

Converting Colors

XYZ(81.0025, 103.3083,
73.6697)

Have a look what the booklet for
XYZ(81.0025, 103.3083, 73.6697)
contains.

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Color

**XYZ(74.5110, 90.2239,
71.2454)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FFCD
RGB	214, 255, 205
RGB Percent	84%, 100%, 80%
CMY	0.1608, 0.0000, 0.1961
CMYK	0.16, 0.00, 0.20, 0.00
HSL	109°, 100%, 90%
HSV	109°, 20%, 100%
XYZ	74.5110, 90.2239, 71.2454
YIQ	237.0410, -8.3860, -24.2420

Conversions

Conversions Part 2

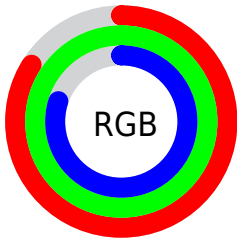
Format	Color
RYB	205, 255, 246
Decimal	14090189
CIELab	96.09, -22.11, 19.63
CIElCh	96, 29.567, 138.410
Yxy	90.2239, 0.3158, 0.3823
Android (android.graphics.Color)	4292280269 (0xFFD6FFCD)
YUV	237.0410, -15.7962, -20.2070
Hunter-Lab	94.9863, -26.2035, 22.0193

Details

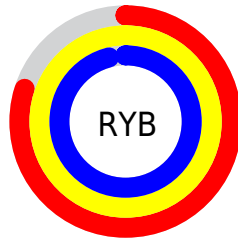
The XYZ color **74.5110, 90.2239, 71.2454** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.8882, 70.4766, 104.1059**, and the grayscale version is **80.6498, 84.8498, 92.4015**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0781, 49.9935, 36.8155** is the 20% darker color. If you saturate the color by 10%, you get **65.9631, 86.1445, 56.0655**, and if you desaturate by 10%, it is **84.3453, 94.9085, 89.1069**.

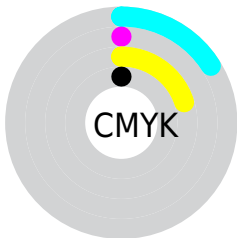
Distribution



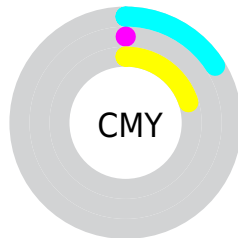
- Red (84%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (96%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5110, 90.2239, 71.2454 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 74.5110, 90.2239, 71.2454 by changing the saturation by 10% instead.


 74.5110, 90.2239,
71.2454

 74.5110, 90.2239,
71.2454


465.2582,
528.7589, 483.8176

 55.5051, 68.1664,
52.0594


124.6115,
147.6494, 122.6808

 40.0417, 50.0331,
36.6699


156.4369,
183.7861, 155.7673

 27.7554, 35.4397,
24.6582


193.2662,
225.3846, 194.3244

 18.2809, 24.0018,
15.6059

235.4647,
272.8294, 238.7706

 11.2528, 15.3349,
9.0944

283.3978,
326.5049, 289.5245

 6.3057, 9.0548,
4.7051

337.4309,

 3.0742, 4.7769,

386.7953, 347.0046

2.0196

397.9292,
454.0852, 411.6294

■ 1.1931, 2.1170,
0.5673

■ 0.1009, 0.6742,
0.0000

■ 74.5110, 90.2239,
71.2454

■ 74.5110, 90.2239,
71.2454

■ 65.9631, 86.1445,
56.0655

■ 84.3453, 94.9085,
89.1069

■ 58.6459, 82.6443,
43.4338

95.0500, 100.0000,
108.9000

■ 52.5022, 79.6970,
33.2117

■ 47.4696, 77.2737,
25.2459

■ 43.4795, 75.3428,
19.3655

■ 40.4557, 73.8691,
15.3750

■ 38.3103, 72.8125,
13.0420

■ 36.9249, 72.1199,
12.0032

■ 36.8821, 72.0985,
11.9725

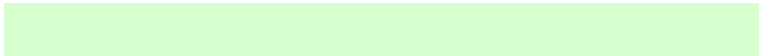
Harmonies

Analogous

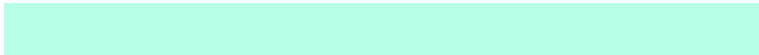
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8786, 90.2239, 61.3671



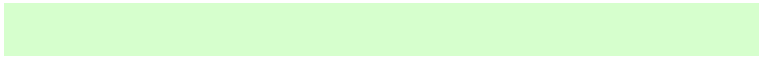
74.5110, 90.2239, 71.2454



71.2386, 90.2239, 89.4553

Triad

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



74.5110, 90.2239, 71.2454



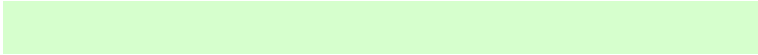
82.6308, 90.2239, 149.3579



101.5771, 90.2239, 84.6760

Complementary

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



74.5110, 90.2239, 71.2454



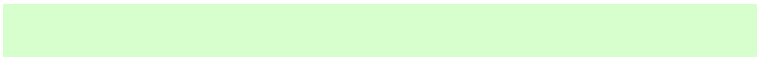
77.8882, 70.4766, 104.1059

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.



102.1207, 90.2239, 107.5786



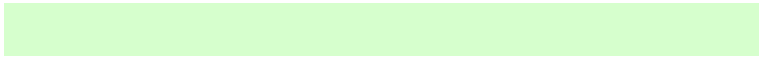
74.5110, 90.2239, 71.2454



90.8238, 90.2239, 147.5300

Square

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



74.5110, 90.2239, 71.2454



75.7233, 90.2239, 135.9664



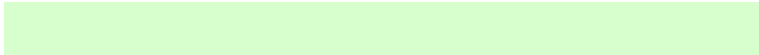
98.0771, 90.2239, 131.3106



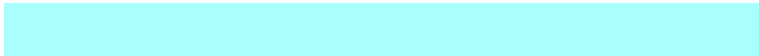
96.6360, 90.2239, 68.2277

Rectangle

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



74.5110, 90.2239, 71.2454



71.1046, 90.2239, 104.9814



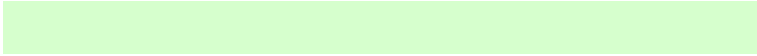
98.0771, 90.2239, 131.3106



102.2913, 90.2239, 91.7907

Sweetspot

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



74.5116, 90.2242, 71.2468



88.2176, 96.7511, 96.2299



85.1649, 91.4783, 70.9274



18.7293, 20.6360, 20.3152



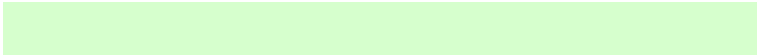
0.0000, 0.0000, 0.0000



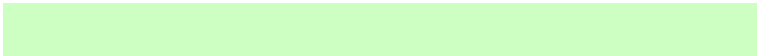
20.3446, 21.4041, 23.3091

Same Dimension

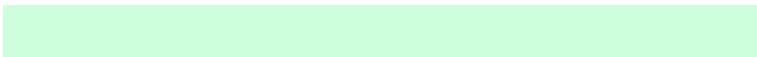
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5116, 90.2242, 71.2468



70.6011, 88.3590, 64.2552



73.9666, 89.7111, 81.7088



18.0764, 20.3253, 19.1148



19.3591, 37.7181, 6.2600



1.9637, 3.7131, 0.6132

Inverse Universe

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



77.8882, 70.4766, 104.1059



74.6002, 64.9449, 103.2115



78.6766, 71.1655, 91.3807



18.4531, 18.1253, 22.7759



23.3024, 10.9233, 50.3148



2.3487, 1.1047, 4.9027

Previews

White Background



This preview shows how the XYZ color 74.5110, 90.2239, 71.2454 looks on a white background.

Color Contrast Check

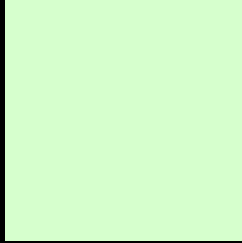
Large Text (above 18pt) WCAG AA × Fail

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 74.5110, 90.2239, 71.2454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

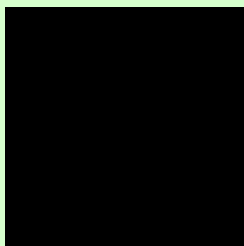
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

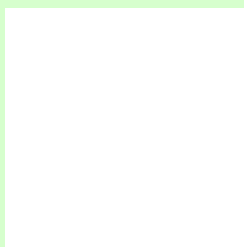
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5110, 90.2239, 71.2454

Background



This preview shows how black text looks on a background with the XYZ color 74.5110, 90.2239, 71.2454.



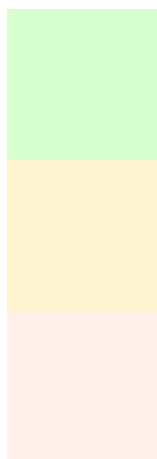
This preview shows how white text looks on a background with the XYZ color 74.5110, 90.2239,

71.2454.

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

74.5110, 90.2239, 71.2454

Protanopia

84.6758, 89.9153, 72.5670

Deuteranopia

87.1081, 89.4634, 89.7679



Tritanopia

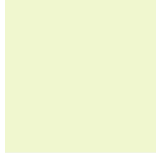
84.6341, 90.0172, 107.5221

Trichromacy



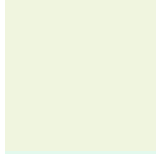
Original Color

74.5110, 90.2239, 71.2454



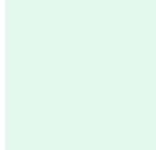
Protanomaly

80.4584, 89.5518, 72.0761



Deuteranomaly

81.9069, 89.1578, 82.7043



Tritanomaly

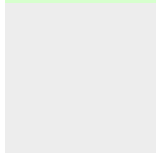
80.8403, 90.1967, 93.2697

Monochromacy



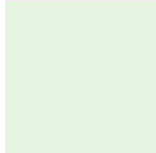
Original Color

74.5110, 90.2239, 71.2454



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.2544, 86.7956, 83.8629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5110, 90.2239, 71.2454 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 205) }
```

Border

The CSS property to change the border of an element to XYZ 74.5110, 90.2239, 71.2454 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, 205) }
```


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

```
.border{ border-color:rgb(214, 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(214, 255, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5110, 90.2239, 71.2454 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, 205) }
```

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

```
.background{ background-color: rgb(214,  
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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