

Converting Colors

XYZ(75.1497, 86.3153, 84.4919)

Have a look what the booklet for
XYZ(75.1497, 86.3153, 84.4919)
contains.

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Color

**XYZ(75.3071, 86.6114,
84.7001)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F7E2
RGB	216, 247, 226
RGB Percent	85%, 97%, 89%
CMY	0.1529, 0.0314, 0.1137
CMYK	0.13, 0.00, 0.09, 0.03
HSL	139°, 66%, 91%
HSV	139°, 13%, 97%
XYZ	75.3071, 86.6114, 84.7001
YIQ	235.3370, -11.7350, -13.1030

Conversions

Conversions Part 2

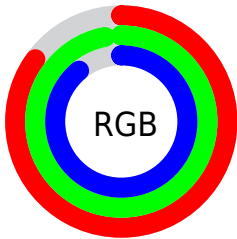
Format	Color
R _Y B	216, 239, 247
Decimal	14219234
CIE Lab	94.57, -13.94, 6.71
CIE LCh	95, 15.470, 154.313
Yxy	86.6114, 0.3054, 0.3512
Android (android.graphics.Color)	4292409314 (0xFFD8F7E2)
YUV	235.3370, -4.6031, -16.9585
Hunter-Lab	93.0652, -18.4245, 11.1849

Details

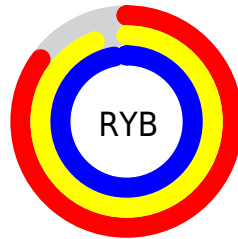
The XYZ color **75.3071, 86.6114, 84.7001** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.2027, 75.0024, 90.4798**, and the grayscale version is **79.2647, 83.3927, 90.8146**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6794, 47.7789, 45.6063** is the 20% darker color. If you saturate the color by 10%, you get **66.3660, 82.2570, 72.8754**, and if you desaturate by 10%, it is **85.5741, 91.6283, 97.7603**.

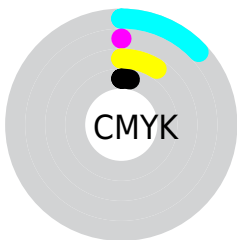
Distribution



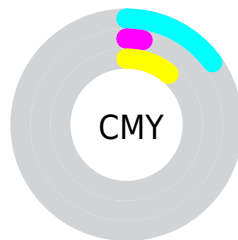
- Red (85%)
- Green (97%)
- Blue (89%)



- Red (85%)
- Yellow (94%)
- Blue (97%)



- Cyan (13%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)



- Cyan (15%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3071, 86.6114, 84.7001 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 75.3071, 86.6114, 84.7001 by changing the saturation by 10% instead.

75.3071, 86.6114,
84.7001

75.3071, 86.6114,
84.7001

467.9534,
516.9451, 530.7539

56.1596, 65.1737,
63.0449

125.7326,
142.6224, 141.8245

40.5684, 47.6019,
45.4363

157.7412,
177.9644, 178.1308

28.1682, 33.5117,
31.4558

194.7676,
218.7100, 220.1579

18.5936, 22.5188,
20.6848

237.1771,
265.2435, 268.3243

11.4792, 14.2386,
12.7048

285.3351,
317.9494, 323.0486

6.4598, 8.2868,
7.0973

339.6069,

3.1699, 4.2790,

377.2120, 384.7492

3.4436

400.3579,
443.4158, 453.8448

■ 1.2443, 1.8308,
1.3254

■ 0.1409, 0.5063,
0.0824

■ 75.3071, 86.6114,
84.7001

■ 75.3071, 86.6114,
84.7001

■ 66.3660, 82.2570,
72.8754

■ 85.5741, 91.6283,
97.7603

■ 58.6883, 78.5264,
62.2445

■ 92.5524, 95.0048,
108.0675

■ 52.2175, 75.3935,
52.7718

■ 46.8893, 72.8261,
44.4176

■ 42.6337, 70.7890,
37.1399

■ 39.3725, 69.2426,
30.8942

■ 37.0160, 68.1418,
25.6326

■ 35.4570, 67.4323,
21.3032

■ 34.6983, 67.0992,
18.6486

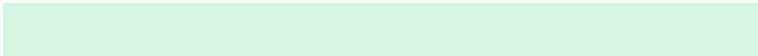
Harmonies

Analogous

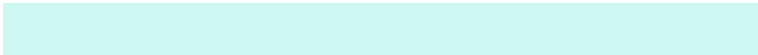
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.8851, 86.6114, 76.5858



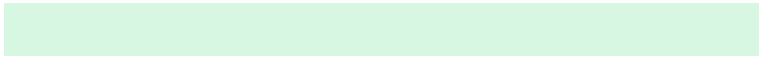
75.3071, 86.6114, 84.7001



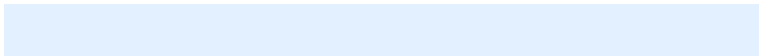
74.5843, 86.6114, 96.0419

Triad

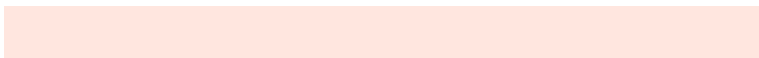
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3071, 86.6114, 84.7001



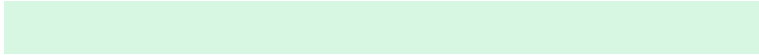
82.9258, 86.6114, 119.0991



89.1215, 86.6114, 81.9471

Complementary

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



75.3071, 86.6114, 84.7001



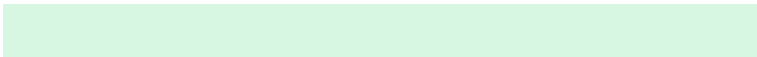
78.2027, 75.0024, 90.4798

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.



90.5762, 86.6114, 92.5893



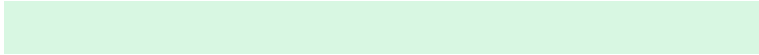
75.3071, 86.6114, 84.7001



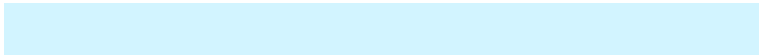
86.9233, 86.6114, 114.5661

Square

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



75.3071, 86.6114, 84.7001



78.8956, 86.6114, 116.5428



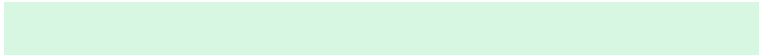
89.7586, 86.6114, 104.6101



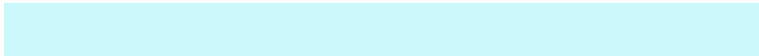
85.8452, 86.6114, 75.0930

Rectangle

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



75.3071, 86.6114, 84.7001



75.2305, 86.6114, 104.0760



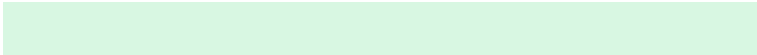
89.7586, 86.6114, 104.6101



89.8447, 86.6114, 85.1657

Sweetspot

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



75.3095, 86.6151, 84.7020



90.3037, 97.6794, 102.9747



80.6450, 89.5196, 77.9954



19.1433, 20.8168, 21.8075



0.0000, 0.0000, 0.0000



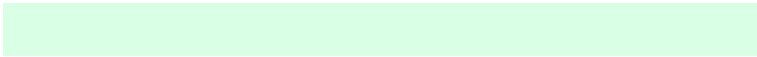
20.3446, 21.4041, 23.3091

Same Dimension

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



75.3095, 86.6151, 84.7020



78.4561, 91.8955, 87.7954



77.5070, 87.4941, 96.2740



16.5025, 18.5601, 18.6645



18.4073, 35.5077, 10.1644



1.6629, 3.1388, 1.1306

Inverse Universe

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



78.2027, 75.0024, 90.4798



82.1152, 77.2076, 95.1016



76.0586, 74.1448, 79.1892



16.9730, 16.6720, 19.6042



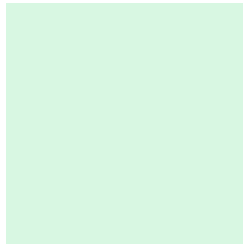
24.0590, 11.9670, 20.8168



2.1614, 1.0705, 2.0764

Previews

White Background



This preview shows how the XYZ color 75.3071, 86.6114, 84.7001 looks on a white background.

Color Contrast Check

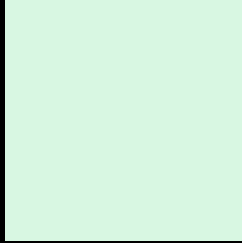
Large Text (above 18pt) WCAG AA × Fail

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 75.3071, 86.6114, 84.7001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

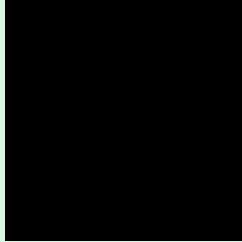
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

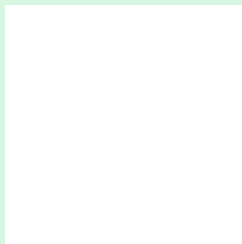
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3071, 86.6114, 84.7001

Background



This preview shows how black text looks on a background with the XYZ color 75.3071, 86.6114, 84.7001.



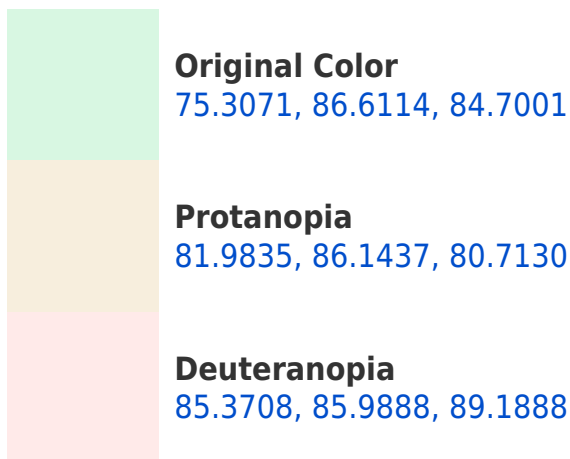
This preview shows how white text looks on a background with the XYZ color 75.3071, 86.6114,

84.7001.

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

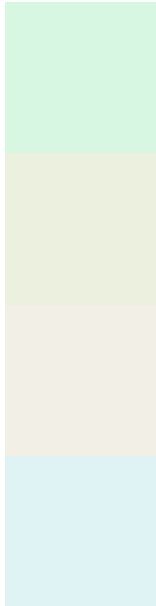




Tritanopia

81.1839, 86.4615, 107.0176

Trichromacy



Original Color

75.3071, 86.6114, 84.7001

Protanomaly

79.3667, 86.0712, 82.2424

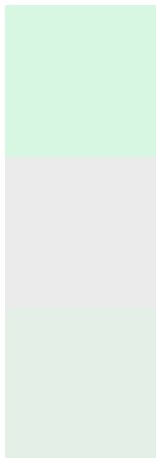
Deuteranomaly

81.4251, 86.1469, 87.1994

Tritanomaly

78.8112, 86.3208, 98.0957

Monochromacy



Original Color

75.3071, 86.6114, 84.7001

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.4269, 84.0532, 88.4870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3071, 86.6114, 84.7001 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, 247, 226)` looks like.

```
.text, #text, p{  
    color:rgb(216, 247, 226)  
}
```

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, 247, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 247, 226) }
```

Border

The CSS property to change the border of an element to XYZ 75.3071, 86.6114, 84.7001 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, 247, 226) }
```


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

```
.border{ border-color:rgb(216, 247, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 247, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 247, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 247, 226);  
box-shadow:4px 4px 4px 4px rgb(216, 247,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3071, 86.6114, 84.7001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 247, 226) }
```

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

```
.background{ background-color: rgb(216,  
247, 226) }
```

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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