

Converting Colors

XYZ(86.0147, 100.0000,
100.7917)

Have a look what the booklet for
XYZ(86.0147, 100.0000, 100.7917)
contains.

XYZ(82.9819, 93.9599, 100.1487)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.9819, 93.9599,
100.1487)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FFF5
RGB	224, 255, 245
RGB Percent	88%, 100%, 96%
CMY	0.1216, 0.0000, 0.0392
CMYK	0.12, 0.00, 0.04, 0.00
HSL	161°, 100%, 94%
HSV	161°, 12%, 100%
XYZ	82.9819, 93.9599, 100.1487
YIQ	244.5910, -15.2660, -9.6820

Conversions

Conversions Part 2

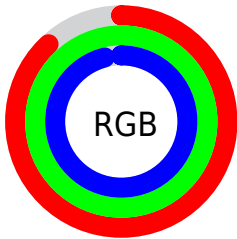
Format	Color
R_{YB}	224, 242, 255
Decimal	14745589
CIE _{Lab}	97.62, -11.84, 1.39
CIE _{LCh}	98, 11.925, 173.321
Yxy	93.9599, 0.2995, 0.3391
Android (android.graphics.Color)	4292935669 (0xFFE0FFF5)
YUV	244.5910, 0.2016, -18.0583
Hunter-Lab	96.9329, -16.8231, 6.5961

Details

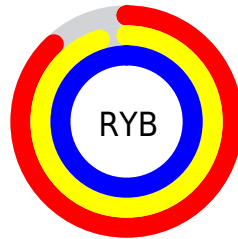
The XYZ color **82.9819, 93.9599, 100.1487** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.7475, 80.5128, 89.0212**, and the grayscale version is **86.4693, 90.9725, 99.0690**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7416, 52.4973, 55.8663** is the 20% darker color. If you saturate the color by 10%, you get **74.4347, 89.6955, 93.3400**, and if you desaturate by 10%, it is **92.7718, 98.8584, 107.3099**.

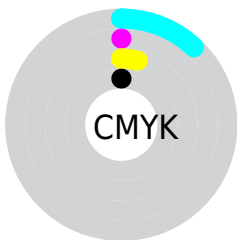
Distribution



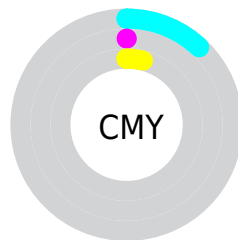
- Red (88%)
- Green (100%)
- Blue (96%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9819, 93.9599, 100.1487 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 82.9819, 93.9599, 100.1487 by changing the saturation by 10% instead.

82.9819, 93.9599,
100.1487

82.9819, 93.9599,
100.1487

493.5110,
540.8298, 581.9201

62.4921, 71.2696,
75.8072

136.4788,
152.8269, 163.4152

45.6875, 52.5622,
55.7687

170.2165,
189.7724, 203.1772

32.2029, 37.4534,
39.6147

209.1010,
232.2383, 248.9164

21.6728, 25.5588,
26.9268

253.4975,
280.6092, 301.0514

13.7319, 16.4938,
17.2863

303.7714,
335.2694, 360.0008

8.0149, 9.8743,
10.2747

360.2880,

4.1564, 5.3157,

396.6034, 426.1830

5.4735

423.4128,
464.9953, 500.0165

■ 1.7910, 2.4336,
2.4641

■ 0.5122, 0.8431,
0.8211

■ 82.9819, 93.9599,
100.1487

■ 82.9819, 93.9599,
100.1487

■ 74.4347, 89.6955,
93.3400

■ 92.7718, 98.8584,
107.3099

■ 67.0744, 86.0366,
86.8730

95.0500, 100.0000,
108.9000

■ 60.8445, 82.9542,
80.7427

■ 55.6829, 80.4164,
74.9425

■ 51.5213, 78.3879,
69.4650

■ 48.2830, 76.8294,
64.3026

■ 45.8800, 75.6956,
59.4472

■ 44.2058, 74.9317,
54.8893

■ 43.2789, 74.5275,
51.5138

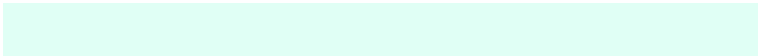
Harmonies

Analogous

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



84.1754, 93.9599, 91.5468



82.9819, 93.9599, 100.1487



83.4481, 93.9599, 109.8827

Triad

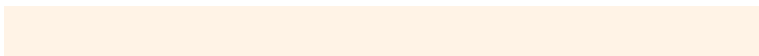
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9819, 93.9599, 100.1487



91.9138, 93.9599, 120.4408



93.2599, 93.9599, 88.0416

Complementary

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



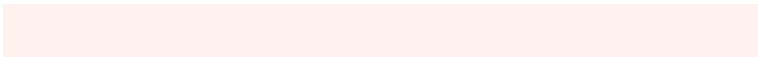
82.9819, 93.9599, 100.1487



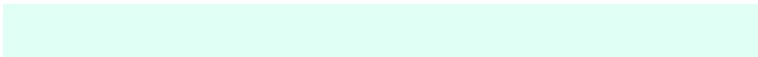
82.7475, 80.5128, 89.0212

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.



95.4319, 93.9599, 95.0865



82.9819, 93.9599, 100.1487



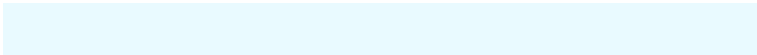
94.6410, 93.9599, 113.8775

Square

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



82.9819, 93.9599, 100.1487



88.5495, 93.9599, 122.0081



95.9437, 93.9599, 104.4948



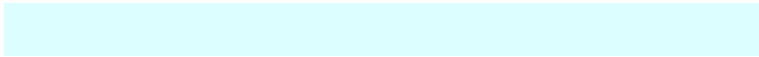
90.0670, 93.9599, 84.8486

Rectangle

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



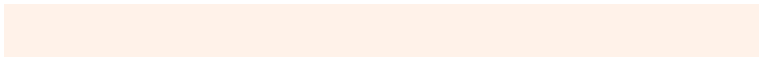
82.9819, 93.9599, 100.1487



84.6434, 93.9599, 115.6680



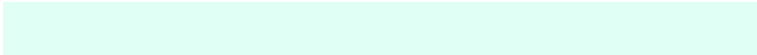
95.9437, 93.9599, 104.4948



94.1369, 93.9599, 90.0155

Sweetspot

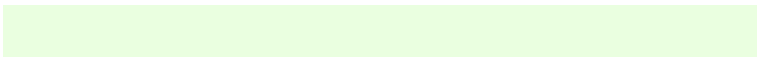
The Sweet Spot groups the original color and five complimentary colors.



82.9828, 93.9603, 100.1502



90.8712, 97.9064, 105.9632



83.2565, 94.4510, 84.3651



19.2869, 20.8742, 22.5636



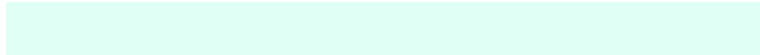
0.0000, 0.0000, 0.0000



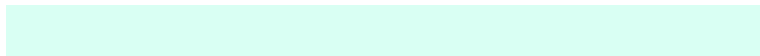
20.3446, 21.4041, 23.3091

Same Dimension

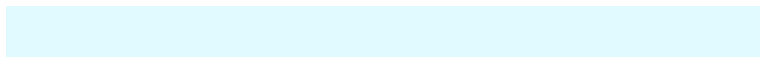
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.9828, 93.9603, 100.1502



80.4278, 92.6841, 98.1781



82.9250, 91.3355, 107.8666



18.2910, 20.3759, 21.8353



22.6854, 38.9708, 27.2925



2.2588, 3.8145, 2.9208

Inverse Universe

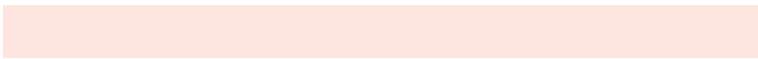
The Inverse Universe completely reimagines the original color for something new.



82.7475, 80.5128, 89.0212



80.1435, 76.4189, 84.7189



82.7607, 82.7737, 82.1373



18.2508, 18.0836, 19.9380



22.4097, 11.4532, 5.5419



2.2295, 1.1342, 0.7898

Previews

White Background



This preview shows how the XYZ color 82.9819, 93.9599, 100.1487 looks on a white background.

Color Contrast Check

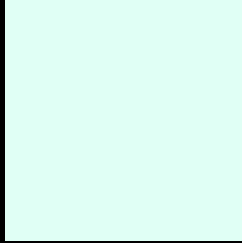
Large Text (above 18pt) WCAG AA × Fail

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 82.9819, 93.9599, 100.1487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

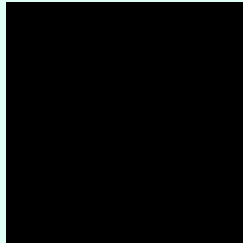
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

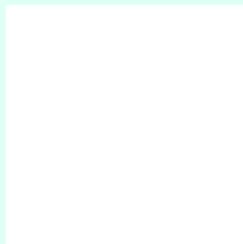
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.9819, 93.9599, 100.1487

Background



This preview shows how black text looks on a background with the XYZ color 82.9819, 93.9599, 100.1487.

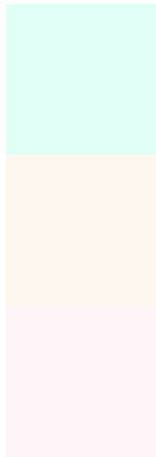


This preview shows how white text looks on a background with the XYZ color 82.9819, 93.9599,

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

82.9819, 93.9599, 100.1487

Protanopia

89.8620, 93.8836, 95.8232

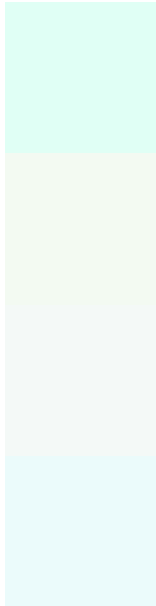
Deuteranopia

90.8357, 93.3421, 102.0362

Tritanopia

88.5436, 93.8486, 108.0556

Trichromacy



Original Color

82.9819, 93.9599, 100.1487

Protanomaly

87.1748, 93.8367, 97.5221

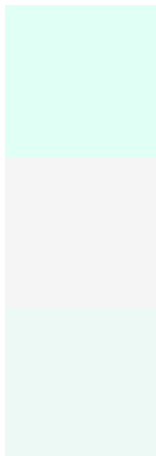
Deuteranomaly

87.9724, 93.6999, 101.4449

Tritanomaly

86.1707, 93.6216, 104.7959

Monochromacy



Original Color

82.9819, 93.9599, 100.1487

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.2822, 92.3485, 99.7164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9819, 93.9599, 100.1487 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(224, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 245)  
}
```

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(224, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 245) }
```

Border

The CSS property to change the border of an element to XYZ 82.9819, 93.9599, 100.1487 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(224, 255, 245) }
```


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

```
.border{ border-color:rgb(224, 255, 245) }
```

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

Here you see how a box with a 4 pixel rgb(224, 255, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9819, 93.9599, 100.1487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 245) }
```

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

```
.background{ background-color: rgb(224,  
255, 245) }
```

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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