

# Converting Colors

XYZ(128.8802, 192.1946,  
92.9752)

Have a look what the booklet for  
XYZ(128.8802, 192.1946, 92.9752)  
contains.

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# Color

**XYZ(79.1343, 92.4928,  
76.6329)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2FFD5
RGB	226, 255, 213
RGB Percent	89%, 100%, 84%
CMY	0.1137, 0.0000, 0.1647
CMYK	0.11, 0.00, 0.16, 0.00
HSL	101°, 100%, 92%
HSV	101°, 16%, 100%
XYZ	79.1343, 92.4928, 76.6329
YIQ	241.5410, -3.8020, -19.2100

# Conversions

## Conversions Part 2

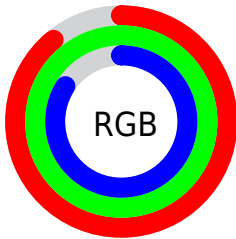
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 255, 242
Decimal	14876629
CIE Lab	97.02, -16.78, 16.96
CIE LCh	97, 23.863, 134.699
Yxy	92.4928, 0.3188, 0.3726
Android (android.graphics.Color)	4293066709 (0xFFE2FFD5)
YUV	241.5410, -14.0707, -13.6295
Hunter-Lab	96.1732, -21.4277, 20.0776

# Details

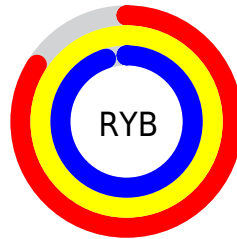
The XYZ color **79.1343, 92.4928, 76.6329** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.4630, 73.6869, 104.6953**, and the grayscale version is **84.1447, 88.5267, 96.4056**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9432, 51.4028, 40.0061** is the 20% darker color. If you saturate the color by 10%, you get **70.9069, 88.5965, 60.6597**, and if you desaturate by 10%, it is **88.4391, 96.8858, 95.3158**.

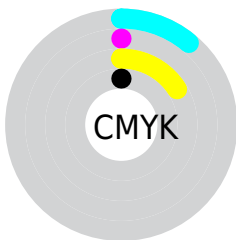
# Distribution



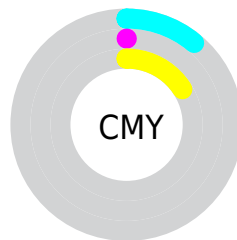
- Red (89%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (95%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1343, 92.4928, 76.6329 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 79.1343, 92.4928, 76.6329 by changing the saturation by 10% instead.




 79.1343, 92.4928,  
76.6329

 79.1343, 92.4928,  
76.6329


480.7916,  
536.1069, 502.9159

 59.3122, 70.0500,  
56.4419


131.1048,  
150.7962, 130.3894

 43.1119, 51.5673,  
40.1509


163.9840,  
187.4256, 164.7920

 30.1678, 36.6603,  
27.3416


201.9463,  
229.5527, 204.7688

 20.1147, 24.9446,  
17.5952

245.3571,  
277.5619, 250.7385

 12.5872, 16.0358,  
10.4933

294.5816,  
331.8375, 303.1195

 7.2199, 9.5495,  
5.6174

349.9853,

 3.6476, 5.1013,

392.7639, 362.3303

2.5489

411.9336,  
460.7256, 428.7896

■ 1.5048, 2.3068,  
0.8659

■ 0.3291, 0.7773,  
0.0000

■ 79.1343, 92.4928,  
76.6329

■ 79.1343, 92.4928,  
76.6329

■ 70.9069, 88.5965,  
60.6597

■ 88.4391, 96.8858,  
95.3158

■ 63.7141, 85.1775,  
47.2662

95.0500, 100.0000,  
108.9000

■ 57.5131, 82.2166,  
36.3182

■ 52.2571, 79.6931,  
27.6676

■ 47.8952, 77.5842,  
21.1502

■ 44.3712, 75.8650,  
16.5801

■ 41.6210, 74.5073,  
13.7393

■ 39.5687, 73.4778,  
12.3557

■ 38.9785, 73.1792,  
12.0706

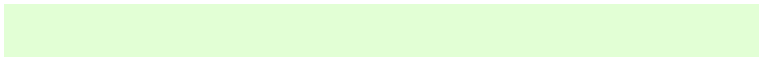
# Harmonies

## Analogous

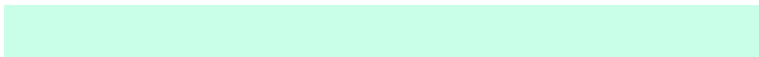
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6742, 92.4928, 68.9932



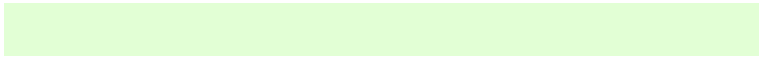
79.1343, 92.4928, 76.6329



76.0303, 92.4928, 91.2576

# Triad

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



79.1343, 92.4928, 76.6329



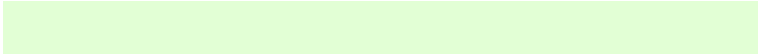
84.5464, 92.4928, 140.7770



101.0090, 92.4928, 91.6096

# Complementary

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



79.1343, 92.4928, 76.6329



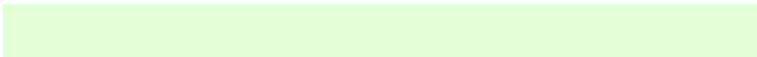
78.4630, 73.6869, 104.6953

# Split Complementary

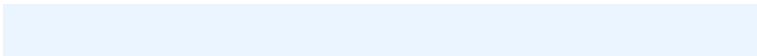
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.9705, 92.4928, 110.7913



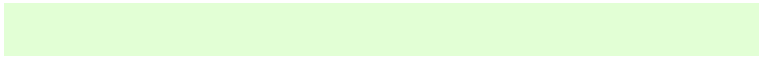
79.1343, 92.4928, 76.6329



91.2306, 92.4928, 140.9028

# Square

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



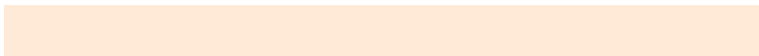
79.1343, 92.4928, 76.6329



79.0449, 92.4928, 129.0389



97.3151, 92.4928, 129.3634

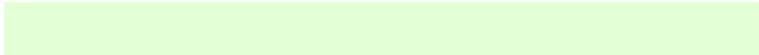


97.4179, 92.4928, 76.8622

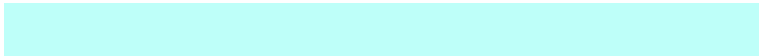


# Rectangle

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



79.1343, 92.4928, 76.6329



75.6547, 92.4928, 103.7704



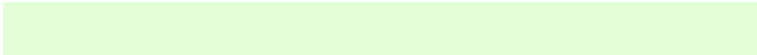
97.3151, 92.4928, 129.3634



101.4257, 92.4928, 97.7083

# Sweetspot

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



79.1350, 92.4932, 76.6343



89.8996, 97.5742, 98.2969



84.9136, 89.3904, 75.7309



19.0921, 20.8141, 20.7329



0.0000, 0.0000, 0.0000

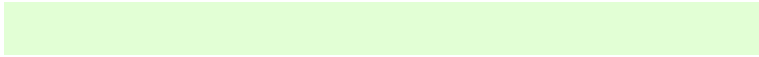


20.3446, 21.4041, 23.3091

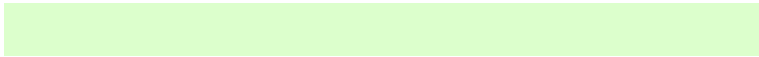


# Same Dimension

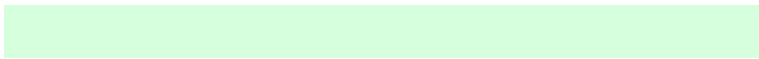
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1350, 92.4932, 76.6343



76.1094, 91.0618, 70.6920



76.2126, 90.8710, 81.7215



18.3004, 20.4408, 19.1253



20.5007, 38.3066, 6.3134



2.1024, 3.7846, 0.6197



# Inverse Universe

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



78.4630, 73.6869, 104.6953



75.3119, 68.7938, 103.9169



81.8697, 75.5835, 98.5130



18.2135, 18.0018, 22.7647



18.9557, 8.6825, 50.1114

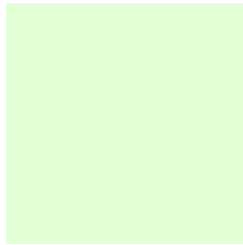


1.9578, 0.9032, 4.8844



# Previews

## White Background



This preview shows how the XYZ color 79.1343, 92.4928, 76.6329 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

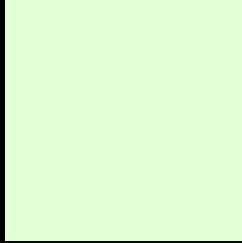
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.1343, 92.4928, 76.6329 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

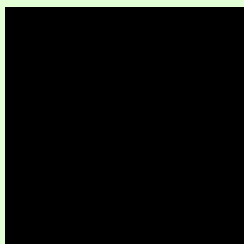
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

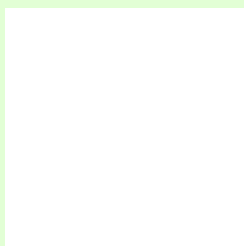
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 79.1343, 92.4928, 76.6329**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.1343, 92.4928, 76.6329.



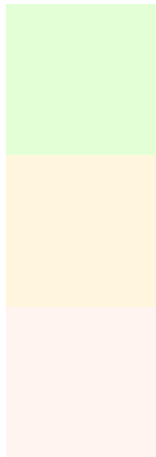
This preview shows how white text looks on a background with the XYZ color 79.1343, 92.4928,

76.6329.

# 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

79.1343, 92.4928, 76.6329

### Protanopia

87.2469, 92.3920, 81.6416

### Deuteranopia

89.1707, 92.1934, 94.7567



## Tritanopia

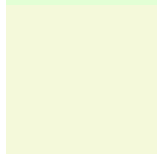
87.5864, 92.4423, 107.8346

# Trichromacy



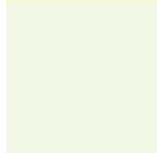
## Original Color

79.1343, 92.4928, 76.6329



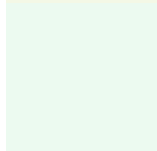
## Protanomaly

83.8388, 92.0464, 79.6776



## Deuteranomaly

85.1586, 92.0811, 88.1480



## Tritanomaly

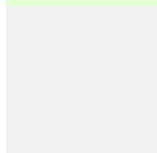
84.5059, 92.4954, 95.8375

# Monochromacy



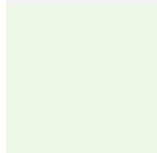
## Original Color

79.1343, 92.4928, 76.6329



## Achromatopsia

84.3971, 88.7923, 96.6948



## Achromatomaly

82.2766, 90.1239, 88.6605

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.1343, 92.4928, 76.6329 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(226, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 213)  
}
```

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(226, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 213) }
```

## Border

The CSS property to change the border of an element to XYZ 79.1343, 92.4928, 76.6329 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(226, 255, 213) }
```



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

```
.border{ border-color:rgb(226, 255, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 255, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
213) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.1343, 92.4928, 76.6329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 213) }
```

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

```
.background{ background-color: rgb(226,  
255, 213) }
```

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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