

Converting Colors

XYZ(72.8217, 85.9058, 71.1377)

Have a look what the booklet for
XYZ(72.8217, 85.9058, 71.1377)
contains.

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Color

**XYZ(73.0269, 86.1900,
71.1799)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F8CE
RGB	216, 248, 206
RGB Percent	85%, 97%, 81%
CMY	0.1529, 0.0274, 0.1921
CMYK	0.13, 0.00, 0.17, 0.03
HSL	106°, 75%, 89%
HSV	106°, 17%, 97%
XYZ	73.0269, 86.1900, 71.1799
YIQ	233.6440, -5.5900, -19.8460

Conversions

Conversions Part 2

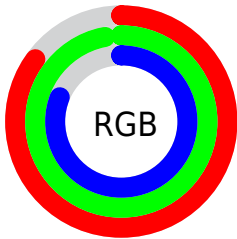
Format	Color
R_{YB}	206, 248, 238
Decimal	14219470
CIE _{Lab}	94.39, -17.88, 16.76
CIE _{LCh}	94, 24.507, 136.867
Yxy	86.1900, 0.3170, 0.3741
Android (android.graphics.Color)	4292409550 (0xFFD8F8CE)
YUV	233.6440, -13.6285, -15.4738
Hunter-Lab	92.8386, -22.0592, 19.5290

Details

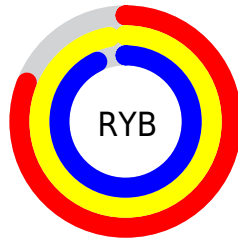
The XYZ color **73.0269, 86.1900, 71.1799** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.2780, 69.0995, 98.2342**, and the grayscale version is **78.0424, 82.1066, 89.4141**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2151, 47.5433, 36.8157** is the 20% darker color. If you saturate the color by 10%, you get **64.9837, 82.3672, 56.2980**, and if you desaturate by 10%, it is **82.1923, 90.5414, 88.5994**.

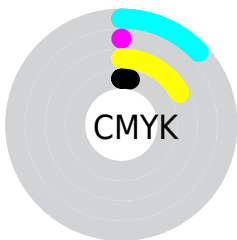
Distribution



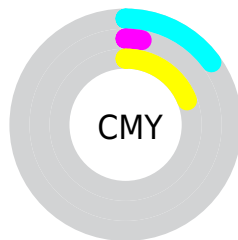
- Red (85%)
- Green (97%)
- Blue (81%)



- Red (81%)
- Yellow (97%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (3%)



- Cyan (15%)
- Magenta (3%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0269, 86.1900, 71.1799 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 73.0269, 86.1900, 71.1799 by changing the saturation by 10% instead.

73.0269, 86.1900,
71.1799

73.0269, 86.1900,
71.1799

460.2104,
515.5575, 483.5827

54.2864, 64.8251,
52.0063

122.5183,
142.0346, 122.5867

39.0623, 47.3193,
36.6278

154.0000,
177.2831, 155.6570

26.9891, 33.2881,
24.6259

190.4594,
217.9282, 194.1965

17.7016, 22.3473,
15.5821

232.2619,
264.3544, 238.6239

10.8343, 14.1123,
9.0778

279.7729,
316.9460, 289.3577

6.0220, 8.1988,
4.6944

333.3578,

2.8993, 4.2224,

376.0875, 346.8164

2.0135

393.3818,
442.1632, 411.4185

■ 1.1007, 1.7987,
0.5636

■ 0.0257, 0.4864,
0.0000

■ 73.0269, 86.1900,
71.1799

■ 73.0269, 86.1900,
71.1799

■ 64.9837, 82.3672,
56.2980

■ 82.1923, 90.5414,
88.5994

■ 58.0117, 79.0418,
43.8298

■ 92.4170, 95.3903,
108.1490

■ 52.0666, 76.1961,
33.6498

■ 92.8591, 95.6183,
108.1697

■ 47.0977, 73.8071,
25.6186

■ 43.0501, 71.8499,
19.5819

■ 39.8628, 70.2969,
15.3646

■ 37.4669, 69.1169,
12.7612

■ 35.7794, 68.2729,
11.5104

■ 35.3751, 68.0693,
11.2742

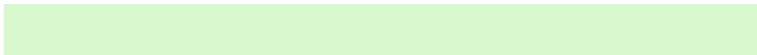
Harmonies

Analogous

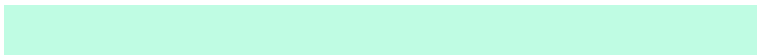
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3031, 86.1900, 63.2546



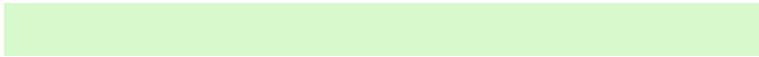
73.0269, 86.1900, 71.1799



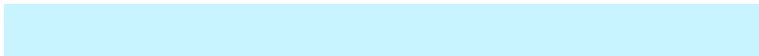
70.2025, 86.1900, 85.8482

Triad

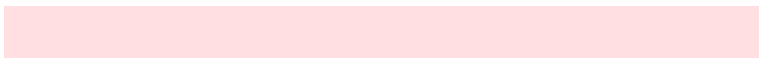
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.0269, 86.1900, 71.1799



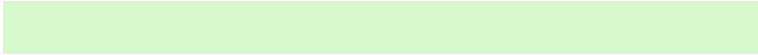
79.0785, 86.1900, 133.7595



94.6408, 86.1900, 83.7166

Complementary

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



73.0269, 86.1900, 71.1799



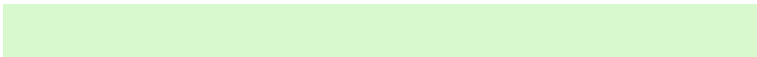
74.2780, 69.0995, 98.2342

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.



94.8759, 86.1900, 102.3263



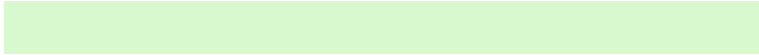
73.0269, 86.1900, 71.1799



85.6486, 86.1900, 132.9869

Square

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



73.0269, 86.1900, 71.1799



73.5683, 86.1900, 122.8636



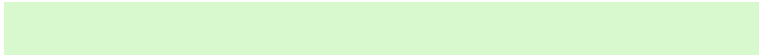
91.5095, 86.1900, 120.8761



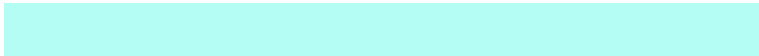
90.8832, 86.1900, 69.8002

Rectangle

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



73.0269, 86.1900, 71.1799



69.9860, 86.1900, 98.2472



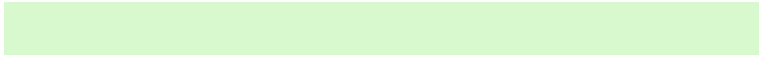
91.5095, 86.1900, 120.8761



95.1412, 86.1900, 89.5787

Sweetspot

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



73.0292, 86.1937, 71.1818



89.5804, 97.4097, 98.2820



80.2847, 85.2749, 70.6220



19.0147, 20.7743, 20.7293



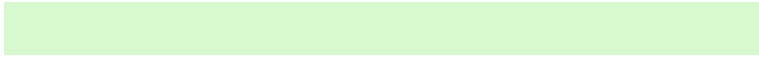
0.0000, 0.0000, 0.0000



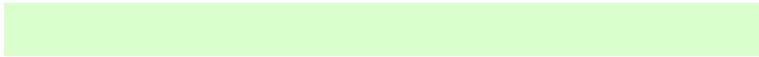
20.3446, 21.4041, 23.3091

Same Dimension

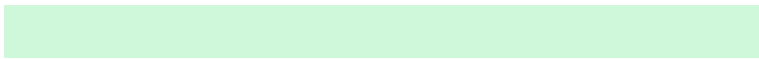
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0292, 86.1937, 71.1818



75.0196, 90.5000, 70.6410



71.4831, 85.2443, 77.9934



17.4042, 19.5086, 18.3106



19.2119, 36.8224, 6.0949



1.8695, 3.4569, 0.5687

Inverse Universe

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



74.2780, 69.0995, 98.2342



76.5564, 69.4354, 103.9751



76.1451, 70.2450, 90.0533



17.5655, 17.3042, 21.7995



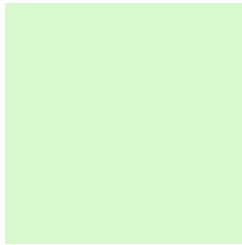
20.6158, 9.5705, 48.7343



2.0031, 0.9347, 4.5180

Previews

White Background



This preview shows how the XYZ color 73.0269, 86.1900, 71.1799 looks on a white background.

Color Contrast Check

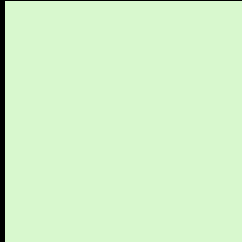
Large Text (above 18pt) WCAG AA × Fail

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 73.0269, 86.1900, 71.1799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

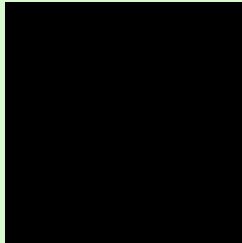
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

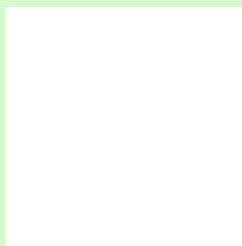
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.0269, 86.1900, 71.1799

Background



This preview shows how black text looks on a background with the XYZ color 73.0269, 86.1900, 71.1799.



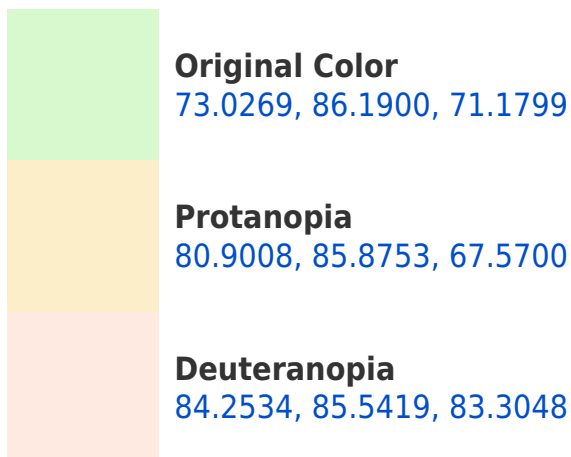
This preview shows how white text looks on a background with the XYZ color 73.0269, 86.1900,

71.1799.

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





Tritanopia

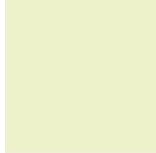
81.2050, 86.0342, 106.9340

Trichromacy



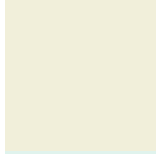
Original Color

73.0269, 86.1900, 71.1799



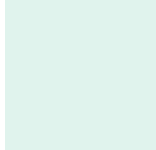
Protanomaly

77.7915, 85.9932, 68.9982



Deuteranomaly

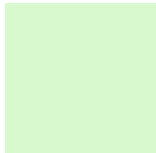
79.7970, 85.4957, 78.6262



Tritanomaly

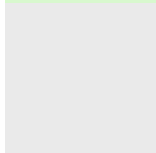
78.0771, 86.0629, 92.6175

Monochromacy



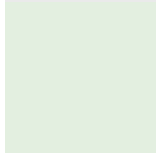
Original Color

73.0269, 86.1900, 71.1799



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.9996, 83.4457, 82.6220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0269, 86.1900, 71.1799 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(216, 248, 206)` looks like.

```
.text, #text, p{  
    color:rgb(216, 248, 206)  
}
```

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(216, 248, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 248, 206) }
```

Border

The CSS property to change the border of an element to XYZ 73.0269, 86.1900, 71.1799 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(216, 248, 206) }
```


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

```
.border{ border-color:rgb(216, 248, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 248, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 248, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 248, 206);  
box-shadow:4px 4px 4px 4px rgb(216, 248,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0269, 86.1900, 71.1799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 248, 206) }
```

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

```
.background{ background-color: rgb(216,  
248, 206) }
```

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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