

Converting Colors

XYZ(74.7786, 90.3402, 72.2396)

Have a look what the booklet for
XYZ(74.7786, 90.3402, 72.2396)
contains.

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Color

**XYZ(74.7540, 90.3211,
72.5253)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FFCF
RGB	214, 255, 207
RGB Percent	84%, 100%, 81%
CMY	0.1608, 0.0000, 0.1882
CMYK	0.16, 0.00, 0.19, 0.00
HSL	111°, 100%, 91%
HSV	111°, 19%, 100%
XYZ	74.7540, 90.3211, 72.5253
YIQ	237.2690, -9.0280, -23.6200

Conversions

Conversions Part 2

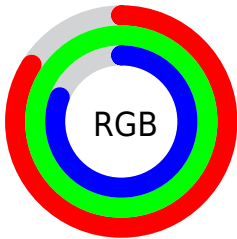
Format	Color
R_{YB}	207, 255, 248
Decimal	14090191
CIE _{Lab}	96.13, -21.79, 18.66
CIE _{LCh}	96, 28.686, 139.416
Yxy	90.3211, 0.3146, 0.3801
Android (android.graphics.Color)	4292280271 (0xFFD6FFCF)
YUV	237.2690, -14.9226, -20.4069
Hunter-Lab	95.0374, -25.9119, 21.2806

Details

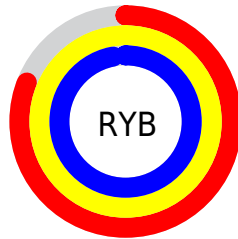
The XYZ color **74.7540, 90.3211, 72.5253** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.0751, 71.8034, 104.2995**, and the grayscale version is **80.8194, 85.0283, 92.5958**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2419, 50.0590, 37.6784** is the 20% darker color. If you saturate the color by 10%, you get **65.9460, 86.1120, 57.1323**, and if you desaturate by 10%, it is **84.9169, 95.1705, 90.6126**.

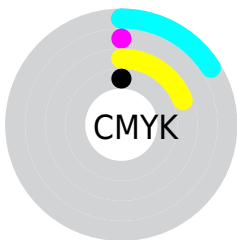
Distribution



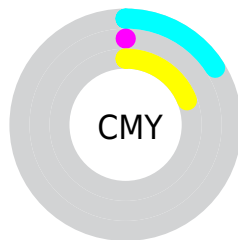
- Red (84%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (97%)



- Cyan (16%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7540, 90.3211, 72.5253 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 74.7540, 90.3211, 72.5253 by changing the saturation by 10% instead.

74.7540, 90.3211,
72.5253

74.7540, 90.3211,
72.5253

466.0818,
529.0748, 488.3945

55.7048, 68.2470,
53.0984

124.9538,
147.7843, 124.5177

40.2024, 50.0987,
37.4931

156.8353,
183.9423, 157.9204

27.8813, 35.4918,
25.2907

193.7248,
225.5636, 196.8187

18.3762, 24.0420,
16.0728

235.9878,
273.0327, 241.6313

11.3217, 15.3648,
9.4208

283.9897,
326.7339, 292.7766

6.3526, 9.0758,
4.9161

338.0957,

3.1033, 4.7906,

387.0518, 350.6732

2.1402

398.6713,
454.3706, 415.7397

■ 1.2086, 2.1250,
0.6396

■ 0.1132, 0.6786,
0.0000

■ 74.7540, 90.3211,
72.5253

■ 74.7540, 90.3211,
72.5253

■ 65.9460, 86.1120,
57.1323

■ 84.9169, 95.1705,
90.6126

■ 58.4333, 82.5153,
44.3008

95.0500, 100.0000,
108.9000

■ 52.1548, 79.5025,
33.8929

■ 47.0436, 77.0424,
25.7564

■ 43.0262, 75.1007,
19.7215

■ 40.0207, 73.6395,
15.5948

■ 37.9329, 72.6153,
13.1473

■ 36.6417, 71.9727,
12.0471

■ 36.5295, 71.9167,
11.9560

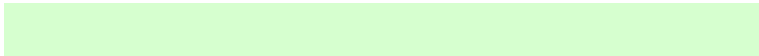
Harmonies

Analogous

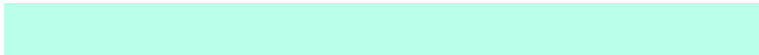
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8656, 90.3211, 62.5650



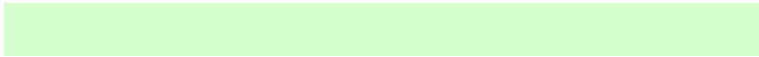
74.7540, 90.3211, 72.5253



71.6813, 90.3211, 90.5208

Triad

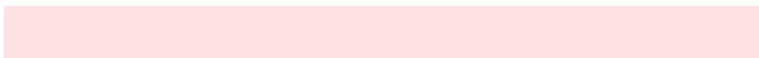
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7540, 90.3211, 72.5253



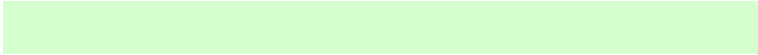
83.0704, 90.3211, 147.9588



101.0860, 90.3211, 84.4974

Complementary

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



74.7540, 90.3211, 72.5253



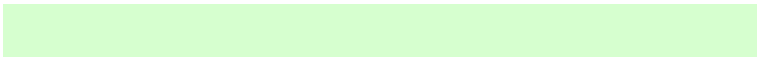
79.0751, 71.8034, 104.2995

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.



101.7670, 90.3211, 106.6061



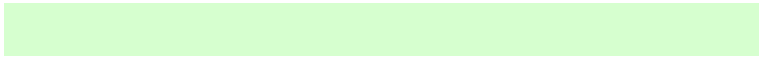
74.7540, 90.3211, 72.5253



91.0299, 90.3211, 145.6795

Square

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



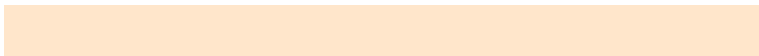
74.7540, 90.3211, 72.5253



76.2822, 90.3211, 135.4787



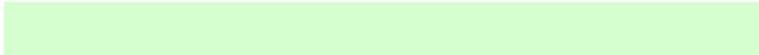
97.9876, 90.3211, 129.6617



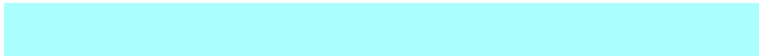
96.1807, 90.3211, 68.7031

Rectangle

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



74.7540, 90.3211, 72.5253



71.6334, 90.3211, 105.6819



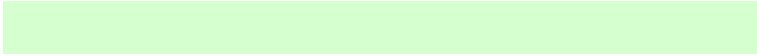
97.9876, 90.3211, 129.6617



101.8275, 90.3211, 91.3545

Sweetspot

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



74.7546, 90.3214, 72.5267



88.0379, 96.6585, 96.2215



86.0088, 92.7772, 72.4075



18.6870, 20.6142, 20.3133



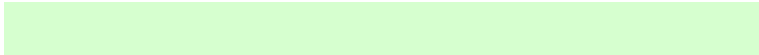
0.0000, 0.0000, 0.0000



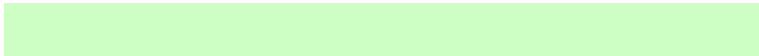
20.3446, 21.4041, 23.3091

Same Dimension

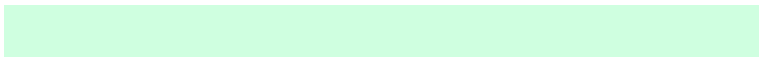
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7546, 90.3214, 72.5267



70.9136, 88.4867, 65.7758



74.9204, 90.1568, 83.8332



18.0180, 20.2952, 19.1120



19.1612, 37.6160, 6.2507



1.9357, 3.6986, 0.6119

Inverse Universe

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



79.0751, 71.8034, 104.2995



76.0323, 66.5319, 103.4423



79.0155, 72.0716, 90.7903



18.5170, 18.1583, 22.7789



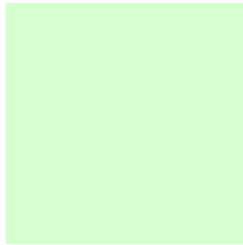
24.6101, 11.5975, 50.3760



2.4641, 1.1642, 4.9081

Previews

White Background



This preview shows how the XYZ color 74.7540, 90.3211, 72.5253 looks on a white background.

Color Contrast Check

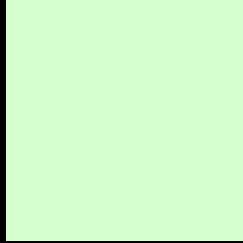
Large Text (above 18pt) WCAG AA × Fail

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 74.7540, 90.3211, 72.5253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

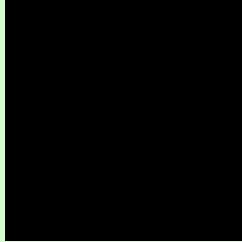
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

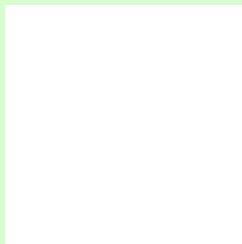
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7540, 90.3211, 72.5253

Background



This preview shows how black text looks on a background with the XYZ color 74.7540, 90.3211, 72.5253.



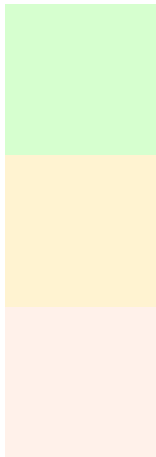
This preview shows how white text looks on a background with the XYZ color 74.7540, 90.3211,

72.5253.

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

74.7540, 90.3211, 72.5253

Protanopia

84.7992, 89.9646, 73.2171

Deuteranopia

87.5466, 90.1111, 90.6209



Tritanopia

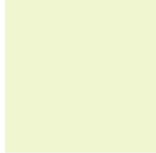
84.6341, 90.0172, 107.5221

Trichromacy



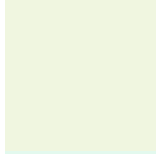
Original Color

74.7540, 90.3211, 72.5253



Protanomaly

80.5811, 89.6009, 72.7221



Deuteranomaly

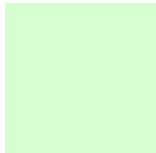
82.3455, 89.8186, 83.5177



Tritanomaly

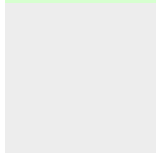
80.9869, 90.2553, 94.0415

Monochromacy



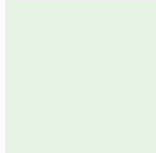
Original Color

74.7540, 90.3211, 72.5253



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.3912, 86.8504, 84.5836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7540, 90.3211, 72.5253 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(214, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 207)  
}
```

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(214, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 207) }
```

Border

The CSS property to change the border of an element to XYZ 74.7540, 90.3211, 72.5253 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(214, 255, 207) }
```


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

```
.border{ border-color:rgb(214, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7540, 90.3211, 72.5253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 207) }
```

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

```
.background{ background-color: rgb(214,  
255, 207) }
```

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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