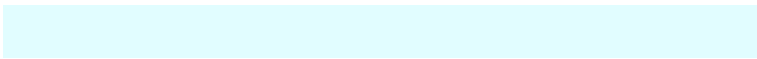
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8391, 93.9387, 97.7718



80.7224, 92.8901, 95.7486



84.2271, 93.4784, 108.2116



18.2028, 20.3407, 21.3711



21.4126, 38.4616, 20.5896



2.1397, 3.7668, 2.2936

Inverse Universe

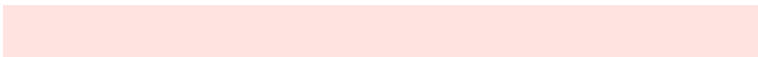
The Inverse Universe completely reimagines the original color for something new.



83.5982, 81.2843, 92.1720



81.6118, 78.0645, 89.1886



82.3003, 81.6353, 82.6548



18.3362, 18.1178, 20.3874



23.1050, 11.7313, 9.2034



2.3032, 1.1637, 1.1783

Previews

White Background



This preview shows how the XYZ color 82.8383, 93.9384, 97.7703 looks on a white background.

Color Contrast Check

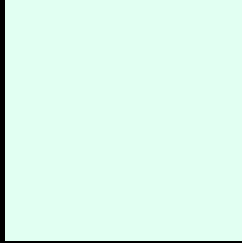
Large Text (above 18pt) WCAG AA × Fail

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 82.8383, 93.9384, 97.7703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

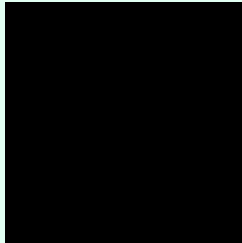
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

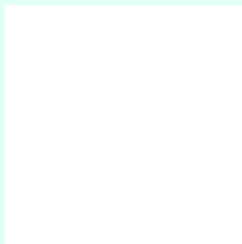
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.8383, 93.9384, 97.7703

Background



This preview shows how black text looks on a background with the XYZ color 82.8383, 93.9384, 97.7703.



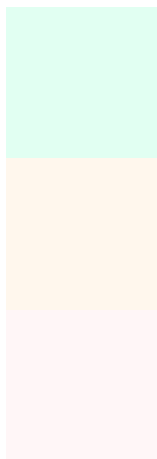
This preview shows how white text looks on a background with the XYZ color 82.8383, 93.9384,

97.7703.

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

82.8383, 93.9384, 97.7703

Protanopia

89.7868, 93.8960, 93.5122

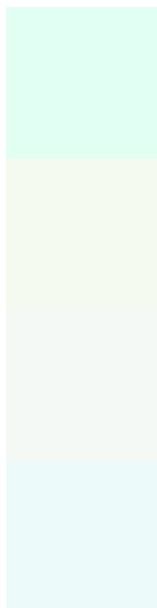
Deuteranopia

90.9843, 93.8869, 101.3223

Tritanopia

88.8878, 94.0260, 108.0717

Trichromacy



Original Color

82.8383, 93.9384, 97.7703

Protanomaly

87.0738, 93.8363, 95.1843

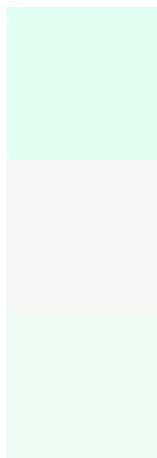
Deuteranomaly

87.6653, 93.5770, 99.8279

Tritanomaly

86.3446, 93.7294, 103.9832

Monochromacy



Original Color

82.8383, 93.9384, 97.7703

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.4647, 92.4602, 98.9301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8383, 93.9384, 97.7703 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 242) }
```

Border

The CSS property to change the border of an element to XYZ 82.8383, 93.9384, 97.7703 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, 242) }
```


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

```
.border{ border-color:rgb(225, 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(225, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 82.8383, 93.9384, 97.7703 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, 242) }
```

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

```
.background{ background-color: rgb(225,  
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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