

Converting Colors

XYZ(71.2029, 82.4545, 75.1133)

Have a look what the booklet for XYZ(71.2029, 82.4545, 75.1133) contains.

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Color

**XYZ(71.2029, 82.4545,
75.1133)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F2D5
RGB	213, 242, 213
RGB Percent	84%, 95%, 84%
CMY	0.1647, 0.0510, 0.1647
CMYK	0.12, 0.00, 0.12, 0.05
HSL	120°, 53%, 89%
HSV	120°, 12%, 95%
XYZ	71.2029, 82.4545, 75.1133
YIQ	230.0230, -7.9750, -15.1670

Conversions

Conversions Part 2

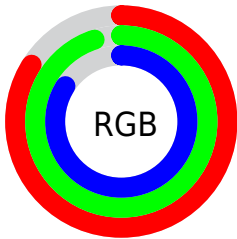
Format	Color
R _Y B	213, 242, 242
Decimal	14021333
CIE Lab	92.78, -14.75, 10.82
CIE LCh	93, 18.298, 143.732
Yxy	82.4545, 0.3112, 0.3604
Android (android.graphics.Color)	4292211413 (0xFFD5F2D5)
YUV	230.0230, -8.3923, -14.9292
Hunter-Lab	90.8045, -18.9398, 14.5185

Details

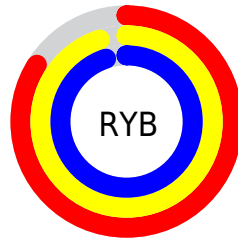
The XYZ color **71.2029, 82.4545, 75.1133** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.4421, 72.8784, 94.0462**, and the grayscale version is **75.2971, 79.2184, 86.2688**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8310, 44.8555, 39.0118** is the 20% darker color. If you saturate the color by 10%, you get **61.8544, 77.9664, 59.8204**, and if you desaturate by 10%, it is **82.0618, 87.6730, 92.8729**.

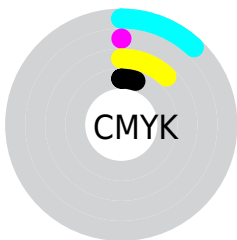
Distribution



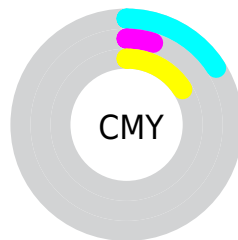
- Red (84%)
- Green (95%)
- Blue (84%)



- Red (84%)
- Yellow (95%)
- Blue (95%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (5%)



- Cyan (16%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2029, 82.4545, 75.1133 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 71.2029, 82.4545, 75.1133 by changing the saturation by 10% instead.

71.2029, 82.4545,
75.1133

71.2029, 82.4545,
75.1133

453.9632,
503.1667, 497.5727

52.7909, 61.7402,
55.2034

119.9395,
136.8112, 128.2213

37.8627, 44.8228,
39.1649

150.9949,
171.2224, 162.2565

26.0529, 31.3179,
26.5792

186.9954,
210.9680, 201.8372

16.9961, 20.8410,
17.0278

228.3065,
256.4325, 247.3820

10.3270, 13.0079,
10.0922

275.2935,
308.0002, 299.3095

5.6802, 7.4340,
5.3537

328.3217,

2.6904, 3.7349,

366.0556, 358.0380

2.3939

387.7565,
430.9829, 423.9862

■ 0.9923, 1.5264,
0.7831

■ 0.0000, 0.3072,
0.0000

■ 71.2029, 82.4545,
75.1133

■ 71.2029, 82.4545,
75.1133

■ 61.8544, 77.9664,
59.8204

■ 82.0618, 87.6730,
92.8729

■ 53.9431, 74.1662,
46.8800

■ 91.0438, 91.9875,
107.5646

■ 47.3998, 71.0231,
36.1772

■ 42.1468, 68.4998,
27.5851

■ 38.0991, 66.5555,
20.9641

■ 35.1609, 65.1441,
16.1581

■ 33.2224, 64.2130,
12.9872

■ 32.1511, 63.6984,
11.2347

■ 31.7538, 63.5075,
10.5847

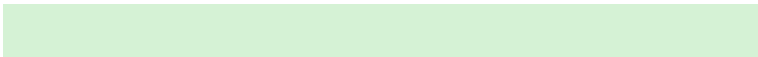
Harmonies

Analogous

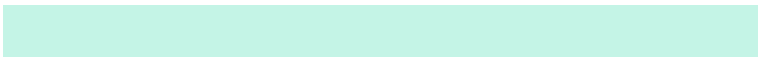
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.7354, 82.4545, 67.8071



71.2029, 82.4545, 75.1133



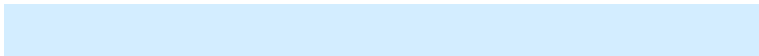
69.5989, 82.4545, 86.9401

Triad

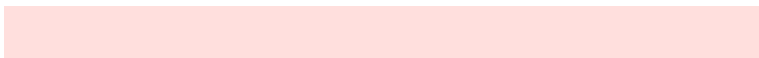
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2029, 82.4545, 75.1133



77.3729, 82.4545, 118.5157



87.0741, 82.4545, 79.6129

Complementary

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



71.2029, 82.4545, 75.1133



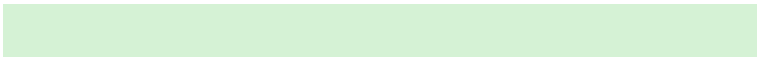
76.4421, 72.8784, 94.0462

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.



87.8498, 82.4545, 92.6789



71.2029, 82.4545, 75.1133



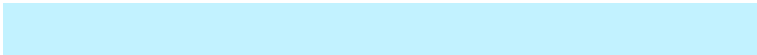
82.1216, 82.4545, 116.0481

Square

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



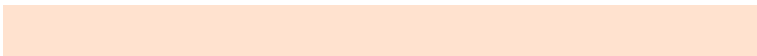
71.2029, 82.4545, 75.1133



73.0668, 82.4545, 112.6766



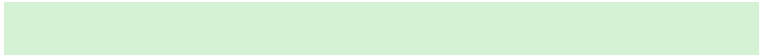
86.0037, 82.4545, 106.2391



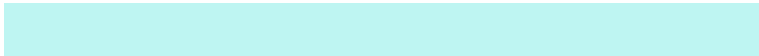
83.9249, 82.4545, 70.2147

Rectangle

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



71.2029, 82.4545, 75.1133



69.7907, 82.4545, 96.1623



86.0037, 82.4545, 106.2391



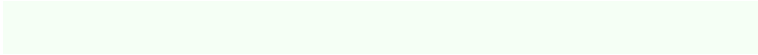
87.6262, 82.4545, 83.6845

Sweetspot

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



71.2052, 82.4580, 75.1151



89.7974, 97.4769, 100.3085



80.3840, 87.1899, 75.5442



19.0157, 20.7658, 21.1354



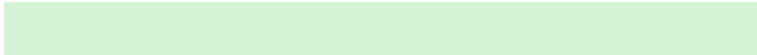
0.0000, 0.0000, 0.0000



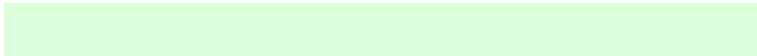
20.3446, 21.4041, 23.3091

Same Dimension

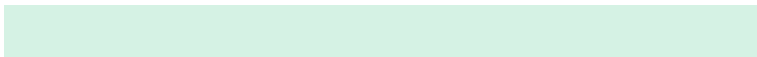
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2052, 82.4580, 75.1151



77.8896, 91.7570, 80.8313



73.1294, 83.2277, 85.2480



15.5660, 17.6564, 16.7374



17.0575, 34.1150, 5.6860



1.4190, 2.8381, 0.4730

Inverse Universe

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



76.4421, 72.8784, 94.0462



84.6997, 79.2997, 105.4493



74.3491, 72.0412, 83.0245



16.4543, 16.0314, 19.9487



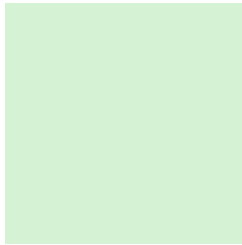
28.2809, 13.5848, 46.2571



2.3527, 1.1301, 3.8482

Previews

White Background



This preview shows how the XYZ color 71.2029, 82.4545, 75.1133 looks on a white background.

Color Contrast Check

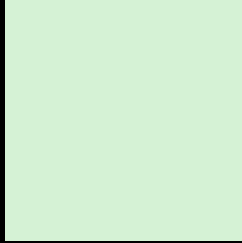
Large Text (above 18pt) WCAG AA × Fail

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 71.2029, 82.4545, 75.1133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

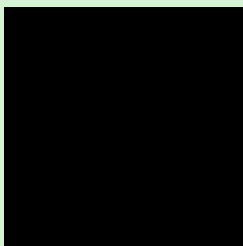
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

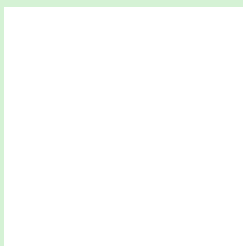
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2029, 82.4545, 75.1133

Background



This preview shows how black text looks on a background with the XYZ color 71.2029, 82.4545, 75.1133.

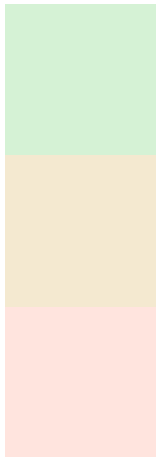


This preview shows how white text looks on a background with the XYZ color 71.2029, 82.4545,

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

71.2029, 82.4545, 75.1133

Protanopia

77.8323, 82.0650, 71.4124

Deuteranopia

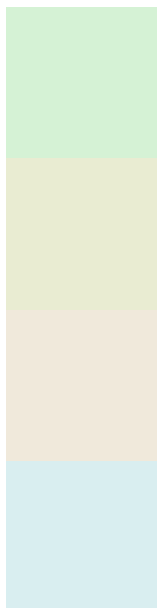
82.1682, 82.0207, 80.6081



Tritanopia

77.5607, 82.4265, 106.4298

Trichromacy



Original Color

71.2029, 82.4545, 75.1133

Protanomaly

75.2326, 81.9677, 72.8289

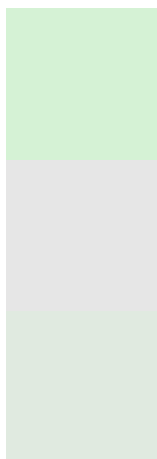
Deuteranomaly

77.8603, 81.9176, 78.7258

Tritanomaly

74.9180, 82.1921, 94.3541

Monochromacy



Original Color

71.2029, 82.4545, 75.1133

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

73.6178, 80.0747, 82.0969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2029, 82.4545, 75.1133 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, 242, 213)` looks like.

```
.text, #text, p{  
    color:rgb(213, 242, 213)  
}
```

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, 242, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 242, 213) }
```

Border

The CSS property to change the border of an element to XYZ 71.2029, 82.4545, 75.1133 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, 242, 213) }
```


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

```
.border{ border-color:rgb(213, 242, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 242, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 242, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 242, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 242,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2029, 82.4545, 75.1133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 242, 213) }
```

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

```
.background{ background-color: rgb(213,  
242, 213) }
```

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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