

Converting Colors

XYZ(75.2796, 100.0000,
76.9145)

Have a look what the booklet for
XYZ(75.2796, 100.0000, 76.9145)
contains.

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Color

**XYZ(69.0037, 87.2995,
74.8416)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | BFFFD3 |
| RGB | 191, 255, 211 |
| RGB Percent | 75%, 100%, 83% |
| CMY | 0.2510, 0.0000, 0.1725 |
| CMYK | 0.25, 0.00, 0.17, 0.00 |
| HSL | 139°, 100%, 87% |
| HSV | 139°, 25%, 100% |
| XYZ | 69.0037, 87.2995, 74.8416 |
| YIQ | 230.8480, -24.0200, -27.2520 |

Conversions

Conversions Part 2

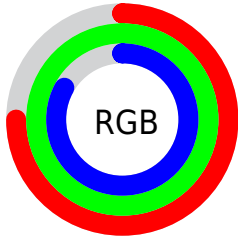
| Format | Color |
|-------------------------------------|---|
| RYB | 191, 240, 255 |
| Decimal | 12582867 |
| CIELab | 94.87, -28.49, 14.64 |
| CIElCh | 95, 32.029, 152.797 |
| Yxy | 87.2995, 0.2985, 0.3777 |
| Android (android.graphics.Color) | 4290772947 (0xFFBFFFD3) |
| YUV | 230.8480, -9.7851, -34.9467 |
| Hunter-Lab | 93.4342, -31.6827, 17.9121 |

Details

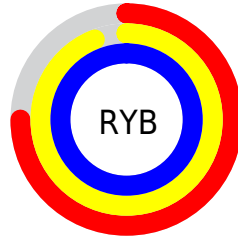
The XYZ color **69.0037, 87.2995, 74.8416** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **74.8665, 64.5205, 87.1048**, and the grayscale version is **75.9255, 79.8795, 86.9888**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **36.3482, 48.0227, 38.8060** is the 20% darker color. If you saturate the color by 10%, you get **61.0599, 83.4446, 63.6163**, and if you desaturate by 10%, it is **78.3051, 91.8265, 87.3845**.

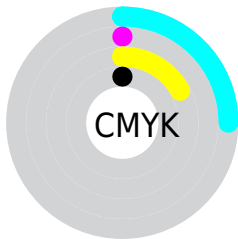
Distribution



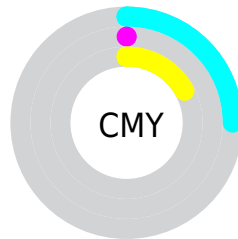
- Red (75%)
- Green (100%)
- Blue (83%)



- Red (75%)
- Yellow (94%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.0037, 87.2995, 74.8416 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 69.0037, 87.2995, 74.8416 by changing the saturation by 10% instead.


 69.0037, 87.2995,
74.8416

 69.0037, 87.2995,
74.8416


446.3652,
519.2065, 496.6138

 50.9914, 65.7431,
54.9822


 116.8209,
143.5815, 127.8331

 36.4228, 48.0639,
38.9890


147.3565,
179.0759, 161.8024

 24.9325, 33.8775,
26.4434


182.7972,
219.9851, 201.3119

 16.1552, 22.7995,
16.9269

223.5084,
266.6934, 246.7804

 9.7256, 14.4455,
10.0210

269.8554,
319.5854, 298.6262

 5.2783, 8.4312,
5.3071

322.2037,

 2.4479, 4.3721,

379.0453, 357.2681

2.3667

380.9185,
445.4575, 423.1244

■ 0.8690, 1.8838,
0.7682

■ 0.0000, 0.5386,
0.0000

■ 69.0037, 87.2995,
74.8416

■ 69.0037, 87.2995,
74.8416

■ 61.0599, 83.4446,
63.6163

■ 78.3051, 91.8265,
87.3845

■ 54.4061, 80.2278,
53.6613

■ 89.0229, 97.0553,
101.2817

■ 48.9717, 77.6139,
44.9327

95.0500, 100.0000,
108.9000

■ 44.6787, 75.5634,
37.3823

■ 41.4390, 74.0321,
30.9587

■ 39.1514, 72.9689,
25.6067

■ 37.6920, 72.3112,
21.2656

■ 37.1966, 72.0946,
19.4849

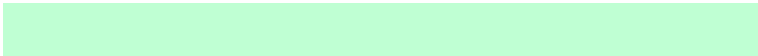
Harmonies

Analogous

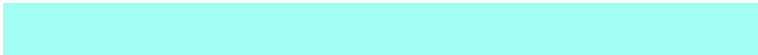
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2624, 87.2995, 60.2806



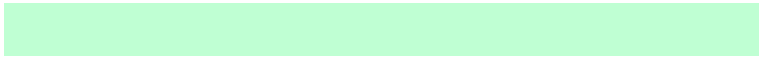
69.0037, 87.2995, 74.8416



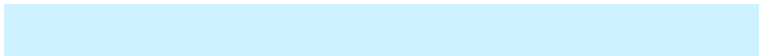
67.4019, 87.2995, 97.4054

Triad

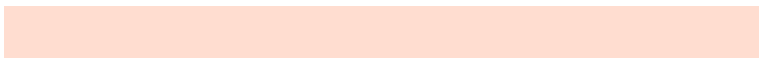
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.0037, 87.2995, 74.8416



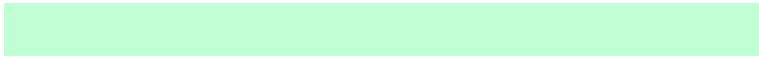
83.7925, 87.2995, 151.2127



97.8051, 87.2995, 71.4502

Complementary

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



69.0037, 87.2995, 74.8416



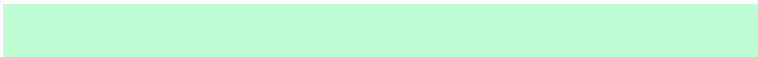
74.8665, 64.5205, 87.1048

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.



100.7804, 87.2995, 92.7414



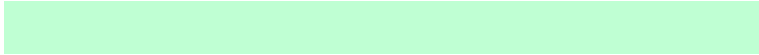
69.0037, 87.2995, 74.8416



92.3449, 87.2995, 141.1426

Square

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



69.0037, 87.2995, 74.8416



75.5799, 87.2995, 144.1996



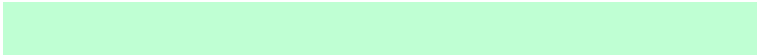
98.7165, 87.2995, 118.6134



90.8386, 87.2995, 58.5757

Rectangle

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



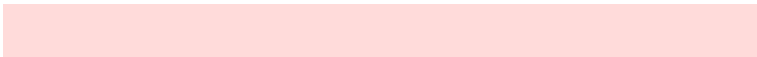
69.0037, 87.2995, 74.8416



68.5255, 87.2995, 114.7967



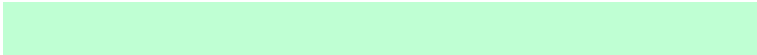
98.7165, 87.2995, 118.6134



99.3263, 87.2995, 77.7160

Sweetspot

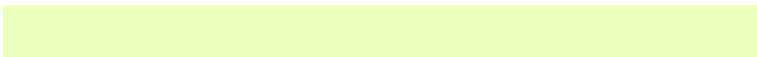
The Sweet Spot groups the original color and five complimentary colors.



69.0044, 87.2998, 74.8430



85.7625, 95.4636, 97.1059



79.6900, 93.0804, 63.0574



18.0054, 20.2617, 20.3312



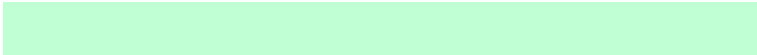
0.0000, 0.0000, 0.0000



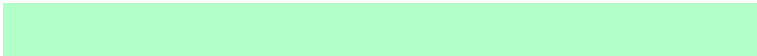
20.3446, 21.4041, 23.3091

Same Dimension

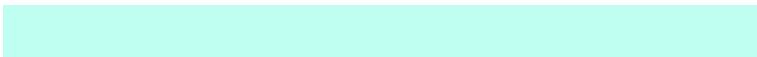
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0044, 87.2998, 74.8430



64.9440, 85.3278, 69.1773



73.3034, 89.0194, 97.4812



18.0054, 20.2617, 20.3312



19.4949, 37.6945, 10.4912



1.9449, 3.6889, 1.2677

Inverse Universe

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



74.8665, 64.5205, 87.1048



71.6970, 59.0749, 83.2937



70.7464, 62.8724, 65.4087



18.5368, 18.1980, 21.4441



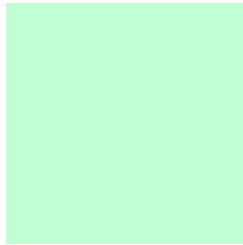
25.6783, 12.7606, 22.7540



2.5495, 1.2622, 2.4751

Previews

White Background



This preview shows how the XYZ color 69.0037, 87.2995, 74.8416 looks on a white background.

Color Contrast Check

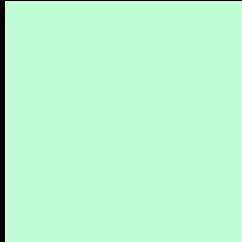
Large Text (above 18pt) WCAG AA × Fail

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 69.0037, 87.2995, 74.8416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

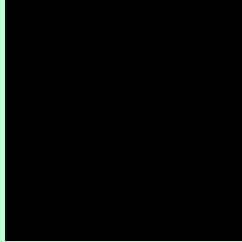
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0037, 87.2995, 74.8416

Background



This preview shows how black text looks on a background with the XYZ color 69.0037, 87.2995, 74.8416.



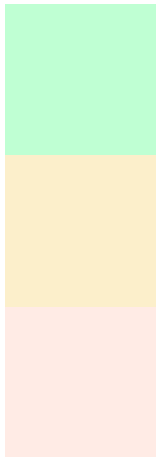
This preview shows how white text looks on a background with the XYZ color 69.0037, 87.2995,

74.8416.

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

69.0037, 87.2995, 74.8416

Protanopia

81.7909, 86.7402, 68.9316

Deuteranopia

85.0912, 86.3338, 86.3080



Tritanopia

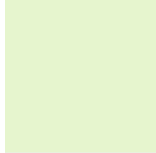
79.9159, 87.1370, 107.2148

Trichromacy



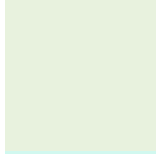
Original Color

69.0037, 87.2995, 74.8416



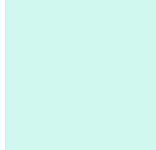
Protanomaly

76.4261, 86.5840, 71.0768



Deuteranomaly

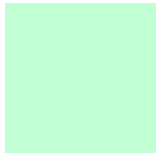
78.2157, 85.9340, 81.5718



Tritanomaly

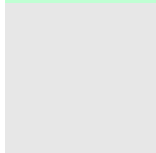
75.4419, 86.9221, 94.4628

Monochromacy



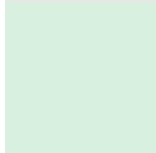
Original Color

69.0037, 87.2995, 74.8416



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

72.9335, 82.3009, 82.5627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0037, 87.2995, 74.8416 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(191, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(191, 255, 211)  
}
```

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(191, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 255, 211) }
```

Border

The CSS property to change the border of an element to XYZ 69.0037, 87.2995, 74.8416 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(191, 255, 211) }
```


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

```
.border{ border-color:rgb(191, 255, 211) }
```

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

Here you see how a box with a 4 pixel rgb(191, 255, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(191, 255,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0037, 87.2995, 74.8416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 255, 211) }
```

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

```
.background{ background-color: rgb(191,  
255, 211) }
```

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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