

Converting Colors

XYZ(74.8417, 90.2575, 77.4455)

Have a look what the booklet for
XYZ(74.8417, 90.2575, 77.4455)
contains.

XYZ(74.8897, 90.2752, 77.7677)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.8897, 90.2752,
77.7677)**

Conversions

Conversions Part 1

Format	Color
Hex	D3FFD7
RGB	211, 255, 215
RGB Percent	83%, 100%, 84%
CMY	0.1725, 0.0000, 0.1569
CMYK	0.17, 0.00, 0.16, 0.00
HSL	125°, 100%, 91%
HSV	125°, 17%, 100%
XYZ	74.8897, 90.2752, 77.7677
YIQ	237.2840, -13.3840, -21.7680

Conversions

Conversions Part 2

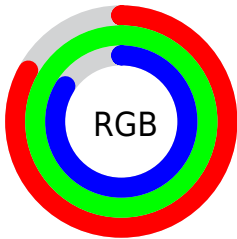
Format	Color
R_{YB}	211, 251, 255
Decimal	13893591
CIE _{Lab}	96.11, -21.42, 14.52
CIE _{LCh}	96, 25.881, 145.877
Yxy	90.2752, 0.3083, 0.3716
Android (android.graphics.Color)	4292083671 (0xFFD3FFD7)
YUV	237.2840, -10.9860, -23.0511
Hunter-Lab	95.0133, -25.5790, 17.9808

Details

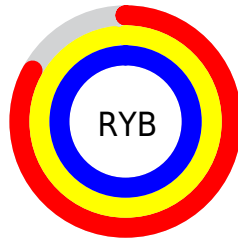
The XYZ color **74.8897, 90.2752, 77.7677** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81.9471, 74.8142, 101.3878**, and the grayscale version is **80.8040, 85.0121, 92.5782**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2495, 49.9942, 40.7862** is the 20% darker color. If you saturate the color by 10%, you get **65.3833, 85.6946, 62.8597**, and if you desaturate by 10%, it is **85.9784, 95.6227, 94.9557**.

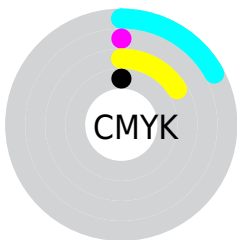
Distribution



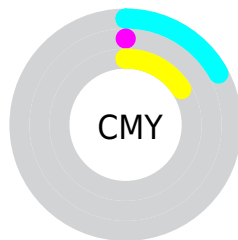
- Red (83%)
- Green (100%)
- Blue (84%)



- Red (83%)
- Yellow (98%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8897, 90.2752, 77.7677 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 74.8897, 90.2752, 77.7677 by changing the saturation by 10% instead.


 74.8897, 90.2752,
77.7677

 74.8897, 90.2752,
77.7677


466.5414,
528.9257, 506.8846

 55.8164, 68.2089,
57.3679


125.1450,
147.7206, 132.0055

 40.2922, 50.0677,
40.8893


157.0576,
183.8685, 166.6805

 27.9516, 35.4672,
27.9136


193.9808,
225.4791, 206.9510

 18.4295, 24.0230,
18.0220

236.2798,
272.9367, 253.2355

 11.3603, 15.3507,
10.7962

284.3200,
326.6258, 305.9526

 6.3788, 9.0659,
5.8175

338.4668,

 3.1196, 4.7842,

386.9307, 365.5208

2.6675

399.0854,
454.2359, 432.3586

■ 1.2173, 2.1212,
0.9270

■ 0.1200, 0.6765,
0.0000

■ 74.8897, 90.2752,
77.7677

■ 74.8897, 90.2752,
77.7677

■ 65.3833, 85.6946,
62.8597

■ 85.9784, 95.6227,
94.9557

■ 57.3851, 81.8448,
50.1319

95.0500, 100.0000,
108.9000

■ 50.8178, 78.6881,
39.4835

■ 45.5969, 76.1833,
30.8039

■ 41.6284, 74.2846,
23.9725

■ 38.8065, 72.9402,
18.8553

■ 37.0078, 72.0897,
15.3002

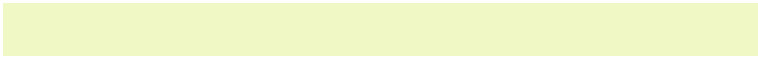
■ 36.0763, 71.6566,
13.1281

■ 35.9165, 71.5826,
12.7443

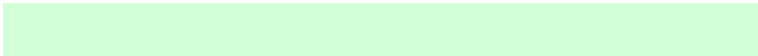
Harmonies

Analogous

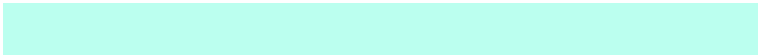
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9266, 90.2752, 66.8782



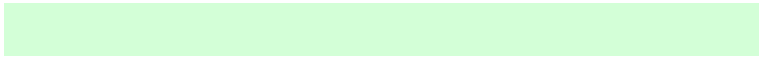
74.8897, 90.2752, 77.7677



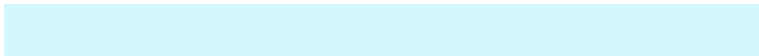
72.7748, 90.2752, 95.4829

Triad

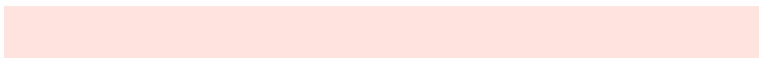
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8897, 90.2752, 77.7677



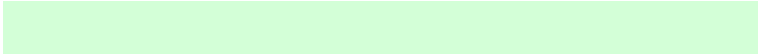
84.8165, 90.2752, 143.1679



98.8150, 90.2752, 82.0499

Complementary

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



74.8897, 90.2752, 77.7677



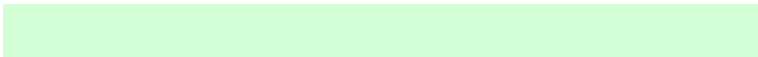
81.9471, 74.8142, 101.3878

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.



100.3020, 90.2752, 101.1604



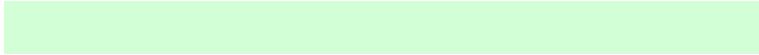
74.8897, 90.2752, 77.7677



91.9625, 90.2752, 138.2694

Square

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



74.8897, 90.2752, 77.7677



78.3003, 90.2752, 134.7361



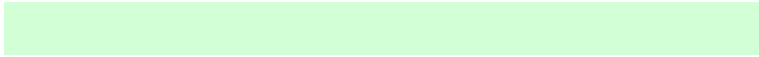
97.7300, 90.2752, 122.1481



93.7722, 90.2752, 69.0983

Rectangle

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



74.8897, 90.2752, 77.7677



73.2150, 90.2752, 109.4962



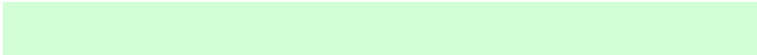
97.7300, 90.2752, 122.1481



99.7589, 90.2752, 87.8838

Sweetspot

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



74.8904, 90.2755, 77.7691



88.7034, 96.9373, 99.1541



87.4219, 96.7944, 75.7045



18.8024, 20.6599, 20.9402



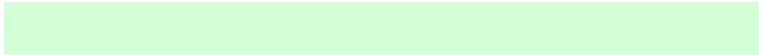
0.0000, 0.0000, 0.0000



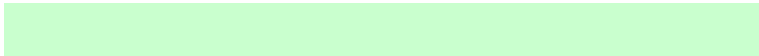
20.3446, 21.4041, 23.3091

Same Dimension

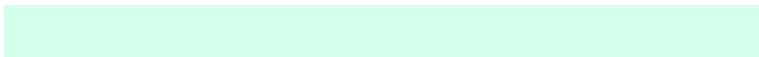
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8904, 90.2755, 77.7691



71.1479, 88.4717, 71.9228



77.8619, 91.4641, 93.4167



17.8386, 20.1950, 19.4532



18.7896, 37.4124, 6.7774



1.8511, 3.6514, 0.7737

Inverse Universe

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



81.9471, 74.8142, 101.3878



79.5076, 70.1538, 99.9007



78.7242, 73.5251, 84.4161



18.7172, 18.2702, 22.3941



29.1752, 14.1594, 41.1685



2.8607, 1.3866, 4.1137

Previews

White Background



This preview shows how the XYZ color 74.8897, 90.2752, 77.7677 looks on a white background.

Color Contrast Check

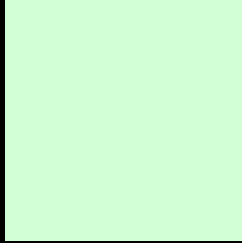
Large Text (above 18pt) WCAG AA × Fail

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 74.8897, 90.2752, 77.7677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

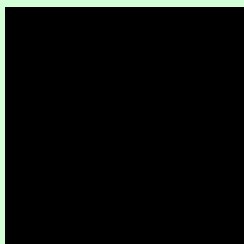
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

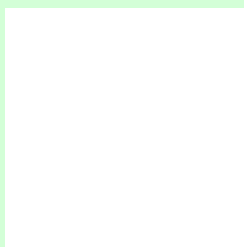
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8897, 90.2752, 77.7677

Background



This preview shows how black text looks on a background with the XYZ color 74.8897, 90.2752, 77.7677.



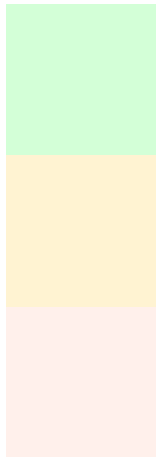
This preview shows how white text looks on a background with the XYZ color 74.8897, 90.2752,

77.7677.

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

74.8897, 90.2752, 77.7677

Protanopia

84.9235, 90.0143, 73.8713

Deuteranopia

87.3955, 89.5783, 91.2814



Tritanopia

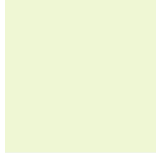
84.3067, 89.8485, 107.5068

Trichromacy



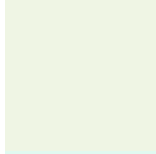
Original Color

74.8897, 90.2752, 77.7677



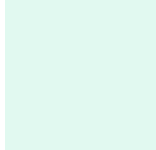
Protanomaly

80.7410, 89.6257, 75.3313



Deuteranomaly

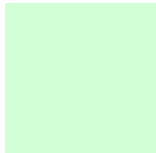
82.2526, 89.2570, 86.2919



Tritanomaly

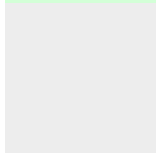
80.6552, 90.0502, 95.5685

Monochromacy



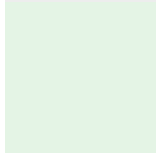
Original Color

74.8897, 90.2752, 77.7677



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.4884, 86.8525, 86.7562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8897, 90.2752, 77.7677 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(211, 255, 215)` looks like.

```
.text, #text, p{  
    color:rgb(211, 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(211, 255, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 215) }
```

Border

The CSS property to change the border of an element to XYZ 74.8897, 90.2752, 77.7677 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(211, 255, 215) }
```


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

```
.border{ border-color:rgb(211, 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(211, 255, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 215);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8897, 90.2752, 77.7677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 215) }
```

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

```
.background{ background-color: rgb(211,  
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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