

Converting Colors

XYZ(82.5407, 93.8124, 96.5132)

Have a look what the booklet for
XYZ(82.5407, 93.8124, 96.5132)
contains.

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Color

**XYZ(82.5395, 93.8188,
96.1966)**

Conversions

Conversions Part 1

Format	Color
Hex	E1FFF0
RGB	225, 255, 240
RGB Percent	88%, 100%, 94%
CMY	0.1176, 0.0000, 0.0588
CMYK	0.12, 0.00, 0.06, 0.00
HSL	150°, 100%, 94%
HSV	150°, 12%, 100%
XYZ	82.5395, 93.8188, 96.1966
YIQ	244.3200, -13.0650, -11.0250

Conversions

Conversions Part 2

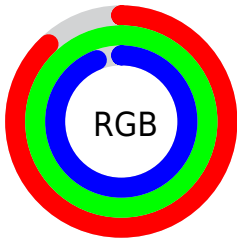
Format	Color
R _Y B	225, 245, 255
Decimal	14811120
CIE Lab	97.56, -12.45, 3.88
CIE LCh	98, 13.041, 162.683
Yxy	93.8188, 0.3028, 0.3442
Android (android.graphics.Color)	4293001200 (0xFFE1FFF0)
YUV	244.3200, -2.1298, -16.9436
Hunter-Lab	96.8601, -17.3961, 8.9182

Details

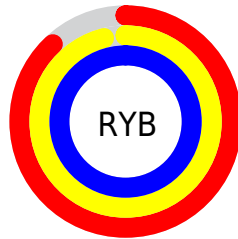
The XYZ color **82.5395, 93.8188, 96.1966** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.8939, 81.4027, 93.7287**, and the grayscale version is **86.2689, 90.7615, 98.8393**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4234, 52.3949, 53.0666** is the 20% darker color. If you saturate the color by 10%, you get **73.3466, 89.2909, 86.2251**, and if you desaturate by 10%, it is **93.0544, 99.0128, 106.9276**.

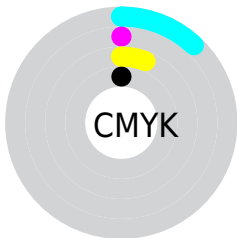
Distribution



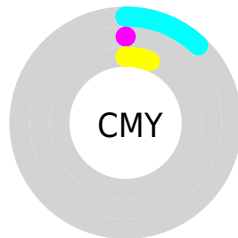
- Red (88%)
- Green (100%)
- Blue (94%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5395, 93.8188, 96.1966 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 82.5395, 93.8188, 96.1966 by changing the saturation by 10% instead.

82.5395, 93.8188,
96.1966

82.5395, 93.8188,
96.1966

492.0577,
540.3765, 569.0706

62.1260, 71.1523,
72.5289

135.8622,
152.6317, 157.9265

45.3905, 52.4665,
53.1014

169.5020,
189.5469, 196.8258

31.9677, 37.3770,
37.4954

208.2814,
231.9804, 241.6394

21.4922, 25.4995,
25.2925

252.5655,
280.3166, 292.7858

13.5988, 16.4496,
16.0741

302.7199,
334.9399, 350.6836

7.9220, 9.8429,
9.4217

359.1098,

4.0965, 5.2949,

396.2348, 415.7513

4.9167

422.1006,
464.5855, 488.4075

■ 1.7568, 2.4213,
2.1406

■ 0.4915, 0.8368,
0.6398

■ 82.5395, 93.8188,
96.1966

■ 82.5395, 93.8188,
96.1966

■ 73.3466, 89.2909,
86.2251

■ 93.0544, 99.0128,
106.9276

■ 65.4180, 85.3997,
76.9918

95.0500, 100.0000,
108.9000

■ 58.6953, 82.1154,
68.4809

■ 53.1145, 79.4054,
60.6743

■ 48.6052, 77.2338,
53.5529

■ 45.0890, 75.5603,
47.0969

■ 42.4757, 74.3391,
41.2851

■ 40.6573, 73.5147,
36.0947

■ 39.6239, 73.0656,
32.2673

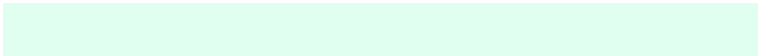
Harmonies

Analogous

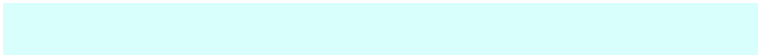
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4270, 93.8188, 87.8705



82.5395, 93.8188, 96.1966



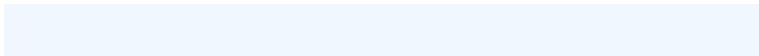
82.3979, 93.8188, 106.6999

Triad

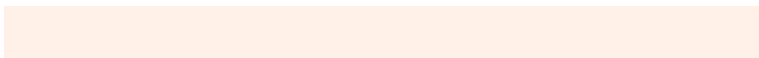
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5395, 93.8188, 96.1966



90.7459, 93.8188, 123.3882



94.5145, 93.8188, 88.9304

Complementary

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



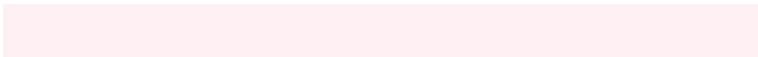
82.5395, 93.8188, 96.1966



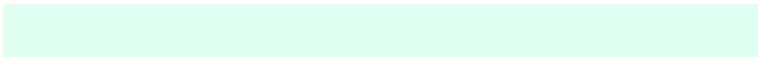
83.8939, 81.4027, 93.7287

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.



96.3075, 93.8188, 97.7366



82.5395, 93.8188, 96.1966



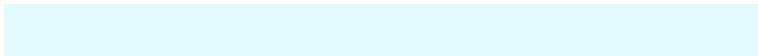
94.0915, 93.8188, 117.9043

Square

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



82.5395, 93.8188, 96.1966



87.0672, 93.8188, 122.9043



96.1505, 93.8188, 108.3498



91.3103, 93.8188, 83.8792

Rectangle

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



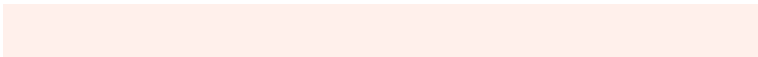
82.5395, 93.8188, 96.1966



83.3068, 93.8188, 113.5758



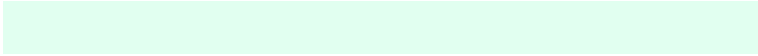
96.1505, 93.8188, 108.3498



95.3062, 93.8188, 91.5225

Sweetspot

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



82.5404, 93.8192, 96.1981



90.5861, 97.7924, 104.4620



85.2864, 95.4818, 85.1702



19.2147, 20.8454, 22.1835



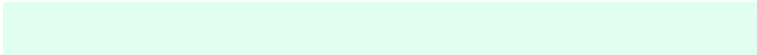
0.0000, 0.0000, 0.0000



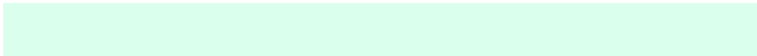
20.3446, 21.4041, 23.3091

Same Dimension

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



82.5404, 93.8192, 96.1981



80.3719, 92.7499, 93.9030



84.8619, 94.7478, 108.4232



18.1504, 20.3197, 21.0950



20.7797, 38.2085, 17.2572



2.0784, 3.7423, 1.9705

Inverse Universe

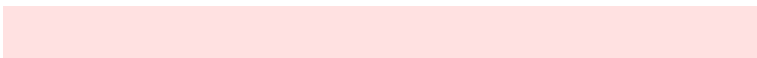
The Inverse Universe completely reimagines the original color for something new.



83.8939, 81.4027, 93.7287



81.9577, 78.2028, 91.0099



81.7566, 80.5478, 82.4737



18.3882, 18.1386, 20.6612



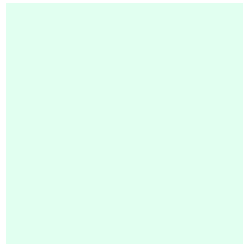
23.6426, 11.9463, 12.0344



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 82.5395, 93.8188, 96.1966 looks on a white background.

Color Contrast Check

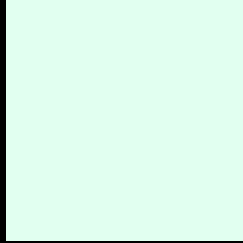
Large Text (above 18pt) WCAG AA × Fail

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 82.5395, 93.8188, 96.1966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

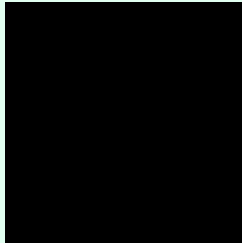
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

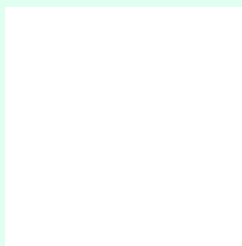
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.5395, 93.8188, 96.1966

Background



This preview shows how black text looks on a background with the XYZ color 82.5395, 93.8188, 96.1966.



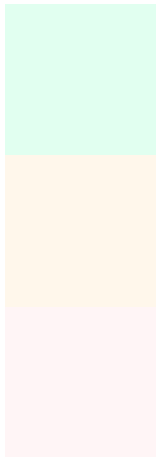
This preview shows how white text looks on a background with the XYZ color 82.5395, 93.8188,

96.1966.

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

82.5395, 93.8188, 96.1966

Protanopia

89.4962, 93.7797, 91.9816

Deuteranopia

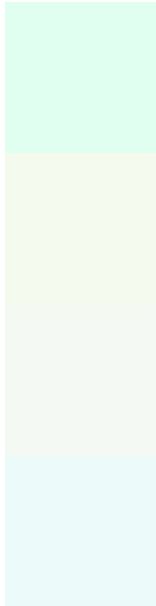
90.5270, 93.2186, 100.4105



Tritanopia

88.5436, 93.8486, 108.0556

Trichromacy



Original Color

82.5395, 93.8188, 96.1966

Protanomaly

86.7799, 93.7187, 93.6365

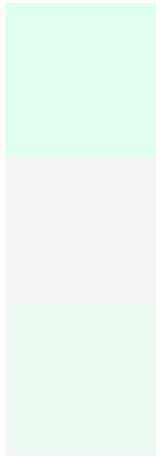
Deuteranomaly

87.5130, 93.5161, 99.0259

Tritanomaly

86.3446, 93.7294, 103.9832

Monochromacy



Original Color

82.5395, 93.8188, 96.1966

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 82.5395, 93.8188, 96.1966 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 240) }
```

Border

The CSS property to change the border of an element to XYZ 82.5395, 93.8188, 96.1966 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, 240) }
```


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

```
.border{ border-color:rgb(225, 255, 240) }
```

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, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5395, 93.8188, 96.1966 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, 240) }
```

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

```
.background{ background-color: rgb(225,  
255, 240) }
```

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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