

Converting Colors

XYZ(71.3935, 82.2104, 76.3682)

Have a look what the booklet for
XYZ(71.3935, 82.2104, 76.3682)
contains.

XYZ(71.4526, 82.1130, 76.3734)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.4526, 82.1130,
76.3734)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F1D7
RGB	214, 241, 215
RGB Percent	84%, 95%, 84%
CMY	0.1608, 0.0549, 0.1569
CMYK	0.11, 0.00, 0.11, 0.05
HSL	122°, 49%, 89%
HSV	122°, 11%, 95%
XYZ	71.4526, 82.1130, 76.3734
YIQ	229.9630, -7.7460, -13.8100

Conversions

Conversions Part 2

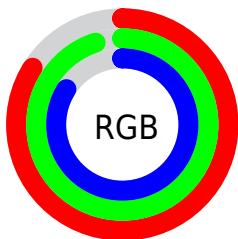
Format	Color
R_{YB}	214, 240, 241
Decimal	14086615
CIE Lab	92.62, -13.57, 9.58
CIE LCh	93, 16.616, 144.781
Yxy	82.1130, 0.3107, 0.3571
Android (android.graphics.Color)	4292276695 (0xFFD6F1D7)
YUV	229.9630, -7.3768, -13.9996
Hunter-Lab	90.6162, -17.8278, 13.4604

Details

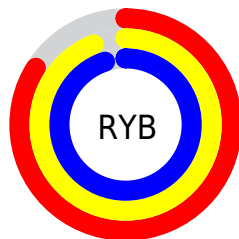
The XYZ color **71.4526, 82.1130, 76.3734** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.0533, 73.0872, 92.5408**, and the grayscale version is **75.2453, 79.1639, 86.2095**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9922, 44.6069, 39.8653** is the 20% darker color. If you saturate the color by 10%, you get **62.1590, 77.6448, 61.4604**, and if you desaturate by 10%, it is **82.2145, 87.2939, 93.5667**.

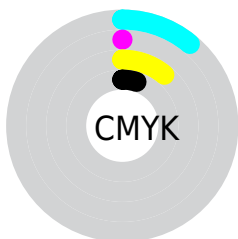
Distribution



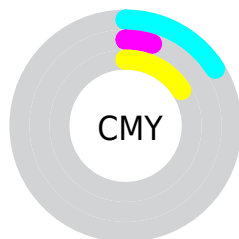
- Red (84%)
- Green (95%)
- Blue (84%)



- Red (84%)
- Yellow (94%)
- Blue (95%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4526, 82.1130, 76.3734 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 71.4526, 82.1130, 76.3734 by changing the saturation by 10% instead.

71.4526, 82.1130,
76.3734

71.4526, 82.1130,
76.3734

454.8213,
502.0256, 502.0058

52.9955, 61.4587,
56.2303

120.2930,
136.3325, 130.0195

38.0266, 44.5954,
39.9823

151.4069,
170.6664, 164.3596

26.1807, 31.1389,
27.2111

187.4706,
210.3290, 204.2690

17.0922, 20.7046,
17.4980

228.8493,
255.7046, 250.1663

10.3960, 12.9083,
10.4245

275.9083,
307.1777, 302.4702

5.7266, 7.3654,
5.5720

329.0131,

2.7186, 3.6917,

365.1326, 361.5990

2.5221

388.5290,
429.9538, 427.9713

■ 1.0068, 1.5026,
0.8518

■ 0.0000, 0.2906,
0.0000

■ 71.4526, 82.1130,
76.3734

■ 71.4526, 82.1130,
76.3734

■ 62.1590, 77.6448,
61.4604

■ 82.2145, 87.2939,
93.5667

■ 54.2636, 73.8482,
48.7269

■ 90.7469, 91.3937,
107.4656

■ 47.7009, 70.6940,
38.0725

■ 42.3972, 68.1467,
29.3869

■ 38.2721, 66.1672,
22.5494

■ 35.2355, 64.7120,
17.4265

■ 33.1844, 63.7313,
13.8662

■ 31.9963, 63.1657,
11.6904

■ 31.5058, 62.9333,
10.7432

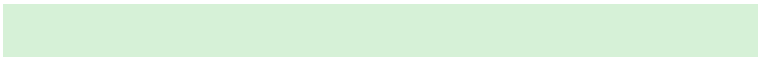
Harmonies

Analogous

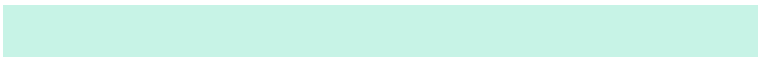
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6147, 82.1130, 69.4950



71.4526, 82.1130, 76.3734



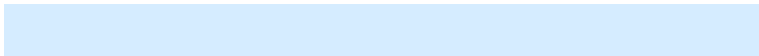
70.0601, 82.1130, 87.2598

Triad

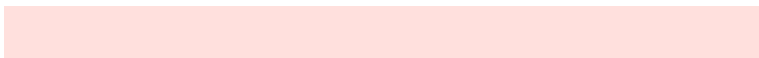
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4526, 82.1130, 76.3734



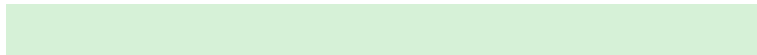
77.2925, 82.1130, 115.2610



85.8357, 82.1130, 79.7990

Complementary

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



71.4526, 82.1130, 76.3734



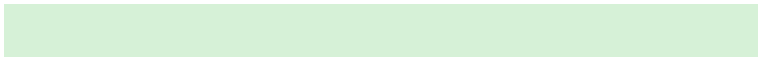
76.0533, 73.0872, 92.5408

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.



86.6166, 82.1130, 91.5894



71.4526, 82.1130, 76.3734



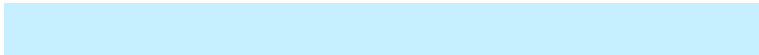
81.5808, 82.1130, 112.8000

Square

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



71.4526, 82.1130, 76.3734



73.3514, 82.1130, 110.2913



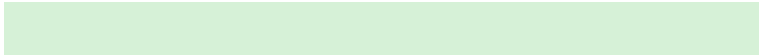
85.0329, 82.1130, 103.8452



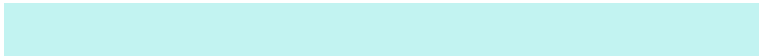
82.9367, 82.1130, 71.3411

Rectangle

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



71.4526, 82.1130, 76.3734



70.2842, 82.1130, 95.6167



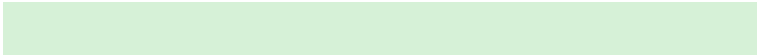
85.0329, 82.1130, 103.8452



86.3591, 82.1130, 83.4723

Sweetspot

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



71.4549, 82.1165, 76.3752



91.1278, 98.1124, 102.6436



79.5656, 86.3125, 76.0858



19.2864, 20.8948, 21.6209



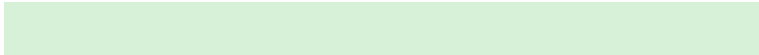
0.0000, 0.0000, 0.0000



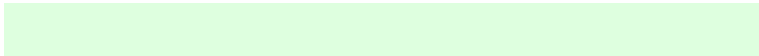
20.3446, 21.4041, 23.3091

Same Dimension

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



71.4549, 82.1165, 76.3752



79.1681, 92.3578, 83.5214



73.2486, 82.8340, 85.8208



15.5896, 17.6659, 16.8619



17.0948, 34.1299, 5.8820



1.4304, 2.8426, 0.5330

Inverse Universe

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



76.0533, 73.0872, 92.5408



85.1744, 80.5641, 104.6359



74.1348, 72.3198, 82.4381



16.4275, 16.0207, 19.8074



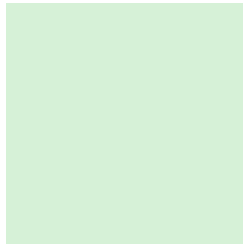
27.5873, 13.3073, 42.6046



2.3029, 1.1102, 3.5856

Previews

White Background



This preview shows how the XYZ color 71.4526, 82.1130, 76.3734 looks on a white background.

Color Contrast Check

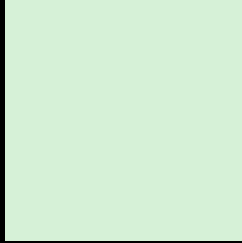
Large Text (above 18pt) WCAG AA × Fail

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 71.4526, 82.1130, 76.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

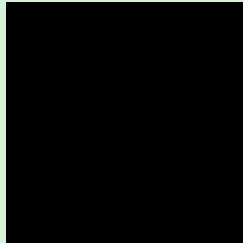
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

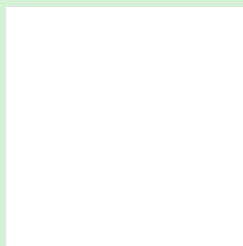
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4526, 82.1130, 76.3734

Background



This preview shows how black text looks on a background with the XYZ color 71.4526, 82.1130, 76.3734.



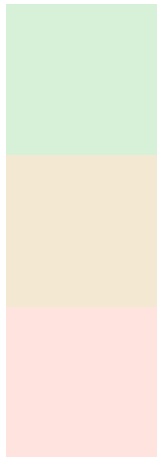
This preview shows how white text looks on a background with the XYZ color 71.4526, 82.1130,

76.3734.

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

71.4526, 82.1130, 76.3734

Protanopia

77.8589, 82.0357, 73.3589

Deuteranopia

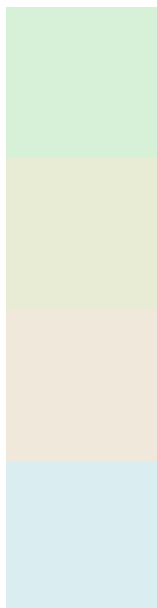
81.8939, 81.4721, 80.5167



Tritanopia

77.1129, 81.7881, 105.4883

Trichromacy



Original Color

71.4526, 82.1130, 76.3734

Protanomaly

75.1578, 81.9002, 74.1344

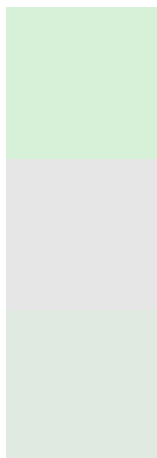
Deuteranomaly

77.5780, 81.3530, 78.6317

Tritanomaly

74.9258, 81.7651, 94.2713

Monochromacy



Original Color

71.4526, 82.1130, 76.3734

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

73.7539, 80.1292, 82.8134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4526, 82.1130, 76.3734 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, 241, 215)` looks like.

```
.text, #text, p{  
    color:rgb(214, 241, 215)  
}
```

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, 241, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 241, 215) }
```

Border

The CSS property to change the border of an element to XYZ 71.4526, 82.1130, 76.3734 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, 241, 215) }
```


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

```
.border{ border-color:rgb(214, 241, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 241, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 241, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 241, 215);  
box-shadow:4px 4px 4px 4px rgb(214, 241,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4526, 82.1130, 76.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 241, 215) }
```

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

```
.background{ background-color: rgb(214,  
241, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor