

Converting Colors

XYZ(110.3631, 162.6335,
83.0814)

Have a look what the booklet for
XYZ(110.3631, 162.6335, 83.0814)
contains.

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Color

**XYZ(74.2200, 90.0739,
71.2318)**

Conversions

Conversions Part 1

Format	Color
Hex	D5FFCD
RGB	213, 255, 205
RGB Percent	84%, 100%, 80%
CMY	0.1647, 0.0000, 0.1961
CMYK	0.16, 0.00, 0.20, 0.00
HSL	110°, 100%, 90%
HSV	110°, 20%, 100%
XYZ	74.2200, 90.0739, 71.2318
YIQ	236.7420, -8.9820, -24.4540

Conversions

Conversions Part 2

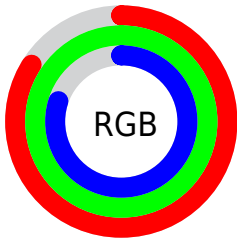
Format	Color
RYB	205, 255, 247
Decimal	14024653
CIELab	96.03, -22.45, 19.53
CIElCh	96, 29.753, 138.974
Yxy	90.0739, 0.3151, 0.3824
Android (android.graphics.Color)	4292214733 (0xFFD5FFCD)
YUV	236.7420, -15.6488, -20.8217
Hunter-Lab	94.9073, -26.4960, 21.9355

Details

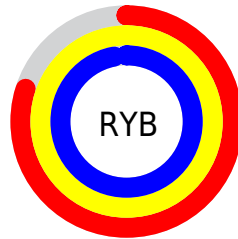
The XYZ color **74.2200, 90.0739, 71.2318** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.2399, 70.6580, 104.1224**, and the grayscale version is **80.4188, 84.6069, 92.1369**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8805, 49.8916, 36.8063** is the 20% darker color. If you saturate the color by 10%, you get **65.5798, 85.9469, 56.0476**, and if you desaturate by 10%, it is **84.1838, 94.8253, 89.0993**.

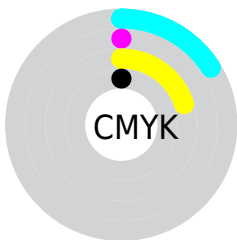
Distribution



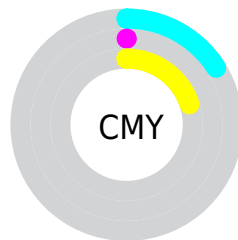
- Red (84%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (97%)



- Cyan (16%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2200, 90.0739, 71.2318 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 74.2200, 90.0739, 71.2318 by changing the saturation by 10% instead.


 74.2200, 90.0739,
71.2318

 74.2200, 90.0739,
71.2318


464.2709,
528.2712, 483.7688

 55.2660, 68.0419,
52.0484


124.2015,
147.4410, 122.6613

 39.8494, 49.9319,
36.6611


155.9597,
183.5450, 155.7444

 27.6049, 35.3593,
24.6515

192.7166,
225.1084, 194.2978

 18.1669, 23.9397,
15.6010

234.8378,
272.5157, 238.7402

 11.1703, 15.2889,
9.0909

282.6884,
326.1512, 289.4899

 6.2497, 9.0224,
4.7029

336.6339,

 3.0396, 4.7558,

386.3994, 346.9655

2.0184

397.0396,
453.6446, 411.5857

■ 1.1747, 2.1047,
0.5665

■ 0.0863, 0.6673,
0.0000

■ 74.2200, 90.0739,
71.2318

■ 74.2200, 90.0739,
71.2318

■ 65.5798, 85.9469,
56.0476

■ 84.1838, 94.8253,
89.0993

■ 58.2052, 82.4171,
43.4131

95.0500, 100.0000,
108.9000

■ 52.0365, 79.4569,
33.1899

■ 47.0084, 77.0359,
25.2244

■ 43.0493, 75.1210,
19.3454

■ 40.0791, 73.6750,
15.3574

■ 38.0058, 72.6556,
13.0278

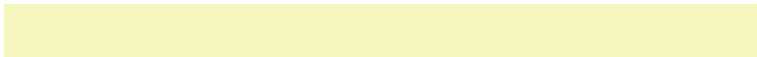
■ 36.7056, 72.0069,
11.9929

■ 36.6664, 71.9872,
11.9624

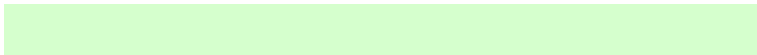
Harmonies

Analogous

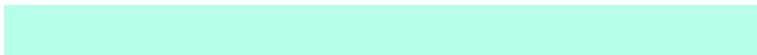
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5695, 90.0739, 61.1551



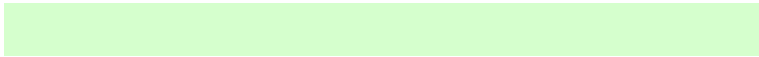
74.2200, 90.0739, 71.2318



70.9997, 90.0739, 89.6598

Triad

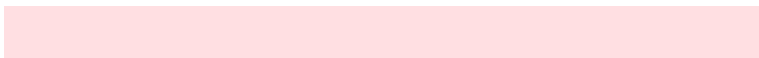
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2200, 90.0739, 71.2318



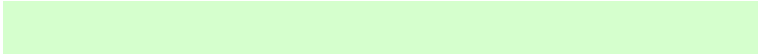
82.6214, 90.0739, 149.6267



101.4671, 90.0739, 84.0647

Complementary

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



74.2200, 90.0739, 71.2318



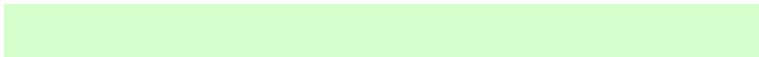
78.2399, 70.6580, 104.1224

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.



102.1043, 90.0739, 107.0013



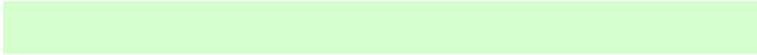
74.2200, 90.0739, 71.2318



90.8618, 90.0739, 147.4823

Square

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



74.2200, 90.0739, 71.2318



75.6391, 90.0739, 136.3947



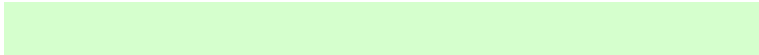
98.1150, 90.0739, 130.9348



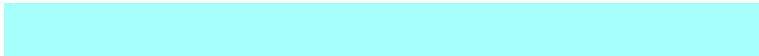
96.4262, 90.0739, 67.7026

Rectangle

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



74.2200, 90.0739, 71.2318



70.9129, 90.0739, 105.3161



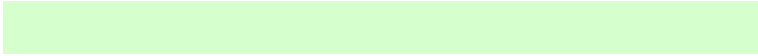
98.1150, 90.0739, 130.9348



102.2150, 90.0739, 91.1740

Sweetspot

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



74.2206, 90.0742, 71.2332



88.1123, 96.6969, 96.2250



85.4187, 91.9859, 71.0120



18.7045, 20.6232, 20.3141



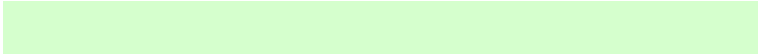
0.0000, 0.0000, 0.0000



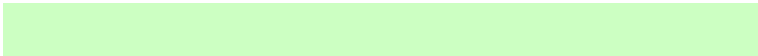
20.3446, 21.4041, 23.3091

Same Dimension

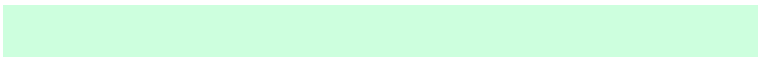
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2206, 90.0742, 71.2332



70.2651, 88.1857, 64.2394



74.0778, 89.7556, 82.2945



18.0422, 20.3076, 19.1132



19.2384, 37.6558, 6.2543



1.9470, 3.7045, 0.6124

Inverse Universe

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



78.2399, 70.6580, 104.1224



75.0264, 65.1647, 103.2315



78.5536, 71.1164, 90.7331



18.4905, 18.1446, 22.7777



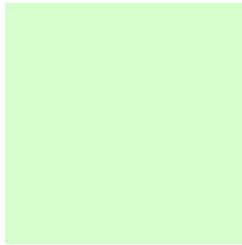
24.0595, 11.3136, 50.3503



2.4156, 1.1392, 4.9058

Previews

White Background



This preview shows how the XYZ color 74.2200, 90.0739, 71.2318 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 74.2200, 90.0739, 71.2318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

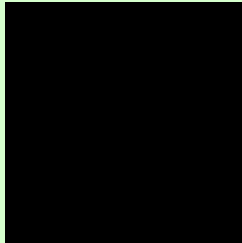
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

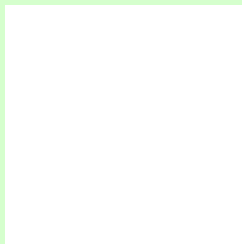
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2200, 90.0739, 71.2318

Background



This preview shows how black text looks on a background with the XYZ color 74.2200, 90.0739, 71.2318.



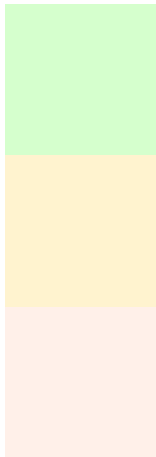
This preview shows how white text looks on a background with the XYZ color 74.2200, 90.0739,

71.2318.

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

74.2200, 90.0739, 71.2318

Protanopia

84.5531, 89.8662, 71.9210

Deuteranopia

87.1081, 89.4634, 89.7679



Tritanopia

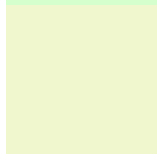
84.3067, 89.8485, 107.5068

Trichromacy



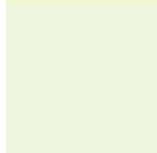
Original Color

74.2200, 90.0739, 71.2318



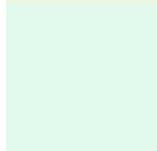
Protanomaly

80.3365, 89.5030, 71.4341



Deuteranomaly

81.9069, 89.1578, 82.7043



Tritanomaly

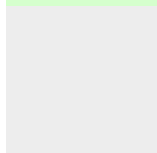
80.5258, 90.0345, 93.2550

Monochromacy



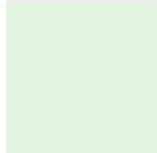
Original Color

74.2200, 90.0739, 71.2318



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

77.9362, 86.6316, 83.8481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2200, 90.0739, 71.2318 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(213, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 205)  
}
```

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(213, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 205) }
```

Border

The CSS property to change the border of an element to XYZ 74.2200, 90.0739, 71.2318 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(213, 255, 205) }
```


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

```
.border{ border-color:rgb(213, 255, 205) }
```

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

Here you see how a box with a 4 pixel rgb(213, 255, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2200, 90.0739, 71.2318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 205) }
```

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

```
.background{ background-color: rgb(213,  
255, 205) }
```

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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