

Converting Colors

XYZ(79.0503, 92.4319, 77.4271)

Have a look what the booklet for
XYZ(79.0503, 92.4319, 77.4271)
contains.

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Color

**XYZ(78.9489, 92.3826,
77.2889)**

Conversions

Conversions Part 1

Format	Color
Hex	E1FFD6
RGB	225, 255, 214
RGB Percent	88%, 100%, 84%
CMY	0.1176, 0.0000, 0.1608
CMYK	0.12, 0.00, 0.16, 0.00
HSL	104°, 100%, 92%
HSV	104°, 16%, 100%
XYZ	78.9489, 92.3826, 77.2889
YIQ	241.3560, -4.7190, -19.1110

Conversions

Conversions Part 2

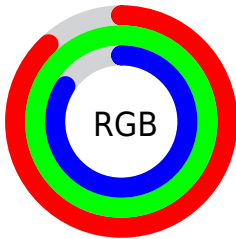
Format	Color
R_{YB}	214, 255, 244
Decimal	14811094
CIE _{Lab}	96.98, -16.96, 16.38
CIE _{LCh}	97, 23.577, 135.997
Yxy	92.3826, 0.3175, 0.3716
Android (android.graphics.Color)	4293001174 (0xFFE1FFD6)
YUV	241.3560, -13.4865, -14.3442
Hunter-Lab	96.1159, -21.5841, 19.6047

Details

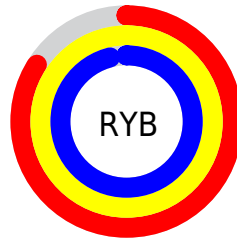
The XYZ color **78.9489, 92.3826, 77.2889** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.4057, 74.5474, 104.8117**, and the grayscale version is **83.9946, 88.3689, 96.2337**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8143, 51.3264, 40.4513** is the 20% darker color. If you saturate the color by 10%, you get **70.4401, 88.3434, 61.2006**, and if you desaturate by 10%, it is **88.6046, 96.9540, 96.0948**.

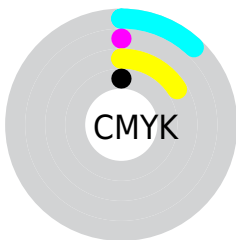
Distribution



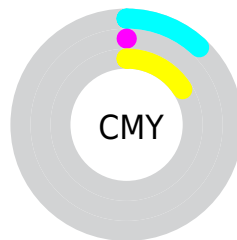
- Red (88%)
- Green (100%)
- Blue (84%)



- 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 78.9489, 92.3826, 77.2889 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 78.9489, 92.3826, 77.2889 by changing the saturation by 10% instead.


 78.9489, 92.3826,
77.2889

 78.9489, 92.3826,
77.2889

480.1741,
535.7513, 505.2123

 59.1593, 69.9585,
56.9770


130.8452,
150.6436, 131.3239

 42.9882, 51.4927,
40.5776


163.6826,
187.2492, 165.8842

 30.0704, 36.6008,
27.6719

201.6000,
229.3507, 206.0310

 20.0403, 24.8986,
17.8416

244.9628,
277.3326, 252.1829

 12.5328, 16.0015,
10.6681

294.1362,
331.5792, 304.7585

 7.1824, 9.5252,
5.7328

349.4856,

 3.6238, 5.0853,

392.4749, 364.1762

2.6171

411.3765,
460.4041, 430.8546

■ 1.4916, 2.2974,
0.9013

■ 0.3201, 0.7723,
0.0000

■ 78.9489, 92.3826,
77.2889

■ 78.9489, 92.3826,
77.2889

■ 70.4401, 88.3434,
61.2006

■ 88.6046, 96.9540,
96.0948

■ 63.0322, 84.8156,
47.7002

95.0500, 100.0000,
108.9000

■ 56.6789, 81.7783,
36.6537

■ 51.3299, 79.2087,
27.9133

■ 46.9300, 77.0820,
21.3154

■ 43.4186, 75.3709,
16.6748

■ 40.7270, 74.0447,
13.7750

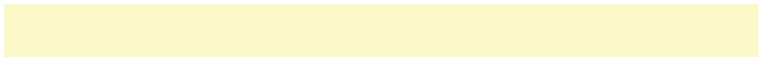
■ 38.7739, 73.0674,
12.3470

■ 38.1727, 72.7638,
12.0329

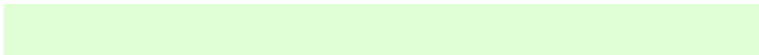
Harmonies

Analogous

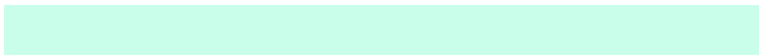
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3388, 92.3826, 69.4049



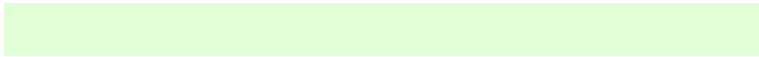
78.9489, 92.3826, 77.2889



76.0045, 92.3826, 92.0074

Triad

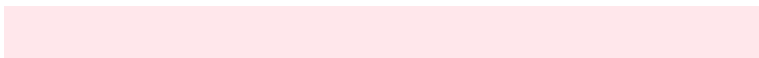
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9489, 92.3826, 77.2889



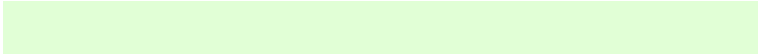
84.7570, 92.3826, 140.3539



100.6460, 92.3826, 90.8548

Complementary

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



78.9489, 92.3826, 77.2889



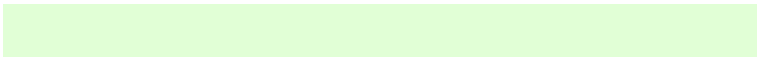
79.4057, 74.5474, 104.8117

Split Complementary

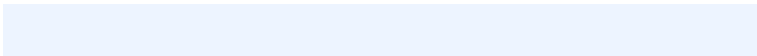
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.7719, 92.3826, 109.6882



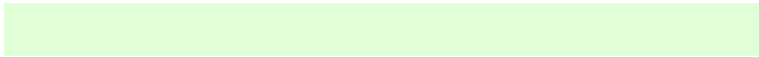
78.9489, 92.3826, 77.2889



91.3688, 92.3826, 139.9434

Square

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



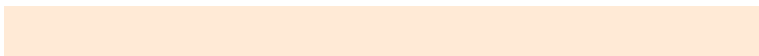
78.9489, 92.3826, 77.2889



79.2417, 92.3826, 129.2157



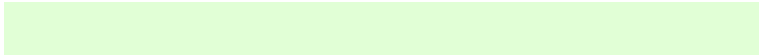
97.3038, 92.3826, 128.1561



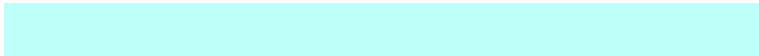
96.9680, 92.3826, 76.5370

Rectangle

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



78.9489, 92.3826, 77.2889



75.7240, 92.3826, 104.4537



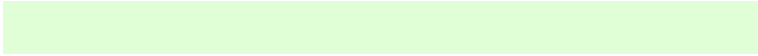
97.3038, 92.3826, 128.1561



101.1112, 92.3826, 96.8207

Sweetspot

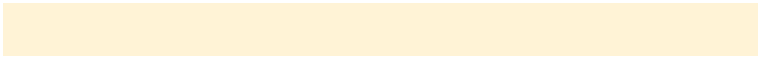
The Sweet Spot groups the original color and five complimentary colors.



78.9495, 92.3829, 77.2903



89.7152, 97.4792, 98.2883



85.5435, 90.4464, 76.5690



19.0474, 20.7911, 20.7308



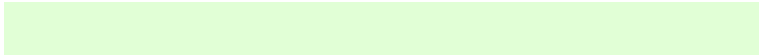
0.0000, 0.0000, 0.0000



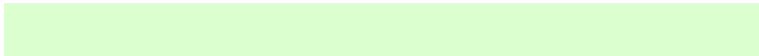
20.3446, 21.4041, 23.3091

Same Dimension

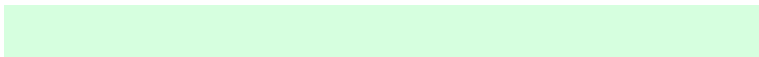
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9495, 92.3829, 77.2903



76.3462, 91.1483, 72.3130



76.7959, 91.1380, 83.2745



18.2287, 20.4038, 19.1219



20.0662, 38.0826, 6.2931



2.0523, 3.7588, 0.6173

Inverse Universe

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



79.4057, 74.5474, 104.8117



76.8725, 70.5055, 104.1650



81.9396, 76.0152, 97.6368



18.2894, 18.0409, 22.7682



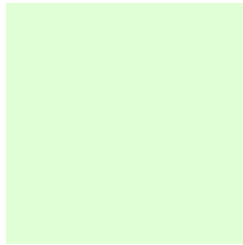
20.2368, 9.3429, 50.1714



2.0744, 0.9633, 4.8899

Previews

White Background



This preview shows how the XYZ color 78.9489, 92.3826, 77.2889 looks on a white background.

Color Contrast Check

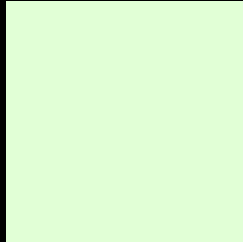
Large Text (above 18pt) WCAG AA × Fail

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 78.9489, 92.3826, 77.2889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

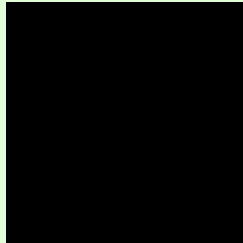
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

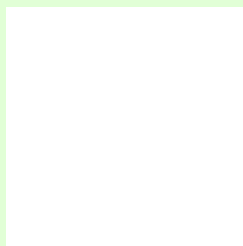
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.9489, 92.3826, 77.2889

Background



This preview shows how black text looks on a background with the XYZ color 78.9489, 92.3826, 77.2889.



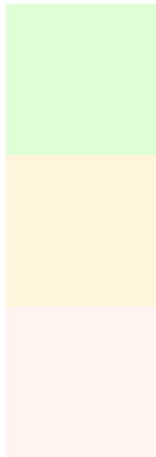
This preview shows how white text looks on a background with the XYZ color 78.9489, 92.3826,

77.2889.

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

78.9489, 92.3826, 77.2889

Protanopia

86.9436, 91.7853, 81.5405

Deuteranopia

89.1707, 92.1934, 94.7567



Tritanopia

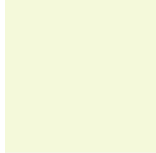
87.5864, 92.4423, 107.8346

Trichromacy



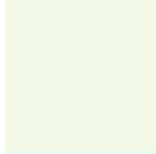
Original Color

78.9489, 92.3826, 77.2889



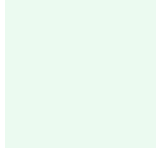
Protanomaly

83.8388, 92.0464, 79.6776



Deuteranomaly

85.1586, 92.0811, 88.1480



Tritanomaly

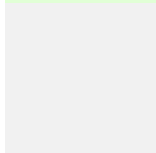
84.1747, 92.3247, 95.8220

Monochromacy



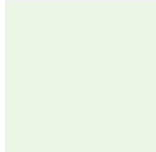
Original Color

78.9489, 92.3826, 77.2889



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.6405, 89.3432, 88.5434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9489, 92.3826, 77.2889 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 214) }
```

Border

The CSS property to change the border of an element to XYZ 78.9489, 92.3826, 77.2889 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, 214) }
```


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

```
.border{ border-color:rgb(225, 255, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9489, 92.3826, 77.2889 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, 214) }
```

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

```
.background{ background-color: rgb(225,  
255, 214) }
```

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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