

Converting Colors

XYZ(78.9912, 92.3954, 77.6952)

Have a look what the booklet for
XYZ(78.9912, 92.3954, 77.6952)
contains.

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Color

**XYZ(79.0771, 92.4338,
77.9637)**

Conversions

Conversions Part 1

Format	Color
Hex	E1FFD7
RGB	225, 255, 215
RGB Percent	88%, 100%, 84%
CMY	0.1176, 0.0000, 0.1569
CMYK	0.12, 0.00, 0.16, 0.00
HSL	105°, 100%, 92%
HSV	105°, 16%, 100%
XYZ	79.0771, 92.4338, 77.9637
YIQ	241.4700, -5.0400, -18.8000

Conversions

Conversions Part 2

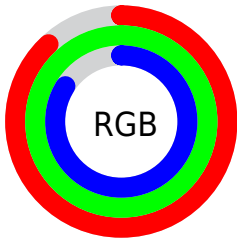
Format	Color
R_{YB}	215, 255, 245
Decimal	14811095
CIE _{Lab}	97.00, -16.79, 15.90
CIE _{LCh}	97, 23.125, 136.573
Yxy	92.4338, 0.3170, 0.3705
Android (android.graphics.Color)	4293001175 (0xFFE1FFD7)
YUV	241.4700, -13.0497, -14.4442
Hunter-Lab	96.1425, -21.4333, 19.2204

Details

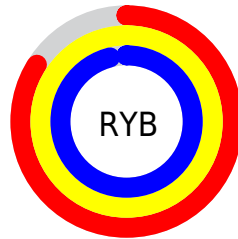
The XYZ color **79.0771, 92.4338, 77.9637** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.0074, 75.2345, 104.9126**, and the grayscale version is **84.0815, 88.4603, 96.3333**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9014, 51.3612, 40.9103** is the 20% darker color. If you saturate the color by 10%, you get **70.4192, 88.3201, 61.7664**, and if you desaturate by 10%, it is **88.9150, 97.0969, 96.8849**.

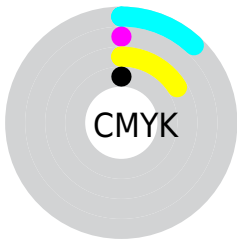
Distribution



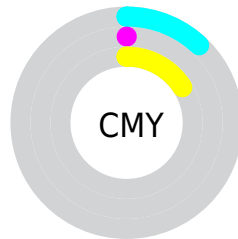
- Red (88%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (96%)



- Cyan (12%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0771, 92.4338, 77.9637 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 79.0771, 92.4338, 77.9637 by changing the saturation by 10% instead.


 79.0771, 92.4338,
77.9637

 79.0771, 92.4338,
77.9637


480.6012,
535.9165, 507.5682

 59.2651, 70.0010,
57.5279


131.0248,
150.7145, 132.2844

 43.0737, 51.5273,
41.0170


163.8911,
187.3312, 167.0063

 30.1377, 36.6285,
28.0126


201.8395,
229.4446, 207.3273

 20.0917, 24.9200,
18.0960

245.2354,
277.4391, 253.6660

 12.5704, 16.0174,
10.8488

294.4442,
331.6992, 306.4409

 7.2083, 9.5365,
5.8524

349.8312,

 3.6402, 5.0927,

392.6092, 366.0705

2.6882

411.7617,
460.5535, 432.9735

■ 1.5007, 2.3018,
0.9375

■ 0.3263, 0.7746,
0.0000

■ 79.0771, 92.4338,
77.9637

■ 79.0771, 92.4338,
77.9637

■ 70.4192, 88.3201,
61.7664

■ 88.9150, 97.0969,
96.8849

■ 62.8937, 84.7339,
48.1634

95.0500, 100.0000,
108.9000

■ 56.4529, 81.6534,
37.0211

■ 51.0443, 79.0550,
28.1922

■ 46.6114, 76.9130,
21.5138

■ 43.0912, 75.1989,
16.8014

■ 40.4130, 73.8810,
13.8400

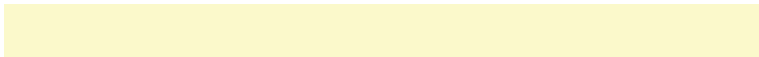
■ 38.4930, 72.9219,
12.3632

■ 37.8581, 72.6016,
12.0182

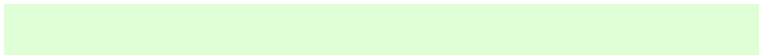
Harmonies

Analogous

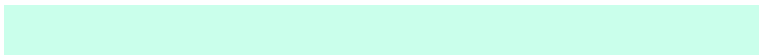
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3342, 92.4338, 70.0545



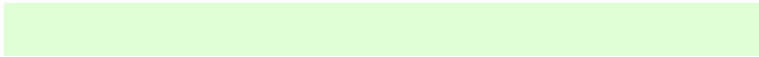
79.0771, 92.4338, 77.9637



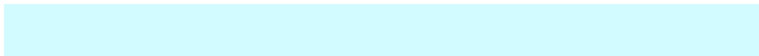
76.2372, 92.4338, 92.5501

Triad

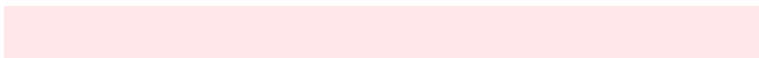
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0771, 92.4338, 77.9637



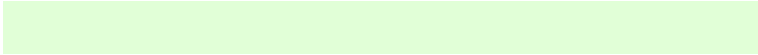
84.9817, 92.4338, 139.6834



100.4036, 92.4338, 90.7643

Complementary

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



79.0771, 92.4338, 77.9637



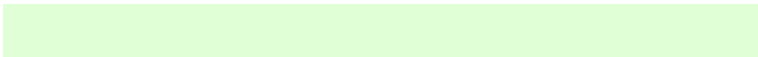
80.0074, 75.2345, 104.9126

Split Complementary

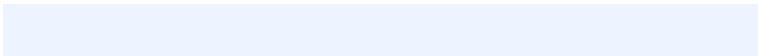
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.5981, 92.4338, 109.1980



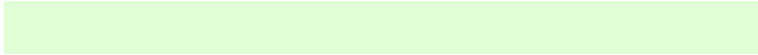
79.0771, 92.4338, 77.9637



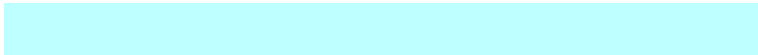
91.4736, 92.4338, 139.0506

Square

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



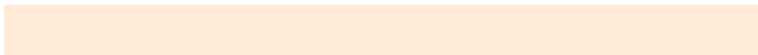
79.0771, 92.4338, 77.9637



79.5309, 92.4338, 128.9809



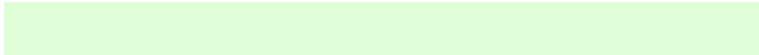
97.2608, 92.4338, 127.3462



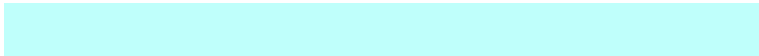
96.7418, 92.4338, 76.7959

Rectangle

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



79.0771, 92.4338, 77.9637



76.0011, 92.4338, 104.8032



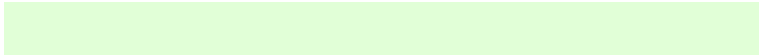
97.2608, 92.4338, 127.3462



100.8827, 92.4338, 96.5976

Sweetspot

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



79.0778, 92.4342, 77.9651



89.6336, 97.4371, 98.2844



86.1586, 91.4715, 77.4061



19.0276, 20.7809, 20.7299



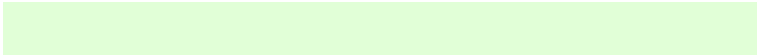
0.0000, 0.0000, 0.0000



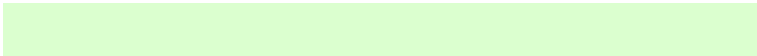
20.3446, 21.4041, 23.3091

Same Dimension

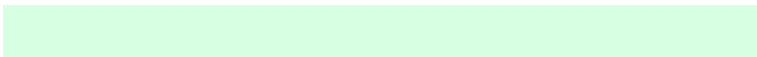
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0778, 92.4342, 77.9651



76.0795, 91.0108, 72.3005



77.3758, 91.4037, 84.7998



18.1970, 20.3875, 19.1204



19.8954, 37.9946, 6.2851



2.0319, 3.7483, 0.6164

Inverse Universe

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



80.0074, 75.2345, 104.9126



77.1773, 70.6626, 104.1793



82.0225, 76.4545, 96.8208



18.3231, 18.0583, 22.7698



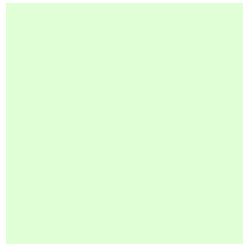
20.8352, 9.6514, 50.1994



2.1284, 0.9912, 4.8924

Previews

White Background



This preview shows how the XYZ color 79.0771, 92.4338, 77.9637 looks on a white background.

Color Contrast Check

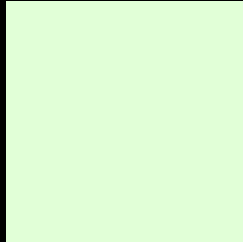
Large Text (above 18pt) WCAG AA × Fail

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 79.0771, 92.4338, 77.9637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

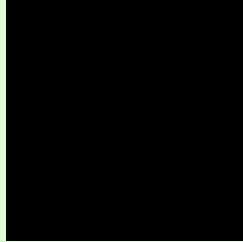
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

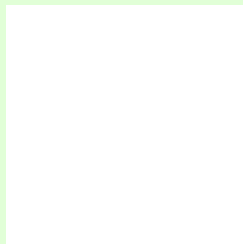
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0771, 92.4338, 77.9637

Background



This preview shows how black text looks on a background with the XYZ color 79.0771, 92.4338, 77.9637.



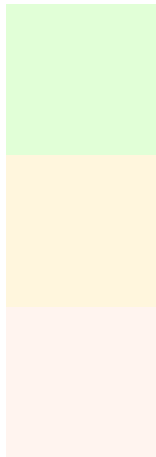
This preview shows how white text looks on a background with the XYZ color 79.0771, 92.4338,

77.9637.

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

79.0771, 92.4338, 77.9637

Protanopia

87.2469, 92.3920, 81.6416

Deuteranopia

89.1707, 92.1934, 94.7567

Tritanopia

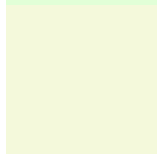
87.5864, 92.4423, 107.8346

Trichromacy



Original Color

79.0771, 92.4338, 77.9637



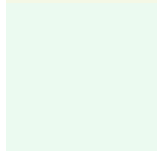
Protanomaly

83.9701, 92.0989, 80.3690



Deuteranomaly

85.1586, 92.0811, 88.1480



Tritanomaly

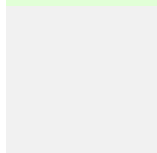
84.1747, 92.3247, 95.8220

Monochromacy



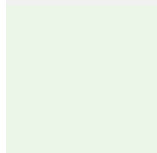
Original Color

79.0771, 92.4338, 77.9637



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.7822, 89.3999, 89.2895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0771, 92.4338, 77.9637 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 215) }
```

Border

The CSS property to change the border of an element to XYZ 79.0771, 92.4338, 77.9637 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, 215) }
```


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

```
.border{ border-color:rgb(225, 255, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 215);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0771, 92.4338, 77.9637 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, 215) }
```

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

```
.background{ background-color: rgb(225,  
255, 215) }
```

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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