

Converting Colors

XYZ(77.6021, 96.4728, 78.2687)

Have a look what the booklet for
XYZ(77.6021, 96.4728, 78.2687)
contains.

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Color

**XYZ(74.4759, 90.0767,
77.0796)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FFD6
RGB	210, 255, 214
RGB Percent	82%, 100%, 84%
CMY	0.1765, 0.0000, 0.1608
CMYK	0.18, 0.00, 0.16, 0.00
HSL	125°, 100%, 91%
HSV	125°, 18%, 100%
XYZ	74.4759, 90.0767, 77.0796
YIQ	236.8710, -13.6590, -22.2910

Conversions

Conversions Part 2

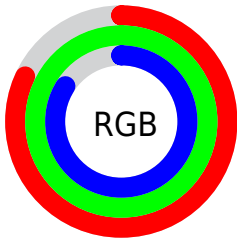
Format	Color
R_{YB}	210, 251, 255
Decimal	13828054
CIE _{Lab}	96.03, -21.92, 14.91
CIE _{LCh}	96, 26.510, 145.788
Yxy	90.0767, 0.3082, 0.3728
Android (android.graphics.Color)	4292018134 (0xFFD2FFD6)
YUV	236.8710, -11.2754, -23.5659
Hunter-Lab	94.9087, -26.0195, 18.2841

Details

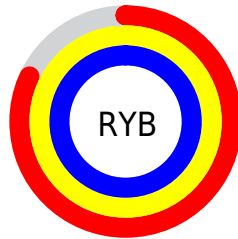
The XYZ color **74.4759, 90.0767, 77.0796** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81.6993, 74.3188, 101.3050**, and the grayscale version is **80.4881, 84.6797, 92.2162**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9697, 49.8599, 40.3182** is the 20% darker color. If you saturate the color by 10%, you get **65.0261, 85.5238, 62.2377**, and if you desaturate by 10%, it is **85.5071, 95.3958, 94.2073**.

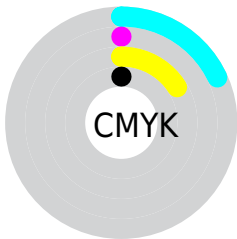
Distribution



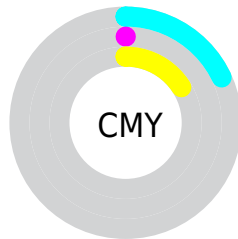
- Red (82%)
- Green (100%)
- Blue (84%)



- Red (82%)
- Yellow (98%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4759, 90.0767, 77.0796 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 74.4759, 90.0767, 77.0796 by changing the saturation by 10% instead.


 74.4759, 90.0767,
77.0796

 74.4759, 90.0767,
77.0796

465.1392,
528.2803, 504.4803

 55.4763, 68.0443,
56.8063


124.5621,
147.4449, 131.0259

 40.0185, 49.9337,
40.4414


156.3794,
183.5495, 165.5359

 27.7373, 35.3608,
27.5665


193.1999,
225.1136, 205.6285

 18.2671, 23.9409,
17.7629

235.3891,
272.5216, 251.7224

 11.2428, 15.2898,
10.6122

283.3123,
326.1578, 304.2359

 6.2989, 9.0230,
5.6959

337.3348,

 3.0700, 4.7562,

386.4068, 363.5877

2.5953

397.8220,
453.6528, 430.1963

■ 1.1909, 2.1049,
0.8900

■ 0.0992, 0.6674,
0.0000

■ 74.4759, 90.0767,
77.0796

■ 74.4759, 90.0767,
77.0796

■ 65.0261, 85.5238,
62.2377

■ 85.5071, 95.3958,
94.2073

■ 57.0831, 81.7010,
49.5811

95.0500, 100.0000,
108.9000

■ 50.5695, 78.5704,
39.0078

■ 45.4000, 76.0904,
30.4061

■ 41.4804, 74.2152,
23.6540

■ 38.7039, 72.8925,
18.6158

■ 36.9461, 72.0615,
15.1372

■ 36.0464, 71.6432,
13.0361

■ 35.9114, 71.5806,
12.7172

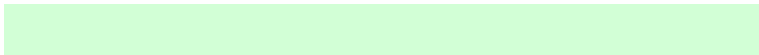
Harmonies

Analogous

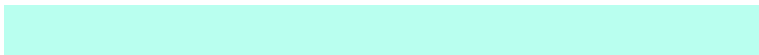
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6262, 90.0767, 66.0253



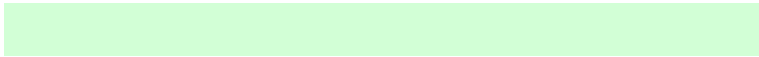
74.4759, 90.0767, 77.0796



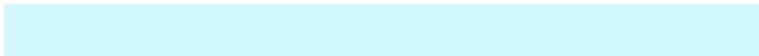
72.3086, 90.0767, 95.1419

Triad

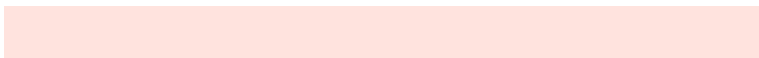
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4759, 90.0767, 77.0796



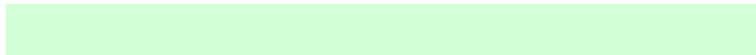
84.5837, 90.0767, 144.1164



98.9495, 90.0767, 81.5380

Complementary

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



74.4759, 90.0767, 77.0796



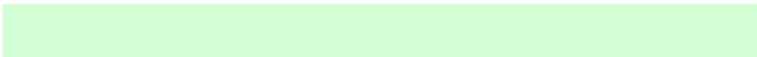
81.6993, 74.3188, 101.3050

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.



100.4617, 90.0767, 101.0743



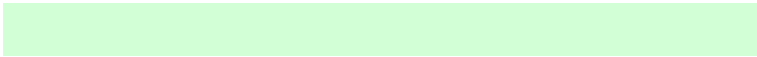
74.4759, 90.0767, 77.0796



91.8972, 90.0767, 139.1182

Square

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



74.4759, 90.0767, 77.0796



77.9292, 90.0767, 135.4073



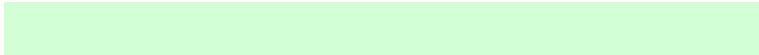
97.8133, 90.0767, 122.5812



93.7906, 90.0767, 68.3298

Rectangle

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



74.4759, 90.0767, 77.0796



72.7507, 90.0767, 109.4810



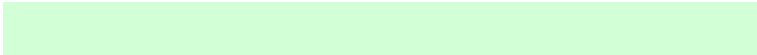
97.8133, 90.0767, 122.5812



99.9133, 90.0767, 87.4961

Sweetspot

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



74.4766, 90.0770, 77.0810



88.6995, 96.9358, 99.1336



87.2668, 96.7289, 75.0447



18.8015, 20.6596, 20.9352



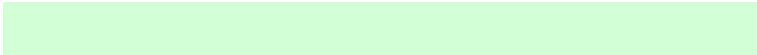
0.0000, 0.0000, 0.0000



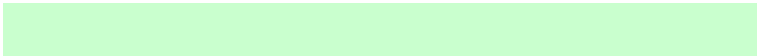
20.3446, 21.4041, 23.3091

Same Dimension

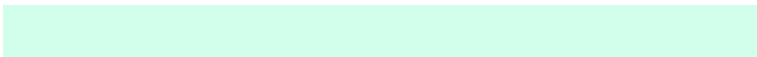
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4766, 90.0770, 77.0810



71.1348, 88.4665, 71.8536



77.5154, 91.2925, 93.0836



17.8371, 20.1944, 19.4453



18.7866, 37.4112, 6.7614



1.8504, 3.6511, 0.7700

Inverse Universe

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



81.6993, 74.3188, 101.3050



79.5245, 70.1605, 99.9899



78.3950, 72.9970, 83.9043



18.7189, 18.2709, 22.4029



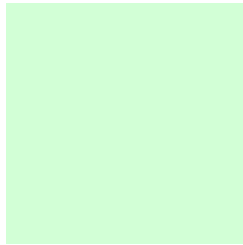
29.2128, 14.1744, 41.3664



2.8639, 1.3879, 4.1309

Previews

White Background



This preview shows how the XYZ color 74.4759, 90.0767, 77.0796 looks on a white background.

Color Contrast Check

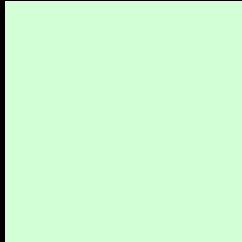
Large Text (above 18pt) WCAG AA × Fail

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 74.4759, 90.0767, 77.0796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

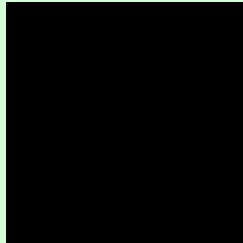
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

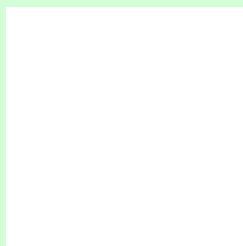
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.4759, 90.0767, 77.0796

Background



This preview shows how black text looks on a background with the XYZ color 74.4759, 90.0767, 77.0796.



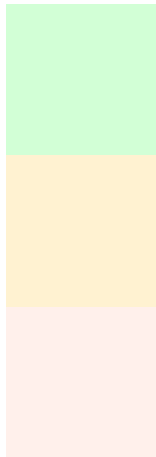
This preview shows how white text looks on a background with the XYZ color 74.4759, 90.0767,

77.0796.

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

74.4759, 90.0767, 77.0796

Protanopia

84.5008, 89.3677, 73.1176

Deuteranopia

87.3955, 89.5783, 91.2814



Tritanopia

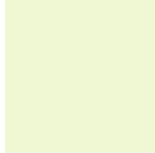
83.9811, 89.6806, 107.4916

Trichromacy



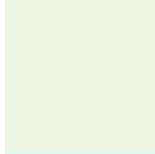
Original Color

74.4759, 90.0767, 77.0796



Protanomaly

80.6152, 89.5754, 74.6689



Deuteranomaly

82.1141, 89.2016, 85.5628



Tritanomaly

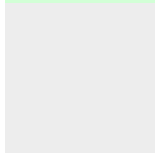
80.3443, 89.8899, 95.5540

Monochromacy



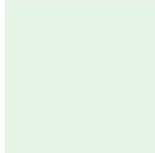
Original Color

74.4759, 90.0767, 77.0796



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.1721, 86.6894, 86.7414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4759, 90.0767, 77.0796 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(210, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 214) }
```

Border

The CSS property to change the border of an element to XYZ 74.4759, 90.0767, 77.0796 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(210, 255, 214) }
```


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

```
.border{ border-color:rgb(210, 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(210, 255, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4759, 90.0767, 77.0796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 214) }
```

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

```
.background{ background-color: rgb(210,  
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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