

# Converting Colors

XYZ(79.3786, 92.4125, 85.9657)

Have a look what the booklet for  
XYZ(79.3786, 92.4125, 85.9657)  
contains.

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# Color

**XYZ(79.4439, 92.4382,  
86.3283)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDFFE3
RGB	221, 255, 227
RGB Percent	87%, 100%, 89%
CMY	0.1333, 0.0000, 0.1098
CMYK	0.13, 0.00, 0.11, 0.00
HSL	131°, 100%, 93%
HSV	131°, 13%, 100%
XYZ	79.4439, 92.4382, 86.3283
YIQ	241.6420, -11.2760, -15.9160

# Conversions

## Conversions Part 2

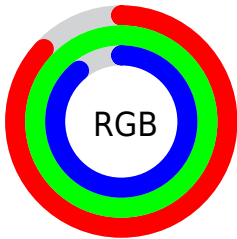
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 250, 255
Decimal	14548963
CIE Lab	97.00, -16.08, 9.72
CIE LCh	97, 18.785, 148.850
Yxy	92.4382, 0.3077, 0.3580
Android (android.graphics.Color)	4292739043 (0xFFDDFFE3)
YUV	241.6420, -7.2185, -18.1030
Hunter-Lab	96.1448, -20.7598, 14.0649

# Details

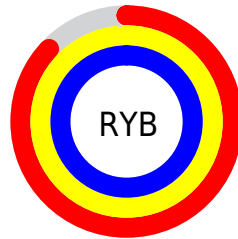
The XYZ color **79.4439, 92.4382, 86.3283** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84.1956, 79.8132, 100.5900**, and the grayscale version is **84.1763, 88.5600, 96.4418**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3664, 51.4737, 46.6795** is the 20% darker color. If you saturate the color by 10%, you get **69.5364, 87.6454, 71.6465**, and if you desaturate by 10%, it is **90.8857, 97.9810, 102.9301**.

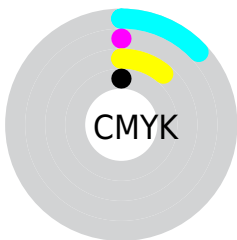
# Distribution



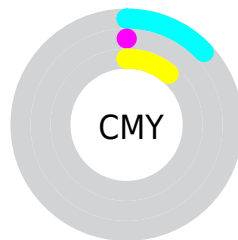
- Red (87%)
- Green (100%)
- Blue (89%)



- Red (87%)
- Yellow (98%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)




- Cyan (13%)
- Magenta (0%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4439, 92.4382, 86.3283 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 79.4439, 92.4382, 86.3283 by changing the saturation by 10% instead.




 79.4439, 92.4382,  
86.3283

 79.4439, 92.4382,  
86.3283


481.8219,  
535.9307, 536.2719

 59.5677, 70.0046,  
64.3830


131.5382,  
150.7206, 144.1181

 43.3184, 51.5303,  
46.5128


164.4871,  
187.3382, 180.7998

 30.3307, 36.6308,  
32.2991


202.5243,  
229.4526, 223.2306

 20.2390, 24.9218,  
21.3233

246.0151,  
277.4483, 271.8292

 12.6782, 16.0188,  
13.1670

295.3249,  
331.7095, 327.0141

 7.2828, 9.5375,  
7.4116

350.8191,

 3.6875, 5.0934,

392.6207, 389.2038

3.6385

412.8630,  
460.5663, 458.8169

■ 1.5269, 2.3022,  
1.4292

■ 0.3440, 0.7748,  
0.1643

■ 79.4439, 92.4382,  
86.3283

■ 79.4439, 92.4382,  
86.3283

■ 69.5364, 87.6454,  
71.6465

■ 90.8857, 97.9810,  
102.9301

■ 61.0952, 83.5691,  
58.8111

95.0500, 100.0000,  
108.9000

■ 54.0506, 80.1750,  
47.7503

■ 48.3262, 77.4253,  
38.3859

■ 43.8383, 75.2787,  
30.6337

■ 40.4932, 73.6887,  
24.4025

■ 38.1837, 72.6022,  
19.5917

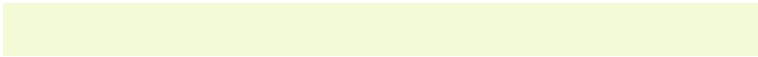
■ 36.7808, 71.9550,  
16.0887

■ 36.2338, 71.7095,  
14.4148

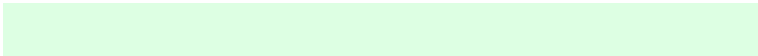
# Harmonies

## Analogous

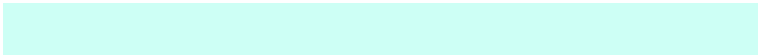
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.0454, 92.4382, 77.2424



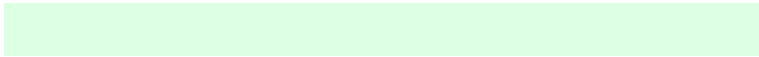
79.4439, 92.4382, 86.3283



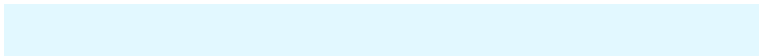
78.0831, 92.4382, 100.0663

# Triad

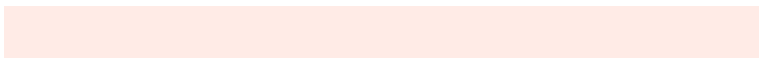
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4439, 92.4382, 86.3283



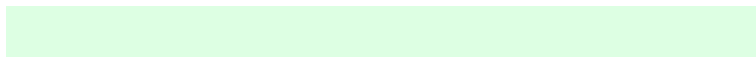
87.6559, 92.4382, 132.6531



97.0678, 92.4382, 87.2452

# Complementary

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



79.4439, 92.4382, 86.3283



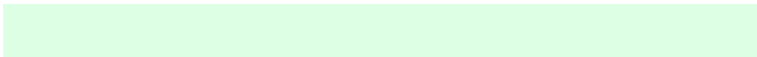
84.1956, 79.8132, 100.5900

# 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.



98.4202, 92.4382, 101.2350



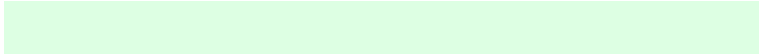
79.4439, 92.4382, 86.3283



92.8566, 92.4382, 128.3636

# Square

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



79.4439, 92.4382, 86.3283



82.7055, 92.4382, 127.6776



96.8499, 92.4382, 116.4729

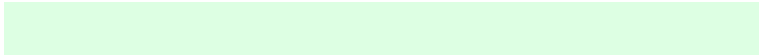


93.2238, 92.4382, 77.7332



# Rectangle

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



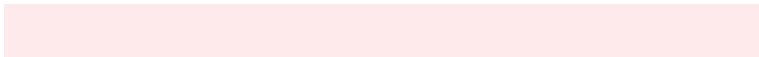
79.4439, 92.4382, 86.3283



78.5862, 92.4382, 110.3518



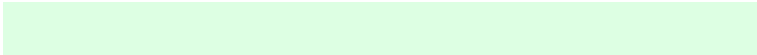
96.8499, 92.4382, 116.4729



97.8355, 92.4382, 91.5332

# Sweetspot

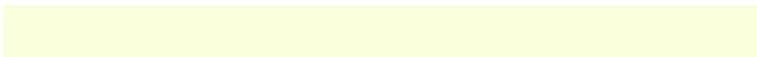
The Sweet Spot groups the original color and five complimentary colors.



79.4447, 92.4385, 86.3297



90.0733, 97.5873, 101.7614



87.9973, 96.9416, 82.4813



19.0852, 20.7936, 21.5014



0.0000, 0.0000, 0.0000

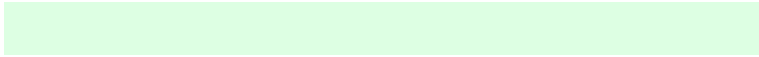


20.3446, 21.4041, 23.3091

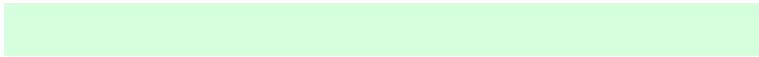


# Same Dimension

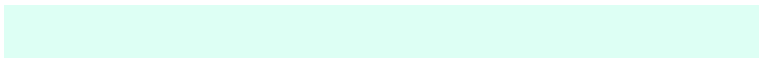
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4447, 92.4385, 86.3297



76.6546, 91.0881, 82.2287



81.8579, 93.4038, 99.0376



17.9024, 20.2205, 19.7891



18.9706, 37.4848, 7.7303



1.8812, 3.6634, 0.9323



# Inverse Universe

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



84.1956, 79.8132, 100.5900



82.2493, 76.2193, 99.0204



81.7099, 78.8189, 87.5001



18.6470, 18.2421, 22.0241



27.6770, 13.5601, 33.2792

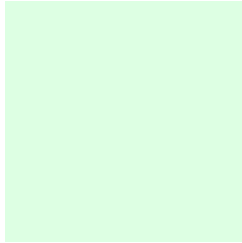


2.7293, 1.3341, 3.4217



# Previews

## White Background



This preview shows how the XYZ color 79.4439, 92.4382, 86.3283 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

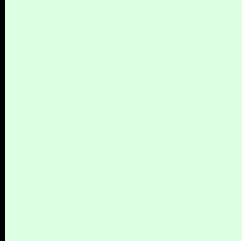
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.4439, 92.4382, 86.3283 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

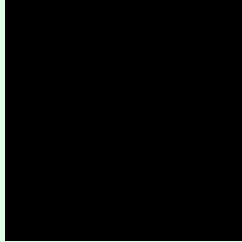
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

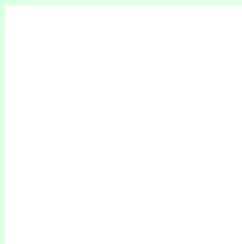
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 79.4439, 92.4382, 86.3283**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.4439, 92.4382, 86.3283.



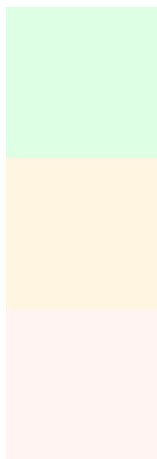
This preview shows how white text looks on a background with the XYZ color 79.4439, 92.4382,

86.3283.

# 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

79.4439, 92.4382, 86.3283

### Protanopia

87.3470, 91.9466, 83.6648

### Deuteranopia

89.6177, 92.3722, 97.1107



## **Tritanopia**

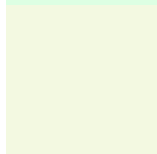
86.9074, 92.0923, 107.8028

# Trichromacy



## Original Color

79.4439, 92.4382, 86.3283



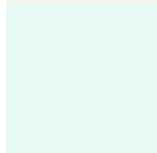
## Protanomaly

84.4284, 92.2423, 84.5889



## Deuteranomaly

85.8156, 92.3039, 93.4142



## Tritanomaly

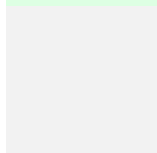
83.9457, 92.1196, 99.7426

# Monochromacy



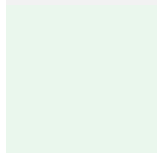
## Original Color

79.4439, 92.4382, 86.3283



## Achromatopsia

84.3971, 88.7923, 96.6948



## Achromatomaly

82.4785, 90.1284, 93.1702

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.4439, 92.4382, 86.3283 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(221, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 227)  
}
```

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(221, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 227) }
```

## Border

The CSS property to change the border of an element to XYZ 79.4439, 92.4382, 86.3283 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(221, 255, 227) }
```



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

```
.border{ border-color:rgb(221, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
227) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.4439, 92.4382, 86.3283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 227) }
```

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

```
.background{ background-color: rgb(221,  
255, 227) }
```

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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