

Converting Colors

XYZ(69.5695, 87.0402, 75.7363)

Have a look what the booklet for
XYZ(69.5695, 87.0402, 75.7363)
contains.

| | |
|--|----|
| XYZ(69.5736, 87.1064, 75.4337) | 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(69.5736, 87.1064,
75.4337)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C2FED4 |
| RGB | 194, 254, 212 |
| RGB Percent | 76%, 100%, 83% |
| CMY | 0.2392, 0.0039, 0.1686 |
| CMYK | 0.24, 0.00, 0.17, 0.00 |
| HSL | 138°, 97%, 88% |
| HSV | 138°, 24%, 100% |
| XYZ | 69.5736, 87.1064, 75.4337 |
| YIQ | 231.2720, -22.2780, -25.7820 |

Conversions

Conversions Part 2

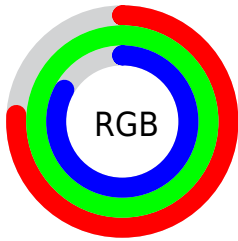
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 194, 240, 254 |
| Decimal | 12779220 |
| CIELab | 94.78, -26.90, 14.04 |
| CIElCh | 95, 30.342, 152.445 |
| Yxy | 87.1064, 0.2997, 0.3753 |
| Android (android.graphics.Color) | 4290969300 (0xFFC2FED4) |
| YUV | 231.2720, -9.5011, -32.6875 |
| Hunter-Lab | 93.3308, -30.2658, 17.4110 |

Details

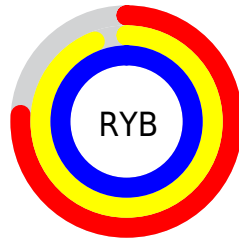
The XYZ color **69.5736, 87.1064, 75.4337** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75.3081, 65.7125, 88.0751**, and the grayscale version is **76.2406, 80.2110, 87.3498**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **36.6995, 47.8558, 39.2011** is the 20% darker color. If you saturate the color by 10%, you get **61.4827, 83.1829, 63.9849**, and if you desaturate by 10%, it is **79.0305, 91.7104, 88.2396**.

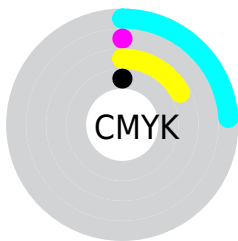
Distribution



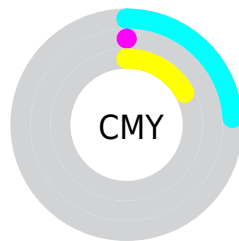
- Red (76%)
- Green (100%)
- Blue (83%)



- Red (76%)
- Yellow (94%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5736, 87.1064, 75.4337 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 69.5736, 87.1064, 75.4337 by changing the saturation by 10% instead.

69.5736, 87.1064,
75.4337

69.5736, 87.1064,
75.4337

448.3412,
518.5724, 498.7021

51.4573, 65.5833,
55.4644

117.6301,
143.3124, 128.6788

36.7952, 47.9342,
39.3725

148.3010,
178.7641, 162.7917

25.2219, 33.7748,
26.7396

183.8875,
219.6274, 202.4563

16.3721, 22.7206,
17.1471

224.7549,
266.2868, 248.0910

9.8803, 14.3874,
10.1763

271.2686,
319.1266, 300.1143

5.3814, 8.3906,
5.4089

323.7940,

2.5097, 4.3459,

378.5312, 358.9450

2.4262

382.6964,
444.8850, 425.0014

■ 0.9002, 1.8689,
0.8007

■ 0.0000, 0.5296,
0.0000

■ 69.5736, 87.1064,
75.4337

■ 69.5736, 87.1064,
75.4337

■ 61.4827, 83.1829,
63.9849

■ 79.0305, 91.7104,
88.2396

■ 54.6861, 79.8966,
53.8427

■ 89.9065, 97.0142,
102.4392

■ 49.1161, 77.2159,
44.9620

■ 94.7335, 99.3669,
108.7945

■ 44.6959, 75.1024,
37.2929

■ 41.3395, 73.5127,
30.7820

■ 38.9482, 72.3972,
25.3718

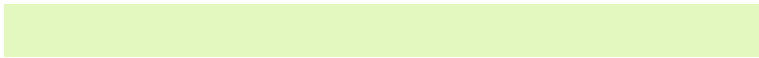
■ 37.4029, 71.6958,
20.9998

■ 36.7549, 71.4115,
18.7204

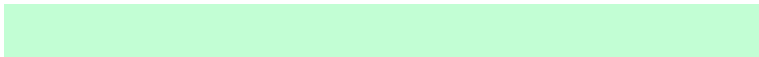
Harmonies

Analogous

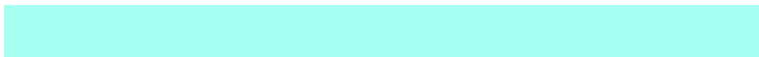
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6105, 87.1064, 61.5853



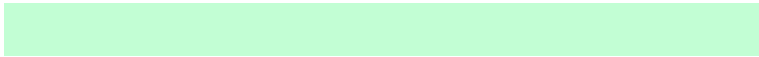
69.5736, 87.1064, 75.4337



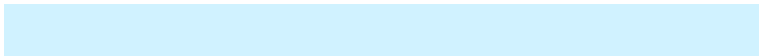
68.0041, 87.1064, 96.7850

Triad

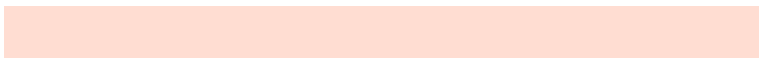
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.5736, 87.1064, 75.4337



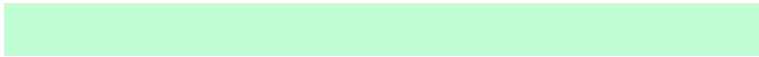
83.4670, 87.1064, 147.5477



96.8377, 87.1064, 72.6035

Complementary

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



69.5736, 87.1064, 75.4337



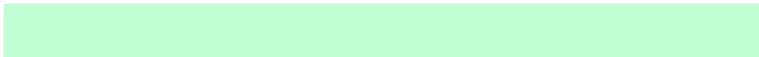
75.3081, 65.7125, 88.0751

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.



99.5819, 87.1064, 92.9293



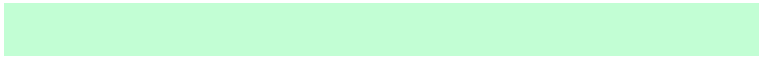
69.5736, 87.1064, 75.4337



91.5507, 87.1064, 138.3298

Square

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



69.5736, 87.1064, 75.4337



75.7036, 87.1064, 140.8239



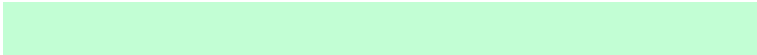
97.5868, 87.1064, 117.3275



90.3096, 87.1064, 60.1510

Rectangle

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



69.5736, 87.1064, 75.4337



69.0453, 87.1064, 113.1681



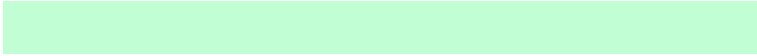
97.5868, 87.1064, 117.3275



98.2520, 87.1064, 78.6131

Sweetspot

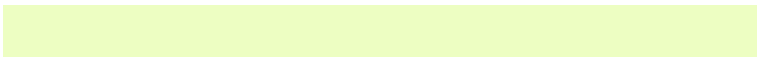
The Sweet Spot groups the original color and five complimentary colors.



69.5760, 87.1101, 75.4356



86.8381, 95.9915, 98.3538



80.1077, 92.7873, 64.7275



18.4427, 20.4758, 20.8642



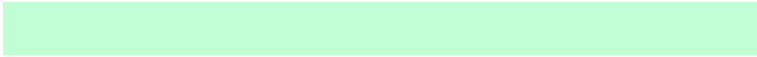
0.0000, 0.0000, 0.0000



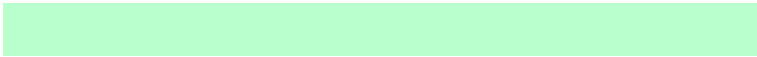
20.3446, 21.4041, 23.3091

Same Dimension

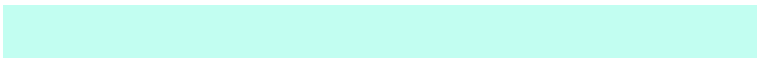
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.5760, 87.1101, 75.4356



66.4532, 86.0697, 70.8805



73.5699, 88.7076, 96.4673



17.9958, 20.2579, 20.2809



19.4332, 37.6699, 10.1666



1.9379, 3.6861, 1.2310

Inverse Universe

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



75.3081, 65.7125, 88.0751



73.0886, 61.2915, 85.5047



71.4299, 64.1613, 67.6527



18.5469, 18.2021, 21.4971



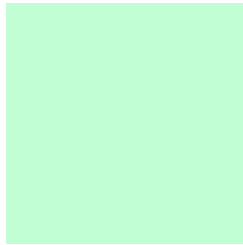
25.8433, 12.8266, 23.6230



2.5646, 1.2682, 2.5546

Previews

White Background



This preview shows how the XYZ color 69.5736, 87.1064, 75.4337 looks on a white background.

Color Contrast Check

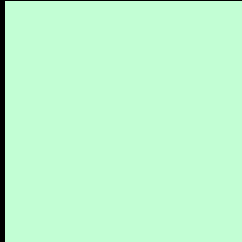
Large Text (above 18pt) WCAG AA × Fail

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 69.5736, 87.1064, 75.4337 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

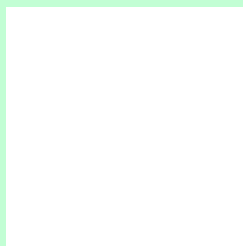
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5736, 87.1064, 75.4337

Background



This preview shows how black text looks on a background with the XYZ color 69.5736, 87.1064, 75.4337.



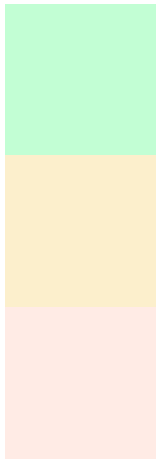
This preview shows how white text looks on a background with the XYZ color 69.5736, 87.1064,

75.4337.

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

69.5736, 87.1064, 75.4337

Protanopia

81.9105, 86.7881, 69.5614

Deuteranopia

85.0912, 86.3338, 86.3080



Tritanopia

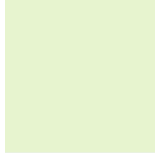
79.6158, 86.5368, 107.1148

Trichromacy



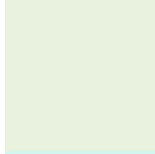
Original Color

69.5736, 87.1064, 75.4337



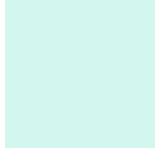
Protanomaly

76.5682, 86.1953, 71.6333



Deuteranomaly

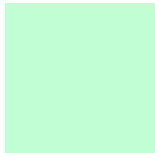
78.6757, 86.1556, 82.2951



Tritanomaly

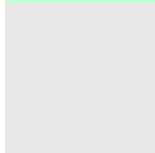
75.7047, 86.6024, 94.3872

Monochromacy



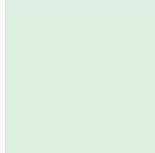
Original Color

69.5736, 87.1064, 75.4337



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

73.2345, 82.0202, 82.4926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5736, 87.1064, 75.4337 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(194, 254, 212)` looks like.

```
.text, #text, p{  
    color:rgb(194, 254, 212)  
}
```

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(194, 254, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 254, 212) }
```

Border

The CSS property to change the border of an element to XYZ 69.5736, 87.1064, 75.4337 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(194, 254, 212) }
```


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

```
.border{ border-color:rgb(194, 254, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 254, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 254, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 254, 212);  
box-shadow:4px 4px 4px 4px rgb(194, 254,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5736, 87.1064, 75.4337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 254, 212) }
```

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

```
.background{ background-color: rgb(194,  
254, 212) }
```

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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